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com.swath

Interface ActionIfc

public interface **ActionIfc**

This is the Action interface.

Since:

SWATH 1.7

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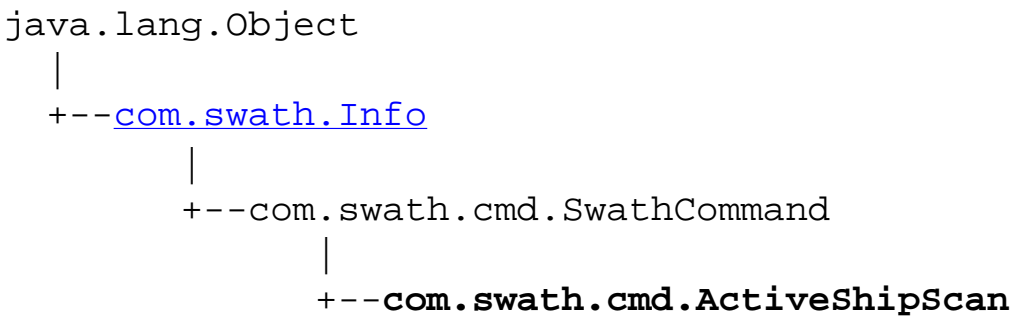
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com.swath.cmd

Class ActiveShipScan



All Implemented Interfaces:
[CommandIfc](#)

public final class **ActiveShipScan**
extends com.swath.cmd.SwathCommand

Perform an active ship scan.
Prompts: Computer prompt

Since:
SWATH 1.4

Method Summary	
static void	exec () Perform an active ship scan.
java.lang.String	getClassName () Gets the command class name.

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Perform an active ship scan.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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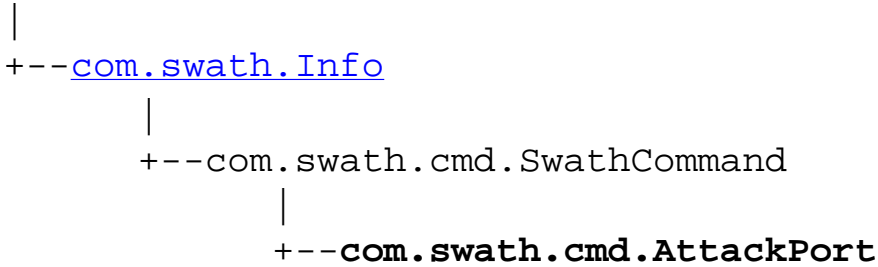
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com.swath.cmd

Class AttackPort

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **AttackPort**
extends com.swath.cmd.SwathCommand

Attack the port in the current sector.

Prompts: Command prompt

Since:

SWATH 1.4

Field Summary

static int [ATTACKED](#)

The port was attacked but still remains.

static int [DESTROYED](#)

The port was destroyed.

static int	NO_ATTACK
------------	----------------------------------

No attack was made for some reason.

Method Summary

static int	exec (int fighters) Attack the port in the current sector.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Field Detail

NO_ATTACK

```
public static final int NO_ATTACK
```

No attack was made for some reason.

ATTACKED

```
public static final int ATTACKED
```

The port was attacked but still remains.

DESTROYED

```
public static final int DESTROYED
```

The port was destroyed.

Method Detail

initCommand

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int exec(int fighters)  
                throws java.lang.Exception
```

Attack the port in the current sector.

Parameters:

fighters - The amount of fighters to attack with.

Returns:

The result of the attack.

Since:

SWATH 1.6

See Also:

[NO_ATTACK](#), [ATTACKED](#), [DESTROYED](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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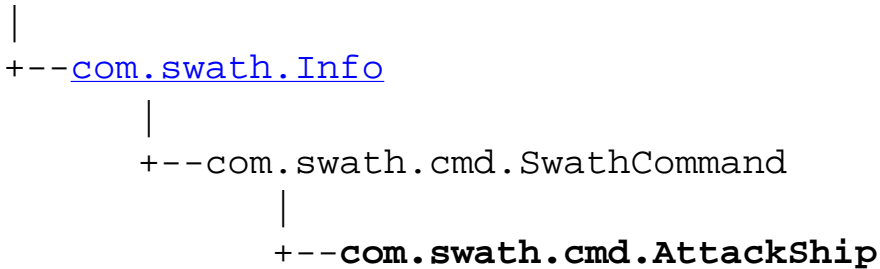
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com.swath.cmd

Class AttackShip

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class AttackShip
extends com.swath.cmd.SwathCommand
```

Attack or capture an unmanned ship.

Prompts: Command prompt

Since:

SWATH 1.6

See Also:

[AttackTrader](#)

Field Summary

static int [ATTACKED](#)

The ship was attacked but still got fighters/shields left.

static int	CAPTURED The ship was captured and is now yours.
static int	DESTROYED The ship was destroyed.
static int	NO_ATTACK No attack was made for some reason.

Method Summary

static int	exec (Ship ship) Try to capture an unmanned ship.
static int	exec (Ship ship, int fighters) Attack an unmanned ship with a specific amount of fighters.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

NO_ATTACK

```
public static final int NO_ATTACK
```

No attack was made for some reason.

ATTACKED

```
public static final int ATTACKED
```

The ship was attacked but still got fighters/shields left.

DESTROYED

```
public static final int DESTROYED
```

The ship was destroyed.

CAPTURED

```
public static final int CAPTURED
```

The ship was captured and is now yours.

Method Detail

initCommand

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int exec(Ship ship,  
                        int fighters)  
    throws java.lang.Exception
```

Attack an unmanned ship with a specific amount of fighters.

Parameters:

ship - The ship to attack or null to attack the first unmanned ship in the sector.
fighters - The amount of fighters to attack with.

Returns:

The result of the attack.

Since:

SWATH 1.6

See Also:

[NO_ATTACK](#), [ATTACKED](#), [DESTROYED](#), [CAPTURED](#)

exec

```
public static int exec(Ship ship)  
    throws java.lang.Exception
```

Try to capture an unmanned ship.

Parameters:

ship - The ship to capture or null to capture the first unmanned ship in the sector.

Returns:

The result of the attack.

Since:

SWATH 1.6

See Also:

[NO_ATTACK](#), [ATTACKED](#), [DESTROYED](#), [CAPTURED](#)

isUserDefined


```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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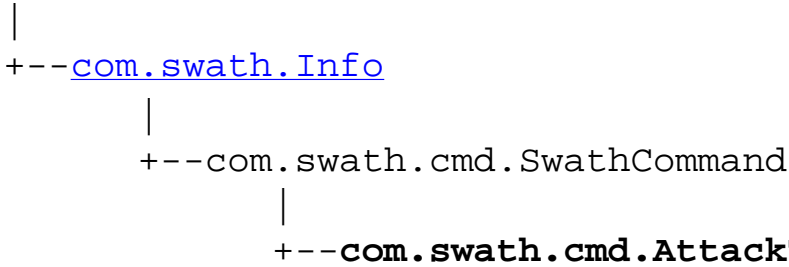
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com.swath.cmd

Class AttackTrader

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **AttackTrader**
extends com.swath.cmd.SwathCommand

Attack a trader.

Prompts: Command prompt

Since:

SWATH 1.4

See Also:

[AttackShip](#)

Field Summary

static int [ATTACKED](#)

The trader was attacked but still got fighters/shields left.

static int	FLED The trader fled to an adjacent sector.
static int	KILLED The trader was killed and the ship is destroyed.
static int	NO_ATTACK No attack was made for some reason.
static int	PODDED The trader left the ship in an escape pod.

Method Summary

static int	exec (Trader trader) Attack a trader with enough fighters to pod him/her and capture the ship.
static int	exec (Trader trader, int fighters) Attack a trader with a specific amount of fighters.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

NO_ATTACK

```
public static final int NO_ATTACK
```

No attack was made for some reason.

ATTACKED

```
public static final int ATTACKED
```

The trader was attacked but still got fighters/shields left.

KILLED

```
public static final int KILLED
```

The trader was killed and the ship is destroyed.

PODDED

```
public static final int PODDED
```

The trader left the ship in an escape pod. The ship is now yours.

FLED

```
public static final int FLED
```

The trader fled to an adjacent sector.

Method Detail

initCommand

```
public boolean initCommand()
    throws java.lang.Exception
```

Overrides:

initCommand in class `com.swath.cmd.SwathCommand`

exec

```
public static int exec(Trader trader,
    int fighters)
    throws java.lang.Exception
```

Attack a trader with a specific amount of fighters.

Parameters:

trader - The trader to attack or null to attack the first trader in the sector.
fighters - The amount of fighters to attack with.

Returns:

The result of the attack.

Since:

SWATH 1.6

See Also:

[NO_ATTACK](#), [ATTACKED](#), [KILLED](#), [PODDED](#), [FLED](#)

exec

```
public static int exec(Trader trader)
    throws java.lang.Exception
```

Attack a trader with enough fighters to pod him/her and capture the ship.

Parameters:

`trader` - The trader to attack or `null` to attack the first trader in the sector.

Returns:

The result of the attack.

Since:

SWATH 1.6

See Also:

[NO_ATTACK](#), [ATTACKED](#), [KILLED](#), [PODDED](#), [FLED](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

`true` if user defined, otherwise `false`.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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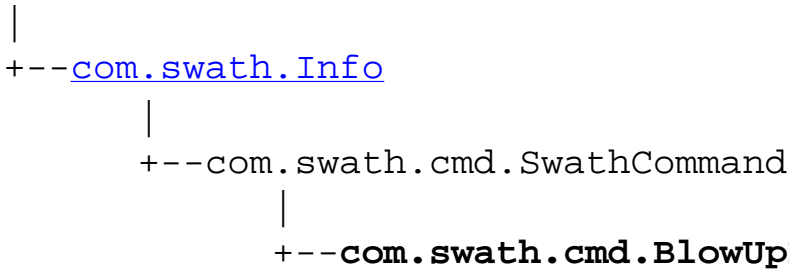
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com.swath.cmd

Class BlowUpPlanet

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class BlowUpPlanet
extends com.swath.cmd.SwathCommand
```

Blow up the planet you are currently on.

Prompts: Planet prompt

Since:

SWATH 1.3

Method Summary

static void [exec](#)()

Blow up the planet you are currently on.

java.lang.String [getClassName](#)()

Gets the command class name.

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Blow up the planet you are currently on.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class Bubble

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.Bubble**public final class **Bubble**extends [Info](#)

This class represents a bubble in TW.

Since:

SWATH 1.5

Field Summary

static int

[TYPE_BLACK_HOLE](#)

This is a black hole.

static int

[TYPE_DEAD_END](#)

This is a dead end/tunnel.

static int

[TYPE_NORMAL](#)

This is a normal bubble.

Method Summary

int	<u>depth</u> () Gets the depth of this bubble in number of sectors from the gate sector to the deepest sector in the bubble.
int	<u>distanceFromSector1</u> () Gets the distance from sector 1 to the bubble.
int	<u>distanceFromStarDock</u> () Gets the distance from the StarDock to the bubble.
int	<u>distanceToSector1</u> () Gets the distance from the bubble to sector 1.
int	<u>distanceToStarDock</u> () Gets the distance from the bubble to the StarDock.
void	<u>dump</u> () Dumps the bubble info in the terminal window.
int[]	<u>gates</u> () Gets the gate sector(s) for the bubble.
int	<u>index</u> () Gets the bubble index.
int[]	<u>sectors</u> () Gets the bubble sectors.
int	<u>secure</u> () Indicates if the bubble is secure or not.
int	<u>size</u> () Gets the number of sectors behind the gate sector(s).
java.lang.String	<u>toString</u> ()
int	<u>type</u> () Gets the bubble type.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Field Detail

TYPE_NORMAL

```
public static final int TYPE_NORMAL
```

This is a normal bubble.

TYPE_DEAD_END

```
public static final int TYPE_DEAD_END
```

This is a dead end/tunnel.

TYPE_BLACK_HOLE

```
public static final int TYPE_BLACK_HOLE
```

This is a black hole. There is no way out.

Method Detail

index

```
public int index()
```

Gets the bubble index.

Returns:

The bubble index.

Since:

SWATH 1.5

toString


```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

type

```
public int type()  
    throws java.lang.Exception
```

Gets the bubble type.

Returns:

The type of this bubble.

Since:

SWATH 1.5

See Also:

[TYPE_NORMAL](#), [TYPE_DEAD_END](#), [TYPE_BLACK_HOLE](#)

gates

```
public int[] gates()  
    throws java.lang.Exception
```

Gets the gate sector(s) for the bubble.

Returns:

An array with the gate sector number(s).

Since:

SWATH 1.5

size

```
public int size()  
    throws java.lang.Exception
```

Gets the number of sectors behind the gate sector(s).

Returns:

The size of this bubble.

Since:

SWATH 1.5

depth

```
public int depth()  
    throws java.lang.Exception
```

Gets the depth of this bubble in number of sectors from the gate sector to the deepest sector in the bubble.

Returns:

The depth of this bubble or -1 if unknown.

Since:

SWATH 1.5

distanceToStarDock

```
public int distanceToStarDock()  
    throws java.lang.Exception
```

Gets the distance from the bubble to the StarDock.

Returns:

The number of hops to the StarDock or -1 if unknown.

Since:

SWATH 1.5

See Also:

[distanceFromStarDock\(\)](#)

distanceFromStarDock

```
public int distanceFromStarDock()  
    throws java.lang.Exception
```

Gets the distance from the StarDock to the bubble.

Returns:

The number of hops from the StarDock or -1 if unknown.

Since:

SWATH 1.6.2

See Also:

[distanceToStarDock\(\)](#)

distanceToSector1

```
public int distanceToSector1()  
           throws java.lang.Exception
```

Gets the distance from the bubble to sector 1.

Returns:

The number of hops to sector 1 or -1 if unknown.

Since:

SWATH 1.5

See Also:

[distanceFromSector1\(\)](#)

distanceFromSector1

```
public int distanceFromSector1()  
           throws java.lang.Exception
```

Gets the distance from sector 1 to the bubble.

Returns:

The number of hops from sector 1 or -1 if unknown.

Since:

SWATH 1.6.2

See Also:

[distanceToSector1\(\)](#)

sectors

```
public int[] sectors()  
    throws java.lang.Exception
```

Gets the bubble sectors.

Returns:

An array with all the sectors behind the gate(s).

Since:

SWATH 1.5

secure

```
public int secure()  
    throws java.lang.Exception
```

Indicates if the bubble is secure or not.

Returns:

YES if secure, NO if not secure or UNKNOWN if not known.

Since:

SWATH 1.5

See Also:

[Swath.YES](#), [Swath.NO](#), [Swath.UNKNOWN](#)

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the bubble info in the terminal window.

Since:

SWATH 1.5

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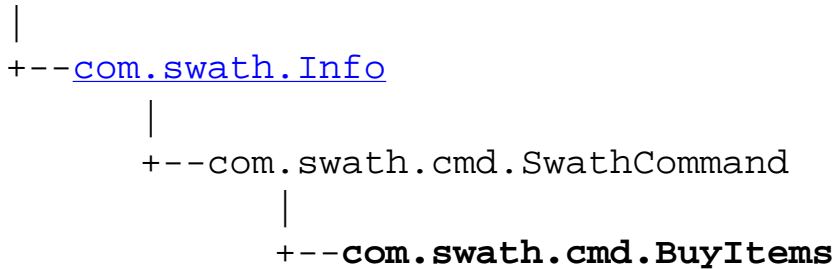
DETAIL: [FIELD](#) | CONSTR | [METHOD](#)

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com.swath.cmd

Class BuyItems

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class BuyItems
extends com.swath.cmd.SwathCommand
```

Buy items from StarDock or a class 0 port.
Prompts: StarDock and Command prompt

Since:

SWATH 1.3

Field Summary

static int [ARMID MINES](#)

The 'Space Mines' item type.

static int [ATOMIC DETONATORS](#)

The 'Atomic Detonators' item type.

static int	<u>CARGO_HOLDS</u> The 'Cargo Holds' item type.
static int	<u>CLOAKING_DEVICES</u> The 'Cloaking Devices' item type.
static int	<u>CORBOMITE_DEVICES</u> The 'Corbomite Devices' item type.
static int	<u>DENSITY_SCANNER</u> The 'Density Scanner' item type.
static int	<u>ETHER_PROBES</u> The 'SubSpace Ether Probes' item type.
static int	<u>FIGHTERS</u> The 'Fighters' item type.
static int	<u>GENESIS_TORPEDOES</u> The 'Genesis Torpedoes' item type.
static int	<u>HOLO_SCANNER</u> The 'Holographic Scanner' item type.
static int	<u>LIMPET_MINES</u> The 'Limpet Tracking Mines' item type.
static int	<u>MARKER_BEACONS</u> The 'Marker Beacons' item type.
static int	<u>MINE_DISRUPTORS</u> The 'Mine Disruptors' item type.
static int	<u>ONE_SHIP_TW_DRIVE</u> The 'One Ship TransWarp Drive' item type.
static int	<u>PHOTON_MISSILES</u> The 'Photon Missiles' item type.
static int	<u>PLANET_SCANNER</u> The 'Planet Scanner' item type.
static int	<u>PSYCHIC_PROBE</u> The 'Psychic Probe' item type.
static int	<u>SHIELDS</u> The 'Shields' item type.

static int	<u>TWO_SHIP_TW_DRIVE</u>
------------	--

The 'Two Ship TransWarp Drive' item type.

Method Summary

static void	<u>exec</u> (int type, int amount)
-------------	--

Buy items from StarDock or a class 0 port.
--

java.lang.String	<u>getClassName</u> ()
------------------	---

Gets the command class name.

java.lang.String	<u>getName</u> ()
------------------	------------------------------------

Gets the name of the command.

java.util.Enumeration	<u>getParams</u> ()
-----------------------	--------------------------------------

Gets the command parameters.

boolean	<u>initCommand</u> ()
---------	--

boolean	<u>isInternal</u> ()
---------	---------------------------------------

Indicates if this is an internal SWATH command or not.
--

boolean	<u>isUserDefined</u> ()
---------	--

Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

FIGHTERS

```
public static final int FIGHTERS
```

The 'Fighters' item type.

SHIELDS

```
public static final int SHIELDS
```

The 'Shields' item type.

CARGO_HOLDS

```
public static final int CARGO_HOLDS
```

The 'Cargo Holds' item type.

ATOMIC_DETONATORS

```
public static final int ATOMIC_DETONATORS
```

The 'Atomic Detonators' item type.

MARKER_BEACONS

```
public static final int MARKER_BEACONS
```

The 'Marker Beacons' item type.

CORBOMITE_DEVICES

```
public static final int CORBOMITE_DEVICES
```

The 'Corbomite Devices' item type.

CLOAKING_DEVICES

```
public static final int CLOAKING_DEVICES
```

The 'Cloaking Devices' item type.

ETHER_PROBES

```
public static final int ETHER_PROBES
```

The 'SubSpace Ether Probes' item type.

PLANET_SCANNER

```
public static final int PLANET_SCANNER
```

The 'Planet Scanner' item type.

LIMPET_MINES

```
public static final int LIMPET_MINES
```

The 'Limpet Tracking Mines' item type.

ARMID_MINES

```
public static final int ARMID_MINES
```

The 'Space Mines' item type.

PHOTON_MISSILES

```
public static final int PHOTON_MISSILES
```

The 'Photon Missiles' item type.

HOLO_SCANNER

```
public static final int HOLO_SCANNER
```

The 'Holographic Scanner' item type.

DENSITY_SCANNER

```
public static final int DENSITY_SCANNER
```

The 'Density Scanner' item type.

MINE_DISRUPTORS

```
public static final int MINE_DISRUPTORS
```

The 'Mine Disruptors' item type.

GENESIS_TORPEDOES

```
public static final int GENESIS_TORPEDOES
```

The 'Genesis Torpedoes' item type.

ONE_SHIP_TW_DRIVE

```
public static final int ONE_SHIP_TW_DRIVE
```

The 'One Ship TransWarp Drive' item type.

TWO_SHIP_TW_DRIVE

```
public static final int TWO_SHIP_TW_DRIVE
```

The 'Two Ship TransWarp Drive' item type.

PSYCHIC_PROBE

```
public static final int PSYCHIC_PROBE
```

The 'Psychic Probe' item type.

Method Detail

initCommand

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int type,
```

```

        int amount)
    throws java.lang.Exception

```

Buy items from StarDock or a class 0 port.

Parameters:

type - The type of item to buy.

amount - The amount of items to buy.

Since:

SWATH 1.3

See Also:

[FIGHTERS](#), [SHIELDS](#), [CARGO HOLDS](#), [ATOMIC DETONATORS](#), [MARKER BEACONS](#),
[CORBOMITE DEVICES](#), [CLOAKING DEVICES](#), [ETHER PROBES](#),
[PLANET SCANNER](#), [LIMPET MINES](#), [ARMID MINES](#), [PHOTON MISSILES](#),
[HOLO SCANNER](#), [DENSITY SCANNER](#), [MINE DISRUPTORS](#),
[GENESIS TORPEDOES](#), [ONE SHIP TW DRIVE](#), [TWO SHIP TW DRIVE](#),
[PSYCHIC PROBE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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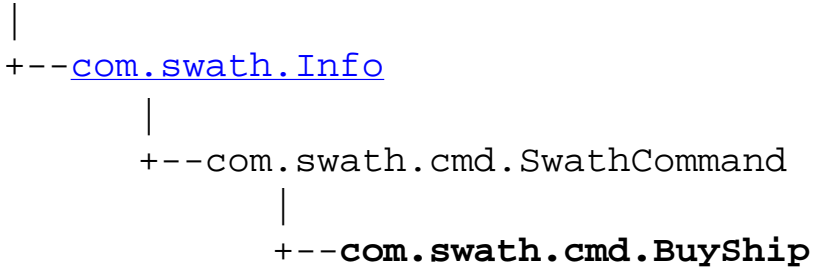
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com.swath.cmd

Class BuyShip

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **BuyShip**
extends com.swath.cmd.SwathCommand

Buy a new ship at the Shipyards on StarDock.

Prompts: StarDock prompt

Since:

SWATH 1.6.5

See Also:

[SellShip](#)

Method Summary

static Ship	exec (java.lang.String name, java.lang.String type, int owner, java.lang.String password) Buy a new ship at the Shipyards on StarDock.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static Ship exec(java.lang.String name,
                        java.lang.String type,
                        int owner,
                        java.lang.String password)
    throws java.lang.Exception
```

Buy a new ship at the Shipyards on StarDock.

Parameters:

name - The name for the new ship.

type - The ship type to buy.

owner - Set the ship owner as PERSONAL or CORPORATE.

password - The ship password or null for none.

Returns:

The new ship or null if not known.

Since:

SWATH 1.6.5

See Also:

[Swath.PERSONAL](#), [Swath.CORPORATE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class ChangePersonalSettings

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.ChangePersonalSettings

```

All Implemented Interfaces:

[CommandIfc](#)

public final class **ChangePersonalSettings**
 extends com.swath.cmd.SwathCommand

Change your personal settings.

Prompts: Computer prompt

Since:

SWATH 1.4

Field Summary

static int [NO_RADIO](#)

No sub-space radio.

Method Summary

static void	exec (int ansi, int animation, int page, int subSpace, int fedComm, int hail, int silent) Change your personal settings.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

NO_RADIO

```
public static final int NO_RADIO
```

No sub-space radio.

Method Detail

initCommand

```
public boolean initCommand()
```

throws java.lang.Exception

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int ansi,
                        int animation,
                        int page,
                        int subSpace,
                        int fedComm,
                        int hail,
                        int silent)
    throws java.lang.Exception
```

Change your personal settings. Choose NO_CHANGE for those parameters where no change is wanted.

Parameters:

ansi - Turn ANSI graphics ON or OFF.
 animation - Turn animations ON or OFF.
 page - Turn page on messages ON or OFF.
 subSpace - Set the current Sub-space radio channel (NO_RADIO = Off).
 fedComm - Turn the Federation comm-link ON or OFF.
 hail - Receive private hails, YES or NO.
 silent - Silence ALL messages, YES or NO.

Since:

SWATH 1.4

See Also:

[Swath.NO_CHANGE](#), [Swath.ON](#), [Swath.OFF](#), [Swath.YES](#), [Swath.NO](#),
[NO_RADIO](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```


Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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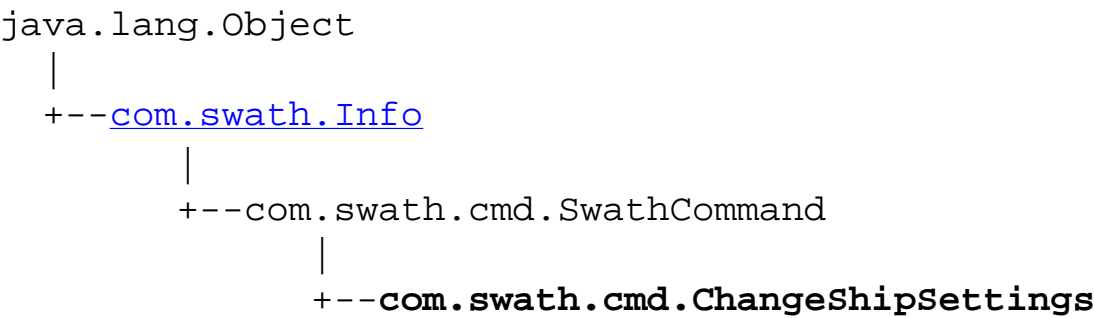
[FRAMES](#) [NO FRAMES](#)

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com.swath.cmd

Class ChangeShipSettings



All Implemented Interfaces:
[CommandIfc](#)

public final class **ChangeShipSettings**
extends com.swath.cmd.SwathCommand

Change the ship settings.
Prompts: Computer prompt

Since:
SWATH 1.4

Method Summary	
static void	exec (java.lang.String password, int status) Change the ship settings of the current ship.
java.lang.String	getClassName () Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(java.lang.String password,
                       int status)
           throws java.lang.Exception
```

Change the ship settings of the current ship.

Parameters:

password - The new ship password.

status - The new ship status: PERSONAL or CORPORATE.

Since:

SWATH 1.4

See Also:

[Swath.PERSONAL](#), [Swath.CORPORATE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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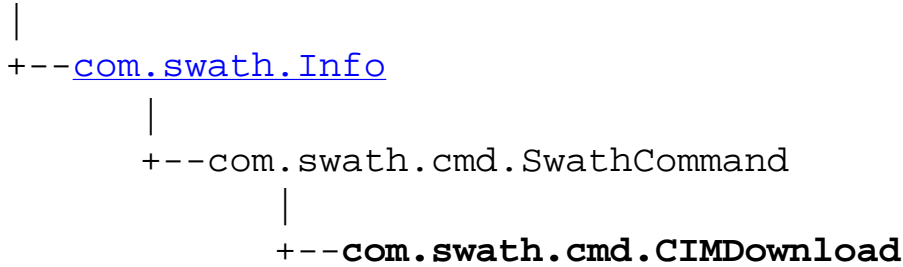
DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class CIMDownload

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class CIMDownload
extends com.swath.cmd.SwathCommand
```

Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.
Prompts: Computer prompt (Any prompt for TW v3.x or later)

Since:

SWATH 1.5

Method Summary

static void	exec (boolean sectorWarps, boolean portReports) Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.
-------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(boolean sectorWarps,
                        boolean portReports)
           throws java.lang.Exception
```


Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.

Parameters:

sectorWarps - true if sector warps should be downloaded, otherwise false.
portReports - true if port reports should be downloaded, otherwise false.

Since:

SWATH 1.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

[PREV CLASS](#) [NEXT CLASS](#)

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SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)

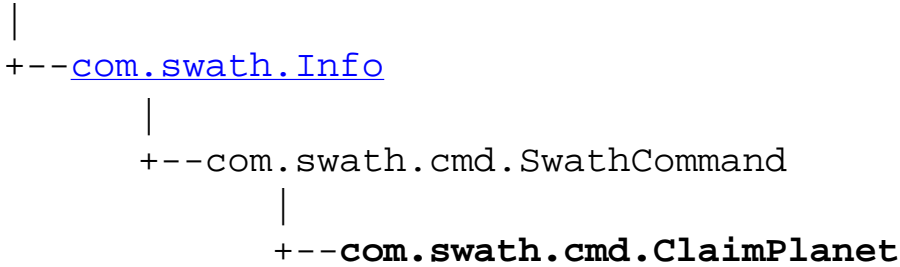
DETAIL: FIELD | CONSTR | [METHOD](#)

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com.swath.cmd

Class ClaimPlanet

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class ClaimPlanet
extends com.swath.cmd.SwathCommand
```

Claim ownership of the planet you are currently on.

Prompts: Planet prompt

Since:

SWATH 1.3

Method Summary

static void	exec (int owner) Claim ownership of the planet you are currently on.
java.lang.String	getClassName () Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(int owner)
           throws java.lang.Exception
```

Claim ownership of the planet you are currently on.

Parameters:

`owner` - Claim the planet as PERSONAL or CORPORATE.

Since:

SWATH 1.3

See Also:[Swath.PERSONAL](#), [Swath.CORPORATE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class ClearAvoidedSectors

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.ClearAvoidedSectors**

All Implemented Interfaces:

[CommandIfc](#)

public final class **ClearAvoidedSectors**
extends com.swath.cmd.SwathCommand

Clear avoided sectors.

Prompts: Computer prompt

Since:

SWATH 1.4

See Also:

[GetAvoidedSectors](#), [SetAvoidedSectors](#)

Method Summary

static void [exec](#)()

Clear all of the avoided sectors.

static void	<code>exec</code> (int sector) Clear an avoided sector.
static void	<code>exec</code> (int[] sectors) Clear avoided sectors.
static void	<code>exec</code> (<code>Sector</code> sector) Clear an avoided sector.
static void	<code>exec</code> (<code>Sector</code> [] sectors) Clear avoided sectors.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()  
    throws java.lang.Exception
```

Clear all of the avoided sectors.

Since:

SWATH 1.4

exec

```
public static void exec(int sector)  
    throws java.lang.Exception
```

Clear an avoided sector.

Parameters:

sector - The sector to clear.

Since:

SWATH 1.4

exec

```
public static void exec(int[] sectors)  
    throws java.lang.Exception
```

Clear avoided sectors.

Parameters:

sectors - An array with sectors to clear.

Since:

SWATH 1.4

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Clear an avoided sector.

Parameters:

`sector` - The sector to clear.

Since:

SWATH 1.6

exec

```
public static void exec(Sector[] sectors)
    throws java.lang.Exception
```

Clear avoided sectors.

Parameters:

`sectors` - An array with sectors to clear.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class CommandException

```

java.lang.Object
|
+-- java.lang.Throwable
    |
    +-- java.lang.Exception
        |
        +-- com.swath.SwathException
            |
            +-- com.swath.CommandException
  
```

All Implemented Interfaces:

java.io.Serializable

```

public class CommandException
  extends com.swath.SwathException
  
```

Command exception.

Thrown when the current command execution fails for some reason. By catching this exception, you have the possibility to recover and continue the script execution.

You can throw this exception from your own commands.

Since:

SWATH 1.6

See Also:

[Serialized Form](#)

Constructor Summary

[CommandException](#)([CommandIfc](#) command, java.lang.String error)

Constructor.

Method Summary

java.lang.String	getCommandName () Returns the command name.
------------------	---

Methods inherited from class java.lang.Throwable

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, toString

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

CommandException

```
public CommandException(CommandIfc command,
                        java.lang.String error)
```

Constructor.

Parameters:

command - The command.

error - The error text.

Since:

SWATH 1.6

Method Detail

getCommandName

```
public java.lang.String getCommandName( )
```

Returns the command name.

Returns:

The command name.

Since:

SWATH 1.7

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com.swath

Interface CommandIfc

All Known Implementing Classes:

com.swath.cmd.SwathCommand

public interface **CommandIfc**

This is the Command interface.

Since:

SWATH 1.3

Method Summary

java.lang.String	getClassName ()
------------------	----------------------------------

Gets the command class name.

java.lang.String	getName ()
------------------	-----------------------------

Gets the name of the command.

java.util.Enumeration	getParams ()
-----------------------	-------------------------------

Gets the command parameters.

boolean	isInternal ()
---------	--------------------------------

Indicates if this is an internal SWATH command or not.

boolean	isUserDefined ()
---------	-----------------------------------

Indicates if this command is user defined or not.

Method Detail

getName

```
public java.lang.String getName()
```

Gets the name of the command.

Returns:

The command name.

Since:

SWATH 1.3

getParams

```
public java.util.Enumeration getParams()
```

Gets the command parameters.

Returns:

The command parameters.

Since:

SWATH 1.3

isUserDefined

```
public boolean isUserDefined()
```

Indicates if this command is user defined or not.

Returns:

true if user defined, otherwise false.

Since:

SWATH 1.3

isInternal

```
public boolean isInternal()
```

Indicates if this is an internal SWATH command or not.

Returns:

true if internal, otherwise false.

Since:

SWATH 1.6.2

getClassName

```
public java.lang.String getClassName()
```

Gets the command class name.

Returns:

The class name.

Since:

SWATH 1.3

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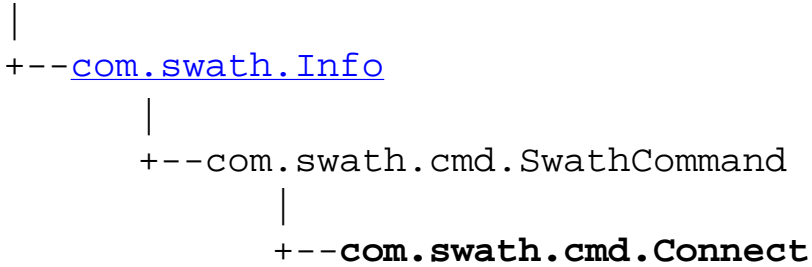
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com.swath.cmd

Class Connect

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **Connect**
 extends com.swath.cmd.SwathCommand

Connect to the TW game server.

Prompts: -

Since:

SWATH 1.6.2

See Also:

[Disconnect](#)

Method Summary

static void [exec](#)()

Connect to the TW game server.

static void	<u>exec</u> (<u>UserDefinedScript</u> script) Connect to the TW game server and run an auto-login script.
java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()  
    throws java.lang.Exception
```

Connect to the TW game server. You must be disconnected and have a game database loaded.

Since:

SWATH 1.6.2

exec

```
public static void exec(UserDefinedScript script)  
    throws java.lang.Exception
```

Connect to the TW game server and run an auto-login script. You must be disconnected and have a game database loaded. The auto-login script will be run with default parameters.

Parameters:

script - The auto-login script to run.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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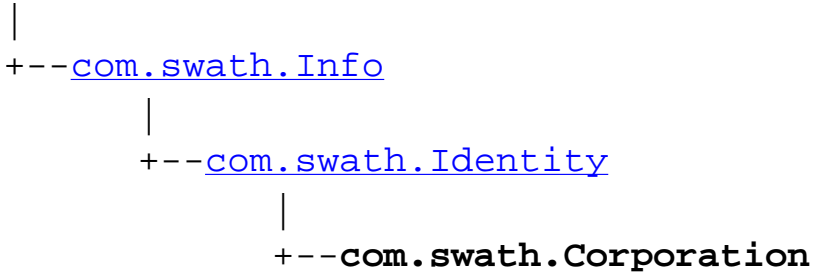
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com.swath

Class Corporation

java.lang.Object



All Implemented Interfaces:

java.lang.Cloneable

public final class **Corporation**extends [Identity](#)

This class represents a corporation in TW.

Since:

SWATH 1.5

Method Summary

[Trader](#)[ceo](#)()

Gets the current ceo of the corporation.

java.lang.Object

[clone](#)()

void	<code>dump()</code> Dumps the corporation info in the terminal window.
boolean	<code>equals()</code> (java.lang.Object obj) Compares this corporation to another one.
int	<code>id()</code> Gets the corporation identification number.
boolean	<code>isOnline()</code> Indicates if some member of this corporation is currently online.
boolean	<code>isYourCorporation()</code> Indicates if this is your corporation or not.
java.util.Date	<code>lastUpdate()</code> Gets the timestamp when the corporation information was last updated.
java.lang.String	<code>name()</code> Gets the name of the corporation.
int	<code>rank()</code> Gets the current rank of the corporation.
int	<code>relation()</code> Gets the current relation between you and this corporation.
java.lang.String	<code>toString()</code>

Methods inherited from class com.swath.[Identity](#)

[`getCorporation`](#), [`getTrader`](#), [`isCorporation`](#), [`isRealPlayer`](#), [`isTrader`](#), [`isUnknown`](#), [`isYou`](#)

Methods inherited from class java.lang.Object

[`getClass`](#), [`hashCode`](#), [`notify`](#), [`notifyAll`](#), [`wait`](#), [`wait`](#), [`wait`](#)

Method Detail

id

```
public int id()
```

Gets the corporation identification number.

Returns:

The corporation id.

Since:

SWATH 1.5

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

equals

```
public boolean equals(java.lang.Object obj)
```

Compares this corporation to another one.

Overrides:

[equals](#) in class [Identity](#)

Parameters:

obj - The other corporation.

Returns:

true if they are equal, otherwise false.

Since:

SWATH 1.5

See Also:

[isYourCorporation\(\)](#)

clone

```
public java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

Overrides:

[clone](#) in class [Identity](#)

isYourCorporation

```
public boolean isYourCorporation()
```

Indicates if this is your corporation or not.

Overrides:

[isYourCorporation](#) in class [Identity](#)

Returns:

true if this is your corporation, otherwise false.

Since:

SWATH 1.5

See Also:

[equals\(Object\)](#)

lastUpdate

```
public java.util.Date lastUpdate()  
    throws java.lang.Exception
```

Gets the timestamp when the corporation information was last updated.

Returns:

The last update or null if never updated.

Since:

SWATH 1.5

name

```
public java.lang.String name()  
    throws java.lang.Exception
```

Gets the name of the corporation.

Returns:

The corporation name.

Since:

SWATH 1.5

ceo

```
public Trader ceo()  
    throws java.lang.Exception
```

Gets the current ceo of the corporation.

Returns:

The corporation ceo.

Since:

SWATH 1.6

See Also:

[Trader](#)

rank

```
public int rank()  
    throws java.lang.Exception
```

Gets the current rank of the corporation.

Returns:

The current rank or -1 if unknown.

Since:

SWATH 1.6

relation

```
public int relation()  
    throws java.lang.Exception
```

Gets the current relation between you and this corporation.

Returns:

The relation status.

Since:

SWATH 1.5

See Also:

[Swath.WITH_YOU](#), [Swath.ALLIED](#), [Swath.NEUTRAL](#), [Swath.ENEMY](#)

isOnline

```
public boolean isOnline()  
    throws java.lang.Exception
```

Indicates if some member of this corporation is currently online.

Returns:

true if someone is online, otherwise false.

Since:

SWATH 1.7

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the corporation info in the terminal window.

Since:

SWATH 1.5

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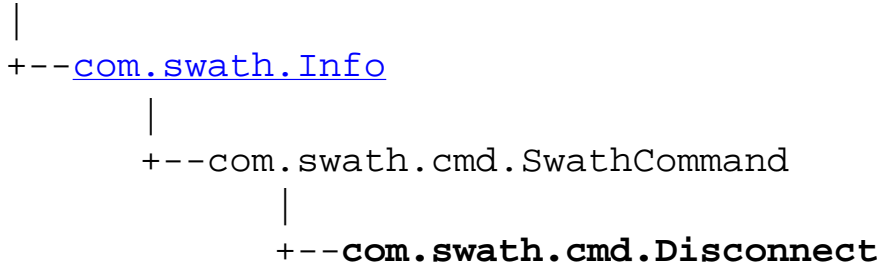
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SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)DETAIL: FIELD | CONSTR | [METHOD](#)

com.swath.cmd

Class Disconnect

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **Disconnect**
 extends com.swath.cmd.SwathCommand

Disconnect from the TW game server.

Prompts: -

Since:

SWATH 1.6.2

See Also:

[Connect](#)

Method Summary

static void [exec](#)()

Disconnect from the TW game server.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand


```
public boolean initCommand()
```

Overrides:

initCommand in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
    throws java.lang.Exception
```

Disconnect from the TW game server.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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com.swath

Class DisconnectedException

```

java.lang.Object
|
+-- java.lang.Throwable
    |
    +-- java.lang.Exception
        |
        +-- com.swath.SwathException
            |
            +-- com.swath.DisconnectedException
  
```

All Implemented Interfaces:

java.io.Serializable

```

public class DisconnectedException
extends com.swath.SwathException
  
```

Disconnected exception.

Thrown if SWATH is disconnected from the TW game server.

Since:

SWATH 1.6.2

See Also:

[Serialized Form](#)

Constructor Summary

[DisconnectedException](#)()[DisconnectedException](#)(java.lang.String msg)**Methods inherited from class java.lang.Throwable**

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, toString

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

DisconnectedException

```
public DisconnectedException()
```

DisconnectedException

```
public DisconnectedException(java.lang.String msg)
```

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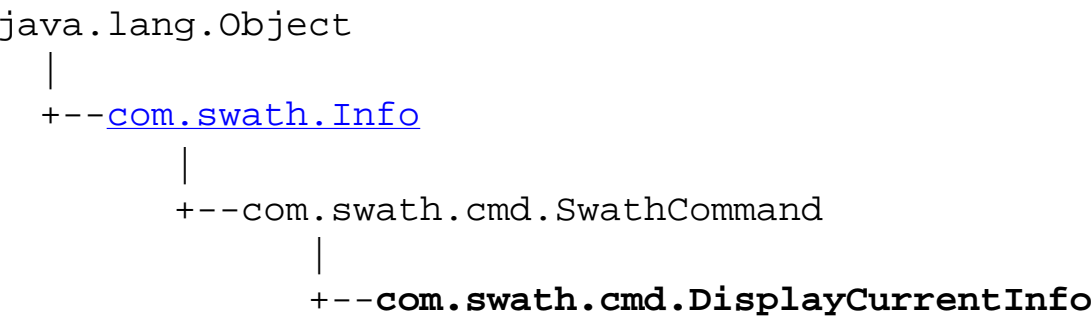
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com.swath.cmd

Class DisplayCurrentInfo



All Implemented Interfaces:

[CommandIfc](#)

public final class **DisplayCurrentInfo**
extends com.swath.cmd.SwathCommand

Display your current trader and ship information.
Prompts: Command prompt (Any prompt for quick mode and TW ver 3.x or later)

Since:
SWATH 1.4

Method Summary

static void	exec () Display your current trader and ship information.
static void	exec (boolean quickStats) Display your current trader and ship information.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
           throws java.lang.Exception
```

Display your current trader and ship information.

Since:SWATH 1.4

exec

```
public static void exec(boolean quickStats)
    throws java.lang.Exception
```

Display your current trader and ship information.

Parameters:

quickStats - true to use the quick mode, otherwise false.

Since:SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:[isInternal](#) in interface [CommandIfc](#)Following copied from interface: `com.swath.CommandIfc`**Returns:**

true if internal, otherwise false.

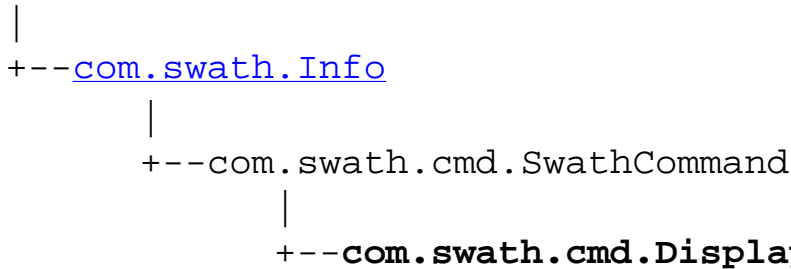
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com.swath.cmd

Class DisplaySector

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class DisplaySector
extends com.swath.cmd.SwathCommand
```

Display the current sector.

Prompts: Command and Citadel prompt

Since:

SWATH 1.4

Method Summary

static void [exec](#)()

Display the current sector.

java.lang.String [getClassName](#)()

Gets the command class name.

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
           throws java.lang.Exception
```

Display the current sector.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class DropTakeFighters

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.DropTakeFighters**

All Implemented Interfaces:

[CommandIfc](#)

public final class **DropTakeFighters**
extends com.swath.cmd.SwathCommand

Drop/Take fighters in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

Method Summary

static void [exec](#)()

Only pick up fighters in the current sector.

static void [exec](#)(int fighters, int owner, int type)

Drop/Take fighters in the current sector.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Only pick up fighters in the current sector.

Since:

SWATH 1.3

exec

```
public static void exec(int fighters,
                        int owner,
                        int type)
    throws java.lang.Exception
```

Drop/Take fighters in the current sector.

Parameters:

fighters - The number of fighters to leave. 0 means only pick up fighters.

owner - The owner type of the fighters to leave: PERSONAL or CORPORATE.

type - The type of the fighters to leave: TOLL, DEFENSIVE or OFFENSIVE.

Since:

SWATH 1.3

See Also:

[Swath.PERSONAL](#), [Swath.CORPORATE](#), [Swath.TOLL_FTRS](#),
[Swath.DEFENSIVE_FTRS](#), [Swath.OFFENSIVE_FTRS](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName


```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class DropTakeMines

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
            |
            +-- com.swath.cmd.DropTakeMines
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **DropTakeMines**
extends com.swath.cmd.SwathCommand

Drop/Take mines in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

Field Summary

static int [ARMID](#)

Armid mines.

static int [LIMPET](#)

Limpet mines.

Method Summary

static void	<code>exec</code> (int type) Only pick up mines in the current sector.
static void	<code>exec</code> (int type, int mines, int owner) Drop/Take mines in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

ARMID

`public static final int ARMID`

Armid mines.

LIMPET

```
public static final int LIMPET
```

Limpet mines.

Method Detail

initCommand

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int type)  
                throws java.lang.Exception
```

Only pick up mines in the current sector.

Parameters:

type - The type of mines to pick up: ARMID or LIMPET.

Since:

SWATH 1.3

See Also:

[ARMID](#), [LIMPET](#)

exec

```
public static void exec(int type,  
                        int mines,  
                        int owner)  
                throws java.lang.Exception
```

Drop/Take mines in the current sector.

Parameters:

type - The type of mines to leave: ARMID or LIMPET.

mines - The number of mines to leave. 0 means only pick up mines.

owner - The owner type of the mines to leave: PERSONAL or CORPORATE.

Since:

SWATH 1.3

See Also:

[ARMID](#), [LIMPET](#), [Swath.PERSONAL](#), [Swath.CORPORATE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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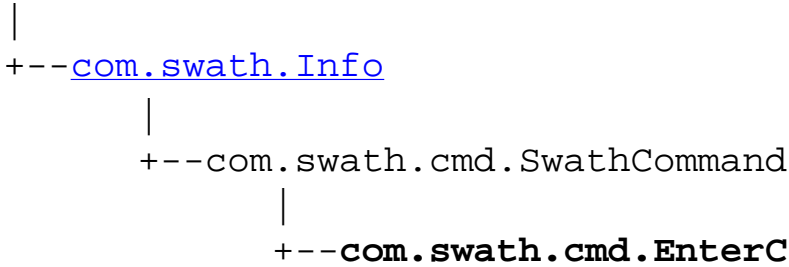
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com.swath.cmd

Class EnterCitadel

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class EnterCitadel
extends com.swath.cmd.SwathCommand
```

Enter the planet citadel.
Prompts: Planet prompt

Since:

SWATH 1.3

See Also:

[LeaveCitadel](#)

Method Summary

static void	exec ()
	Enter the planet citadel.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
           throws java.lang.Exception
```

Enter the planet citadel.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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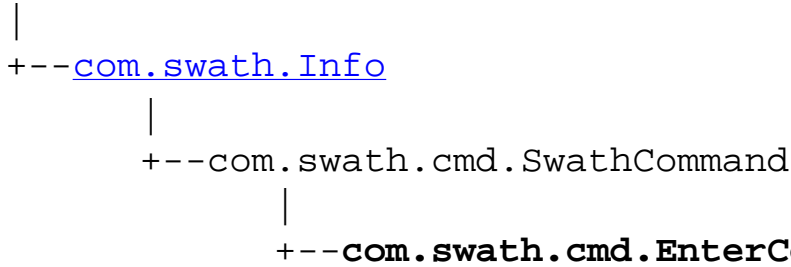
SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class EnterComputer

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **EnterComputer**
extends com.swath.cmd.SwathCommand

Enter the ship computer.

Prompts: Command and Citadel prompt

Since:

SWATH 1.3

See Also:

[LeaveComputer](#)

Method Summary

static void	exec () Enter the ship computer.
-------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Method Detail

initCommand

```
public boolean initCommand()  
           throws java.lang.Exception
```

Overrides:
initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()  
           throws java.lang.Exception
```

Enter the ship computer.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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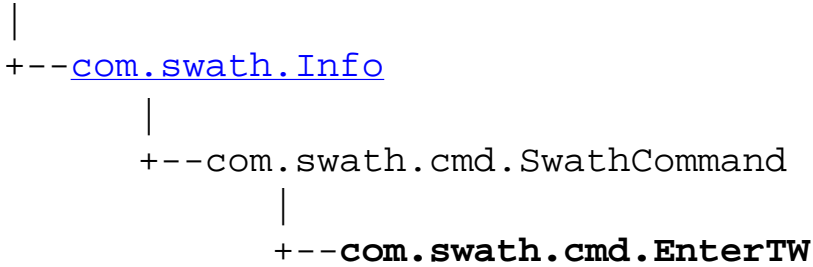
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com.swath.cmd

Class EnterTW

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class EnterTW
extends com.swath.cmd.SwathCommand
```

Enter a TradeWars game.

Prompts: -

Since:

SWATH 1.6.2

See Also:

[ReEnterTW](#), [QuitTW](#)

Method Summary

static void [exec](#)()

Enter a TradeWars game.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
           throws java.lang.Exception
```

Enter a TradeWars game. Will use password from preferences if needed.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Interface EventIfc

public interface **EventIfc**

This is the Event interface.

Since:

SWATH 1.7

Method Summary

java.lang.String	getClassName () Gets the event class name.
boolean	isEventClass (java.lang.Class eventClass) Indicates if this event matches a given event class.
boolean	isUserDefined () Indicates if this event is user defined or not.

Method Detail

isEventClass

public boolean **isEventClass**(java.lang.Class eventClass)

Indicates if this event matches a given event class.

Parameters:

eventClass - The event class.

Returns:

true if this event is of the same class, otherwise false.

Since:

SWATH 1.7

isUserDefined

```
public boolean isUserDefined()
```

Indicates if this event is user defined or not.

Returns:

true if user defined, otherwise false.

Since:

SWATH 1.7

getClassName

```
public java.lang.String getClassName()
```

Gets the event class name.

Returns:

The class name.

Since:

SWATH 1.7

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Class ExampleScript1

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript1
```

```
public class ExampleScript1
extends UserDefinedScript
```

This is my first SWATH script. It moves your ship to a sector and lands on a planet there.

Since:
SWATH 1.3

Constructor Summary

[ExampleScript1](#)()

Method Summary

void	endScript (boolean finished) Called by the framework when the script has finished. You should override this method to clean up after the script if needed.
------	---

static void	exec (int sector, Planet planet) Moves your ship to a sector and lands on a planet there.
-------------	--

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript1

```
public ExampleScript1()
```

Method Detail

getName


```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript

```
public boolean initScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - true if the script finished correctly or false if the script was interrupted in some way.

exec

```
public static void exec(int sector,  
                        Planet planet)  
    throws java.lang.Exception
```

Moves your ship to a sector and lands on a planet there.

Parameters:

`sector` - The sector to move to.

`planet` - The planet to land on.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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Class ExampleScript2

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript2
```

```
public class ExampleScript2
extends UserDefinedScript
```

This script trades a product between two ports. It buys from the port in sector 1 and sells to the port in sector 2.

Since:

SWATH 1.3

Constructor Summary

[ExampleScript2](#)()

Method Summary

void	endScript (boolean finished) Called by the framework when the script has finished. You should override this method to clean up after the script if needed.
------	---

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript2

```
public ExampleScript2()
```

Method Detail

getName

```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript

```
public boolean initScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - `true` if the script finished correctly or `false` if the script was interrupted in some way.

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Class ExampleScript3

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript3
```

```
public class ExampleScript3
extends UserDefinedScript
```

This script demonstrate how to retrieve data from SWATH. It also prints the data and asks the user some questions.

Since:

SWATH 1.3

Constructor Summary

[ExampleScript3](#)()

Method Summary

void	endScript (boolean finished) Called by the framework when the script has finished. You should override this method to clean up after the script if needed.
------	---

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript3

```
public ExampleScript3()
```

Method Detail

getName

```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript

```
public boolean initScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - `true` if the script finished correctly or `false` if the script was interrupted in some way.

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Class ExampleScript4

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript4
```

```
public class ExampleScript4
extends UserDefinedScript
```

"The Sector Guard"

Shows how to wait for text and how to send your own commando sequences to the TW server.

NOTE: This solution is only temporary. In the future you will use Events to get input and User Defined Commands when necessary.

Since:

SWATH 1.3

Constructor Summary

[ExampleScript4](#)()

Method Summary

void	endScript (boolean finished)
	Called by the framework when the script has finished.
	You should override this method to clean up after the script if needed.

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript4

```
public ExampleScript4()
```

Method Detail

getName

```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript


```
public boolean initScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - `true` if the script finished correctly or `false` if the script was interrupted in some way.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

Class ExampleScript5

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript5
```

```
public class ExampleScript5
extends UserDefinedScript
```

This script shows how to create and display your own custom parameter window. You can add any number of components in any way. Read more about the Java Abstract Window Toolkit (AWT) for information on how to use the different components available.

Since:

SWATH 1.4

Constructor Summary

[ExampleScript5](#)()

Method Summary

void	endScript (boolean finished)
	Called by the framework when the script has finished.
	You should override this method to clean up after the script if needed.

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript5

```
public ExampleScript5()
```

Method Detail

getName

```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript

```
public boolean initScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)  
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - `true` if the script finished correctly or `false` if the script was interrupted in some way.

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Class ExampleScript6

```
java.lang.Object
|
+--com.swath.UserDefinedScript
    |
    +--ExampleScript6
```

```
public class ExampleScript6
extends UserDefinedScript
```

This script demonstrates how to play sound files.

Since:

SWATH 1.5

Constructor Summary

[ExampleScript6](#)()

Method Summary

void	endScript (boolean finished) Called by the framework when the script has finished. You should override this method to clean up after the script if needed.
------	---

java.lang.String	getDescription () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	getName () Called by the framework to get the name of the script. You should override this method.
boolean	initScript () Called by the framework to initialise the script. You should override this method to make your own initialisation.
boolean	runScript () Called by the framework to run the script. You should override this method to define the script body.

Methods inherited from class com.swath.[UserDefinedScript](#)

[atPrompt](#), [execInstance](#), [getClassName](#), [getParams](#), [getResource](#),
[initInstance](#), [registerParam](#), [showUserParamWindow](#),
[showUserParamWindow](#), [sleep](#)

Methods inherited from class java.lang.Object

[equals](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Constructor Detail

ExampleScript6

```
public ExampleScript6()
```

Method Detail

getName

```
public java.lang.String getName()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

Overrides:

[getName](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script name.

getDescription

```
public java.lang.String getDescription()
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Overrides:

[getDescription](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

The script description.

initScript

```
public boolean initScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Overrides:

[initScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the initialisation was successful, otherwise false.

See Also:

[UserDefinedScript.atPrompt\(int\)](#),

[UserDefinedScript.showUserParamWindow\(Panel,int,int\)](#),

[UserDefinedScript.showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

Overrides:

[runScript](#) in class [UserDefinedScript](#)

Following copied from class: com.swath.UserDefinedScript

Returns:

true if the script finished correctly, otherwise false.

endScript

```
public void endScript(boolean finished)
    throws java.lang.Exception
```

Description copied from class: [UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Overrides:

[endScript](#) in class [UserDefinedScript](#)

Following copied from class: `com.swath.UserDefinedScript`

Parameters:

`finished` - `true` if the script finished correctly or `false` if the script was interrupted in some way.

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com.swath.cmd

Class FirePhotonMissile

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.FirePhotonMissile**

All Implemented Interfaces:

[CommandIfc](#)

```
public final class FirePhotonMissile  
extends com.swath.cmd.SwathCommand
```

Fire a photon missile into a sector.

Prompts: Computer prompt

Since:

SWATH 1.3

Method Summary

static void	exec (int sector) Fire a photon missile into a sector.
static void	exec (Sector sector) Fire a photon missile into a sector.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
           throws java.lang.Exception
```

Fire a photon missile into a sector.

Parameters:

sector - The sector where to fire the photon missile.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Fire a photon missile into a sector.

Parameters:

sector - The sector where to fire the photon missile.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```


Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

`true` if internal, otherwise `false`.

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com.swath.cmd

Class GetAvoidedSectors

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.GetAvoidedSectors
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **GetAvoidedSectors**
 extends com.swath.cmd.SwathCommand

Get the current list of avoided sectors.

Prompts: Computer prompt

Since:

SWATH 1.4

See Also:

[SetAvoidedSectors](#), [ClearAvoidedSectors](#)

Method Summary

static int[]	exec ()
Get the current list of avoided sectors.	

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static int[] exec()
           throws java.lang.Exception
```

Get the current list of avoided sectors.

Returns:

An array with the avoided sectors.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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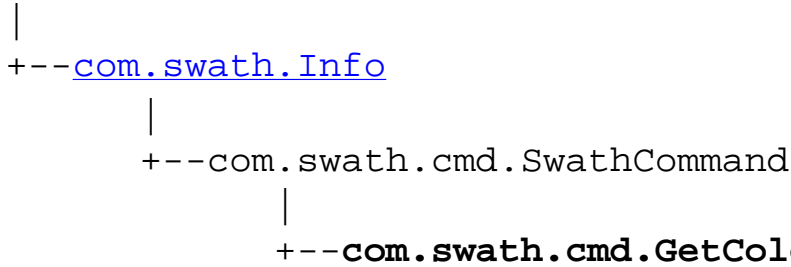
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com.swath.cmd

Class GetColonists

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **GetColonists**
extends com.swath.cmd.SwathCommand

Get colonists from Terra.
Prompts: Command prompt

Since:
SWATH 1.3

Method Summary

static void	exec () Get colonists from Terra and take as many as possible.
static void	exec (int colonists) Get colonists from Terra.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
    throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
    throws java.lang.Exception
```

Get colonists from Terra and take as many as possible.

Since:SWATH 1.3

exec

```
public static void exec(int colonists)
    throws java.lang.Exception
```

Get colonists from Terra.

Parameters:

`colonists` - The number of colonists to get.

Since:SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:[isInternal](#) in interface [CommandIfc](#)Following copied from interface: `com.swath.CommandIfc`**Returns:**

true if internal, otherwise false.

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com.swath

Class Identity

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.Identity****All Implemented Interfaces:**

java.lang.Cloneable

Direct Known Subclasses:[Corporation](#), [Trader](#)public abstract class **Identity**extends [Info](#)

implements java.lang.Cloneable

This class represents an identity and is either a trader or a corporation.

Since:

SWATH 1.5

See Also:[Trader](#), [Corporation](#)

Method Summary

abstract java.lang.Object [clone](#) ()abstract boolean [equals](#) (java.lang.Object obj)
Compares this identity to another one.

Corporation	getCorporation () Returns the corporation.
Trader	getTrader () Returns the trader.
boolean	isCorporation () Indicates if the identity is a corporation or not.
boolean	isRealPlayer () Indicates if this is a real player or a computer controlled trader.
boolean	isTrader () Indicates if the identity is a trader or not.
boolean	isUnknown () Indicates if the identity is unknown or not.
boolean	isYou () Indicates if this is you or not.
boolean	isYourCorporation () Indicates if this is your corporation or not.

Methods inherited from class java.lang.Object

`getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Method Detail

equals

```
public abstract boolean equals(java.lang.Object obj)
```

Compares this identity to another one.

Overrides:

`equals` in class `java.lang.Object`

Parameters:

`obj` - The other identity.

Returns:

true if they are equal, otherwise false.

Since:

SWATH 1.5

See Also:

[isYou\(\)](#), [isYourCorporation\(\)](#)

clone

```
public abstract java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

isTrader

```
public boolean isTrader()
```

Indicates if the identity is a trader or not.

Returns:

true if it is a trader, otherwise false.

Since:

SWATH 1.5

See Also:

[isCorporation\(\)](#), [isUnknown\(\)](#), [getTrader\(\)](#)

isCorporation

```
public boolean isCorporation()
```

Indicates if the identity is a corporation or not.

Returns:

true if it is a corporation, otherwise false.

Since:

SWATH 1.5

See Also:

[isTrader\(\)](#), [isUnknown\(\)](#), [getCorporation\(\)](#)

isUnknown

```
public boolean isUnknown()
```

Indicates if the identity is unknown or not.

Returns:

true if it is unknown, otherwise false.

Since:

SWATH 1.5

See Also:

[isTrader\(\)](#), [isCorporation\(\)](#)

getTrader

```
public Trader getTrader()
```

Returns the trader. (Only valid if the identity is a trader)

Returns:

The trader or null if the identity is not a trader.

Since:

SWATH 1.5

See Also:

[isTrader\(\)](#), [getCorporation\(\)](#)

getCorporation

```
public Corporation getCorporation()
```

Returns the corporation. (Only valid if the identity is a corporation)

Returns:

The corporation or null if the identity is not a corporation.

Since:

SWATH 1.5

See Also:

[isCorporation\(\)](#), [getTrader\(\)](#)

isYou

```
public boolean isYou()
```

Indicates if this is you or not.

Returns:

true if it is you, otherwise false.

Since:

SWATH 1.5

See Also:

[isRealPlayer\(\)](#), [isYourCorporation\(\)](#), [equals\(Object\)](#)

isRealPlayer

```
public boolean isRealPlayer()
```

Indicates if this is a real player or a computer controlled trader.

Returns:

true if this is a real player, otherwise false.

Since:

SWATH 1.6

See Also:

[isYou\(\)](#), [isYourCorporation\(\)](#), [equals\(Object\)](#)

isYourCorporation

```
public boolean isYourCorporation()
```

Indicates if this is your corporation or not.

Returns:

true if it is your corporation, otherwise false.

Since:

SWATH 1.5

See Also:

[isYou\(\)](#), [isRealPlayer\(\)](#), [equals\(Object\)](#)

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com.swath

Class Info

java.lang.Object

|

+-- **com.swath.Info**

Direct Known Subclasses:

[Bubble](#), [Identity](#), [MainInfo](#), [Planet](#), [PlanetClass](#), [Sector](#), [Ship](#), [ShipCategory](#),
com.swath.cmd.SwathCommandpublic abstract class **Info**

extends java.lang.Object

This is an abstract base class for information access used by SWATH.

Since:

SWATH 1.3

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait[Overview](#) [Package](#) **[Class](#)** [Tree](#) [Deprecated](#) [Index](#) [Help](#)[PREV CLASS](#) [NEXT CLASS](#)[FRAMES](#) [NO FRAMES](#)SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)

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com.swath.cmd

Class JettisonCargo

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
            |
            +-- com.swath.cmd.JettisonCargo
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **JettisonCargo**
extends com.swath.cmd.SwathCommand

Jettison all the cargo.

Prompts: Command prompt

Since:

SWATH 1.3

Method Summary

static void [exec](#)()

Jettison all the cargo.

java.lang.String [getClassName](#)()

Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec()
           throws java.lang.Exception
```

Jettison all the cargo.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams( )
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal( )
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class Land

```
java.lang.Object
|
+--com.swath.Info
    |
    +--com.swath.cmd.SwathCommand
        |
        +--com.swath.cmd.Land
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **Land**
extends com.swath.cmd.SwathCommand

Land on a planet in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[LiftOff](#)

Method Summary

static void	exec (int planet)
	Land on a planet in the current sector.

static void	<code>exec</code> (<code>Planet</code> planet) Land on a planet in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int planet)
```

throws java.lang.Exception

Land on a planet in the current sector.

Parameters:

planet - The planet to land on.

Since:

SWATH 1.3

exec

```
public static void exec(Planet planet)
    throws java.lang.Exception
```

Land on a planet in the current sector.

Parameters:

planet - The planet to land on.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal


```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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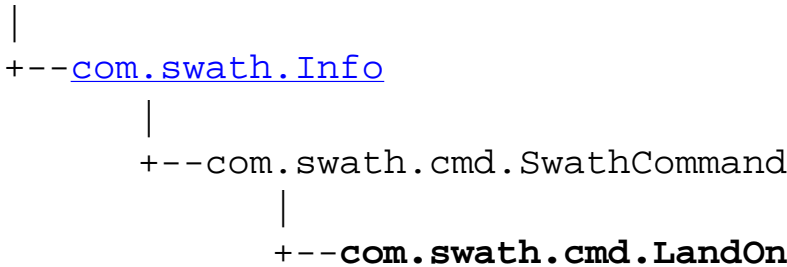
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com.swath.cmd

Class LandOnStarDock

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **LandOnStarDock**
extends com.swath.cmd.SwathCommand

Land on the StarDock.

Prompts: Command prompt

Since:

SWATH 1.4

See Also:

[LeaveStarDock](#)

Method Summary

static void [exec](#)()

Land on the StarDock.

java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()  
           throws java.lang.Exception
```

Overrides:
initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()  
           throws java.lang.Exception
```

Land on the StarDock.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class LaunchEtherProbe

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.LaunchEtherProbe**

All Implemented Interfaces:

[CommandIfc](#)

public final class **LaunchEtherProbe**
extends com.swath.cmd.SwathCommand

Launch an ether probe.

Prompts: Command prompt

Since:

SWATH 1.3

Method Summary

static int	exec (int sector) Launch an ether probe.
------------	---

static int	exec (Sector sector) Launch an ether probe.
------------	---

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int exec(int sector)
           throws java.lang.Exception
```

Launch an ether probe.

Parameters:

`sector` - The sector where to send the ether probe.

Returns:

The returned value is one of the following:

- `>0` - The positive sector number where the probe successfully self destructed.
- `<0` - The negative sector number where the probe was destroyed by fighters.
- `0` - If no probe was launched for some reason.

Since:

SWATH 1.3

exec

```
public static int exec(Sector sector)
    throws java.lang.Exception
```

Launch an ether probe.

Parameters:

`sector` - The sector where to send the ether probe.

Returns:

The returned value is one of the following:

- `>0` - The positive sector number where the probe successfully self destructed.
- `<0` - The negative sector number where the probe was destroyed by fighters.
- `0` - If no probe was launched for some reason.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined( )
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

`true` if user defined, otherwise `false`.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class LaunchGenesisTorpedo

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.LaunchGenesisTorpedo**

All Implemented Interfaces:

[CommandIfc](#)

```
public final class LaunchGenesisTorpedo  
extends com.swath.cmd.SwathCommand
```

Launch a genesis torpedo in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

Method Summary

static void	exec (java.lang.String name, int owner) Launch a genesis torpedo in the current sector.
-------------	---

java.lang.String	getClassName () Gets the command class name.
------------------	--

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String name,
                       int owner)
           throws java.lang.Exception
```

Launch a genesis torpedo in the current sector.

Parameters:

name - The planet name.

owner - The owner type of the new planet: PERSONAL or CORPORATE.

Since:

SWATH 1.3

See Also:

[Swath.PERSONAL](#), [Swath.CORPORATE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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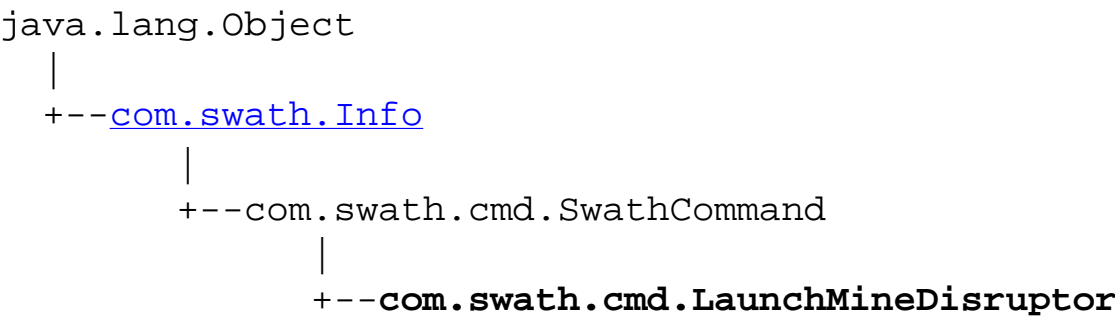
[FRAMES](#) [NO FRAMES](#)

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com.swath.cmd

Class LaunchMineDisruptor



All Implemented Interfaces:

[CommandIfc](#)

public final class **LaunchMineDisruptor**
extends com.swath.cmd.SwathCommand

Launch a mine disruptor into a sector.

Prompts: Computer prompt

Since:
SWATH 1.3

Method Summary	
static void	exec (int sector) Launch a mine disruptor into a sector.
static void	exec (Sector sector) Launch a mine disruptor into a sector.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
           throws java.lang.Exception
```

Launch a mine disruptor into a sector.

Parameters:

sector - The sector where to send the mine disruptor.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Launch a mine disruptor into a sector.

Parameters:

sector - The sector where to send the mine disruptor.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class LeaveCitadel

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
            |
            +-- com.swath.cmd.LeaveCitadel
```

All Implemented Interfaces:

[CommandIfc](#)

```
public final class LeaveCitadel
    extends com.swath.cmd.SwathCommand
```

Leave the planet citadel.

Prompts: Citadel prompt

Since:

SWATH 1.3

See Also:

[EnterCitadel](#)

Method Summary

static void [exec](#)()

Leave the planet citadel.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
           throws java.lang.Exception
```

Leave the planet citadel.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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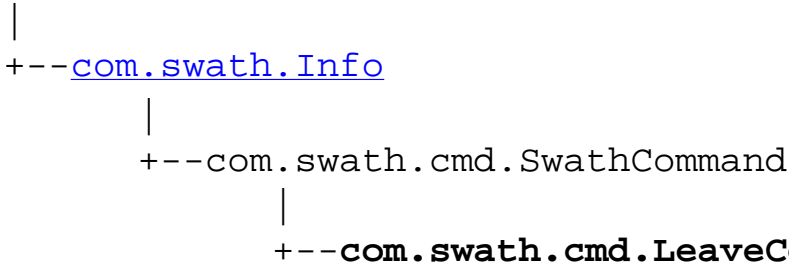
[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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Class LeaveComputer

`java.lang.Object`

All Implemented Interfaces:

[CommandIfc](#)

```
public final class LeaveComputer
extends com.swath.cmd.SwathCommand
```

Leave the ship computer.

Prompts: Computer prompt

Since:

SWATH 1.3

See Also:

[EnterComputer](#)

Method Summary

<code>static void</code>	<code>exec</code> () Leave the ship computer.
--------------------------	---

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Leave the ship computer.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class LeaveStarDock

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
            |
            +-- com.swath.cmd.LeaveStarDock
```

All Implemented Interfaces:

[CommandIfc](#)

```
public final class LeaveStarDock
    extends com.swath.cmd.SwathCommand
```

Leave the StarDock.

Prompts: StarDock prompt

Since:

SWATH 1.4

See Also:

[LandOnStarDock](#)

Method Summary

static void [exec](#)()

Leave the StarDock.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Leave the StarDock.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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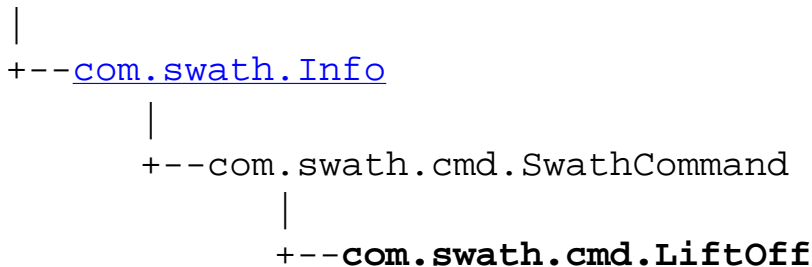
SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

com.swath.cmd

Class LiftOff

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **LiftOff**
extends com.swath.cmd.SwathCommand

Lift off from the planet.
Prompts: Planet prompt

Since:
SWATH 1.3

See Also:
[Land](#)

Method Summary

static void	exec () Lift off from the planet.
-------------	---

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Method Detail

initCommand

```
public boolean initCommand()  
           throws java.lang.Exception
```

Overrides:
initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()  
           throws java.lang.Exception
```

Lift off from the planet.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class MainInfo

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.MainInfo**public final class **MainInfo**extends [Info](#)

This class contains methods for accessing main game and SWATH information.

Since:

SWATH 1.3

Method Summary

int[]

[class0ports](#)()

Gets the locations of the class 0 ports.

int

[currPlanet](#)()

Gets the current planet number.

int

[currSector](#)()

Gets the current sector number.

void

[dump](#)()

Dumps all the main info in the terminal window.

java.lang.String	<u>gameName</u> () Gets the current TradeWars game name.
java.io.File	<u>gamePath</u> () Gets the current TradeWars game path.
java.lang.String	<u>gameVersion</u> () Gets the current TradeWars game version.
java.lang.String	<u>hostname</u> () Gets the name or IP address of the game host.
boolean	<u>isConnected</u> () Indicates if SWATH is connected to a game server or not.
boolean	<u>isGoldGame</u> () Indicates if the current TradeWars game is Gold enabled.
boolean	<u>isMBBSGame</u> () Indicates if the current TradeWars game is MBBS enabled.
int	<u>lastRobStealSector</u> () Gets the last sector where you robbed or stole from the port.
int	<u>port</u> () Gets the port number.
int	<u>prompt</u> () Gets the current prompt.
int	<u>sectors</u> () Gets the total number of sectors in the database.
int	<u>stardock</u> () Gets the StarDock location.
java.io.File	<u>swathPath</u> () Gets the path to the SWATH installation.
java.lang.String	<u>swathVersion</u> () Gets the current SWATH version.
int	<u>timeOnline</u> () Returns how long time SWATH has been connected to the current game server.

Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

Method Detail

sectors

```
public int sectors()
    throws java.lang.Exception
```

Gets the total number of sectors in the database.

Returns:

Total number of sectors.

Since:

SWATH 1.3

currSector

```
public int currSector()
    throws java.lang.Exception
```

Gets the current sector number.

Returns:

The current sector number.

Since:

SWATH 1.3

currPlanet

```
public int currPlanet()
    throws java.lang.Exception
```

Gets the current planet number.

Returns:

The current planet number or 0 if not on a planet.

Since:

SWATH 1.4

prompt

```
public int prompt()  
    throws java.lang.Exception
```

Gets the current prompt.

Returns:

The current prompt or `Swath.NO_PROMPT` if you're not at any prompt for the moment.

Since:

SWATH 1.3

See Also:

[Swath.NO_PROMPT](#), [Swath.COMMAND_PROMPT](#), [Swath.COMPUTER_PROMPT](#),
[Swath.PLANET_PROMPT](#), [Swath.CITADEL_PROMPT](#), [Swath.CORP_PROMPT](#),
[Swath.STARDOCK_PROMPT](#)

stardock

```
public int stardock()  
    throws java.lang.Exception
```

Gets the StarDock location.

Returns:

The StarDock sector or 0 if not known.

Since:

SWATH 1.3

class0ports

```
public int[] class0ports()  
    throws java.lang.Exception
```


Gets the locations of the class 0 ports.

Returns:

An array with all known class 0 port sectors.

Since:

SWATH 1.3

lastRobStealSector

```
public int lastRobStealSector()  
           throws java.lang.Exception
```

Gets the last sector where you robbed or stole from the port.

Returns:

The last sector where you robbed or stole or 0 if none.

Since:

SWATH 1.3

hostname

```
public java.lang.String hostname()  
           throws java.lang.Exception
```

Gets the name or IP address of the game host.

Returns:

The hostname/IP.

Since:

SWATH 1.3

See Also:

[port\(\)](#)

port

```
public int port()  
           throws java.lang.Exception
```

Gets the port number.

Returns:

The port number.

Since:

SWATH 1.3

See Also:

[hostname\(\)](#)

swathPath

```
public java.io.File swathPath()  
    throws java.lang.Exception
```

Gets the path to the SWATH installation.

Returns:

The SWATH path.

Since:

SWATH 1.5

swathVersion

```
public java.lang.String swathVersion()  
    throws java.lang.Exception
```

Gets the current SWATH version.

Returns:

The SWATH version.

Since:

SWATH 1.3

gamePath

```
public java.io.File gamePath()  
    throws java.lang.Exception
```

Gets the current TradeWars game path.

Returns:

The TW game path.

Since:

SWATH 1.5

See Also:

[gameName\(\)](#)

gameName

```
public java.lang.String gameName()  
    throws java.lang.Exception
```

Gets the current TradeWars game name.

Returns:

The TW game name.

Since:

SWATH 1.5

See Also:

[gamePath\(\)](#)

gameVersion

```
public java.lang.String gameVersion()  
    throws java.lang.Exception
```

Gets the current TradeWars game version.

Returns:

The TW game version.

Since:

SWATH 1.3

isMBBSGame

```
public boolean isMBBSGame()
```

throws `java.lang.Exception`

Indicates if the current TradeWars game is MBBS enabled.

Returns:

true if the TW game is MBBS enabled, otherwise false.

Since:

SWATH 1.5

See Also:

[`isGoldGame\(\)`](#)

isGoldGame

```
public boolean isGoldGame()  
    throws java.lang.Exception
```

Indicates if the current TradeWars game is Gold enabled.

Returns:

true if the TW game is Gold enabled, otherwise false.

Since:

SWATH 1.5

See Also:

[`isMBBSGame\(\)`](#)

isConnected

```
public boolean isConnected()  
    throws java.lang.Exception
```

Indicates if SWATH is connected to a game server or not.

Returns:

true if connected, otherwise false.

Since:

SWATH 1.6.2

See Also:

[`timeOnline\(\)`](#)

timeOnline

```
public int timeOnline()
    throws java.lang.Exception
```

Returns how long time SWATH has been connected to the current game server. Only valid if SWATH is connected to a game server.

Returns:

The number of seconds online.

Since:

SWATH 1.6.5

See Also:

[isConnected\(\)](#)

dump

```
public void dump()
    throws java.lang.Exception
```

Dumps all the main info in the terminal window.

Since:

SWATH 1.3

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[FRAMES](#) [NO FRAMES](#)

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com.swath.cmd

Class MakeAnnouncement

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.MakeAnnouncement**

All Implemented Interfaces:

[CommandIfc](#)

public final class **MakeAnnouncement**
extends com.swath.cmd.SwathCommand

Make an announcement.

Prompts: Computer prompt

Since:

SWATH 1.4

Method Summary

static void	exec (java.lang.String text) Make an announcement.
-------------	---

java.lang.String	getClassName () Gets the command class name.
------------------	--

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(java.lang.String text)
           throws java.lang.Exception
```

Make an announcement.

Parameters:

`text` - The text to announce.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

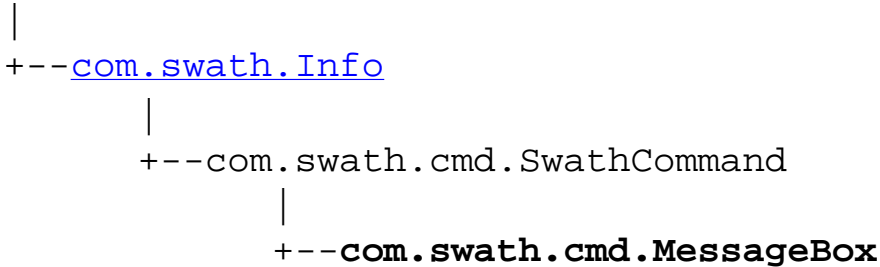
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com.swath.cmd

Class MessageBox

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class MessageBox
extends com.swath.cmd.SwathCommand
```

Display a message box to the user.

Prompts: -**Since:**

SWATH 1.3

Field Summary

static int [ICON_ERROR](#)

An 'error' icon.

static int [ICON_EXCLAMATION](#)

An 'exclamation' icon.

static int	<u>ICON_INFORMATION</u> An 'information' icon.
static int	<u>ICON_QUESTION</u> A 'question' icon.
static int	<u>ICON_STOP</u> A 'stop' icon.
static int	<u>ICON_WARNING</u> A 'warning' icon.
static int	<u>RES_ABORT</u> Return value 'Abort'.
static int	<u>RES_CANCEL</u> Return value 'Cancel'.
static int	<u>RES_IGNORE</u> Return value 'Ignore'.
static int	<u>RES_NO</u> Return value 'No'.
static int	<u>RES_OK</u> Return value 'Ok'.
static int	<u>RES_RETRY</u> Return value 'Retry'.
static int	<u>RES_YES</u> Return value 'Yes'.
static int	<u>TYPE_ABORT_RETRY_IGNORE</u> 'Abort-Retry-Ignore' message box.
static int	<u>TYPE_OK</u> 'Ok' message box.
static int	<u>TYPE_OK_CANCEL</u> 'Ok-Cancel' message box.
static int	<u>TYPE_RETRY_CANCEL</u> 'Retry-Cancel' message box.
static int	<u>TYPE_YES_NO</u> 'Yes-No' message box.

static int

[TYPE_YES_NO_CANCEL](#)

'Yes-No-Cancel' message box.

Method Summary

static int

[exec](#)(java.lang.String text,
java.lang.String caption, int icon, int type)
Display a message box to the user.

java.lang.String

[getClassName](#)()
Gets the command class name.

java.lang.String

[getName](#)()
Gets the name of the command.

java.util.Enumeration

[getParams](#)()
Gets the command parameters.

boolean

[initCommand](#)()

boolean

[isInternal](#)()
Indicates if this is an internal SWATH command or not.

boolean

[isUserDefined](#)()
Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait

Field Detail

ICON_STOP

public static final int **ICON_STOP**

A 'stop' icon.

ICON_ERROR

```
public static final int ICON_ERROR
```

An 'error' icon.

ICON_QUESTION

```
public static final int ICON_QUESTION
```

A 'question' icon.

ICON_EXCLAMATION

```
public static final int ICON_EXCLAMATION
```

An 'exclamation' icon.

ICON_WARNING

```
public static final int ICON_WARNING
```

A 'warning' icon.

ICON_INFORMATION

```
public static final int ICON_INFORMATION
```

An 'information' icon.

TYPE_OK

```
public static final int TYPE_OK
```

'Ok' message box.

TYPE_OK_CANCEL

```
public static final int TYPE_OK_CANCEL
```

'Ok-Cancel' message box.

TYPE_YES_NO

```
public static final int TYPE_YES_NO
```

'Yes-No' message box.

TYPE_YES_NO_CANCEL

```
public static final int TYPE_YES_NO_CANCEL
```

'Yes-No-Cancel' message box.

TYPE_RETRY_CANCEL

```
public static final int TYPE_RETRY_CANCEL
```

'Retry-Cancel' message box.

TYPE_ABORT_RETRY_IGNORE

```
public static final int TYPE_ABORT_RETRY_IGNORE
```

'Abort-Retry-Ignore' message box.

RES_OK

```
public static final int RES_OK
```

Return value 'Ok'.

RES_CANCEL

```
public static final int RES_CANCEL
```

Return value 'Cancel'.

RES_ABORT

```
public static final int RES_ABORT
```

Return value 'Abort'.

RES_RETRY

```
public static final int RES_RETRY
```

Return value 'Retry'.

RES_IGNORE

```
public static final int RES_IGNORE
```

Return value 'Ignore'.

RES_YES

```
public static final int RES_YES
```

Return value 'Yes'.

RES_NO

```
public static final int RES_NO
```

Return value 'No'.

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int exec(java.lang.String text,  
                        java.lang.String caption,  
                        int icon,  
                        int type)  
    throws java.lang.Exception
```

Display a message box to the user.

Parameters:

text - The text to display in the message box.

caption - The caption text of the message box.

icon - The icon to display in the message box.

type - The type of message box to display.

Returns:

The user choice.

Since:

SWATH 1.3

See Also:

[ICON_STOP](#), [ICON_ERROR](#), [ICON_QUESTION](#), [ICON_EXCLAMATION](#),
[ICON_WARNING](#), [ICON_INFORMATION](#), [TYPE_OK](#), [TYPE_OK_CANCEL](#),
[TYPE_YES_NO](#), [TYPE_YES_NO_CANCEL](#), [TYPE_RETRY_CANCEL](#),
[TYPE_ABORT_RETRY_IGNORE](#), [RES_OK](#), [RES_CANCEL](#), [RES_YES](#), [RES_NO](#),
[RES_ABORT](#), [RES_RETRY](#), [RES_IGNORE](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

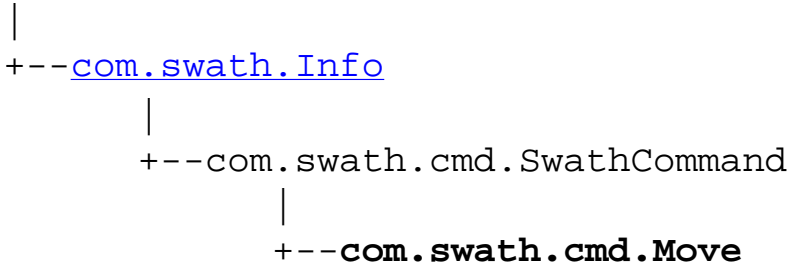
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com.swath.cmd

Class Move

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **Move**
extends com.swath.cmd.SwathCommand

Move to another sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[Transport](#), [TransWarp](#), [PlanetTransport](#), [PlanetWarp](#)

Method Summary

static void [exec](#)(int sector)

Move to another sector without scanning.

static void	<code>exec</code> (int sector, boolean densityScan, boolean holoScan) Move to another sector and scan along the way.
static void	<code>exec</code> (Sector sector) Move to another sector without scanning.
static void	<code>exec</code> (Sector sector, boolean densityScan, boolean holoScan) Move to another sector and scan along the way.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
    throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int sector)
    throws java.lang.Exception
```

Move to another sector without scanning.

Parameters:

sector - The sector to move to.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Move to another sector without scanning.

Parameters:

sector - The sector to move to.

Since:

SWATH 1.6

exec

```
public static void exec(int sector,
    boolean densityScan,
    boolean holoScan)
    throws java.lang.Exception
```

Move to another sector and scan along the way.

Parameters:

sector - The sector to move to.

densityScan - true to density scan before moving, otherwise false.

holoScan - true to holo scan before moving, otherwise false.

Since:

SWATH 1.6.5

exec

```
public static void exec(Sector sector,  
                        boolean densityScan,  
                        boolean holoScan)  
    throws java.lang.Exception
```

Move to another sector and scan along the way.

Parameters:

sector - The sector to move to.

densityScan - true to density scan before moving, otherwise false.

holoScan - true to holo scan before moving, otherwise false.

Since:

SWATH 1.6.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassNames

```
public final java.lang.String getClassNames()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassNames](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal


```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class MoveColonists

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.MoveColonists
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **MoveColonists**
 extends com.swath.cmd.SwathCommand

Move colonists from one product to another on the current planet.

Prompts: Planet prompt

Since:

SWATH 1.6.2

Method Summary

static void	exec (int colonists, int fromProduct, int toProduct) Move colonists from one product to another on the current planet.
-------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int colonists,
                       int fromProduct,
                       int toProduct)
           throws java.lang.Exception
```

Move colonists from one product to another on the current planet.

Parameters:

`colonists` - The number of colonists to move.
`fromProduct` - The type of product to move colonists from.
`toProduct` - The type of product to move colonists to.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class Parameter

java.lang.Object

|

+-- **com.swath.Parameter**

public class **Parameter**
extends java.lang.Object

This class represents a parameter. Several value types are supported and range controls are performed.

Since:

SWATH 1.3

Field Summary

static int

[**BOOLEAN**](#)

The boolean value type.

static int

[**CHOICE**](#)

The choice value type.

static int

[**DOUBLE**](#)

The double value type.

static int

[**INTEGER**](#)

The integer value type.

static int

[**NONE**](#)

No value type.

static int	STRING
------------	-------------------------------

The string value type.

Constructor Summary

Parameter ()

Constructor.

Parameter (java.lang.String text)
--

Constructor.

Method Summary

boolean	addChoice (int key, java.lang.String val)
---------	--

Adds a choice value.

boolean	getBoolean ()
---------	---------------------------------------

Gets a boolean value.

java.lang.String	getChoice (int key)
------------------	--

Gets a choice value for a specific key.

int	getCurrentChoice ()
-----	---

Gets the current choice value.

double	getDouble ()
--------	--------------------------------------

Gets a double value.

double	getDoubleMax ()
--------	---

Gets the maximum double value limit.

double	getDoubleMin ()
--------	---

Gets the minimum double value limit.

java.lang.String	getHelpText ()
------------------	--

Gets the help text for this parameter.
--

int	getInteger ()
-----	---------------------------------------

Gets an integer value.

int	getIntegerMax ()
-----	--

Gets the maximum integer value limit.

int	getIntegerMin ()
-----	--

Gets the minimum integer value limit.

java.util.Enumeration	<u>getKeys</u> () Gets an enumeration of the choice value keys.
int	<u>getMaxStringLength</u> () Gets the maximum string length.
java.lang.String	<u>getString</u> () Gets a string value.
java.lang.String	<u>getText</u> () Gets the text for this parameter.
int	<u>getType</u> () Gets the type of this parameter.
java.lang.Object	<u>getValue</u> () Gets the value as an object.
boolean	<u>isValid</u> () Indicates if the parameter is valid or not.
void	<u>removeChoice</u> (int key) Removes a choice value.
boolean	<u>setBoolean</u> (boolean val) Sets a boolean value.
boolean	<u>setCurrentChoice</u> (int key) Sets the current choice value.
boolean	<u>setDouble</u> (double val) Sets a double value.
boolean	<u>setDoubleRange</u> (double min, double max) Sets the double value range.
void	<u>setHelpText</u> (java.lang.String helpText) Sets the help text for this parameter.
boolean	<u>setInteger</u> (int val) Sets an integer value.
boolean	<u>setIntegerRange</u> (int min, int max) Sets the integer value range.
boolean	<u>setMaxStringLength</u> (int maxLength) Sets the maximum string length.

boolean	<code>setString</code> (java.lang.String val) Sets a string value.
void	<code>setText</code> (java.lang.String text) Sets the text for this parameter.
boolean	<code>setType</code> (int type) Sets the type of this parameter.
java.lang.String	<code>toString</code> () Returns a string representation of the parameter.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Field Detail

NONE

`public static final int NONE`

No value type.

STRING

`public static final int STRING`

The string value type.

BOOLEAN

`public static final int BOOLEAN`

The boolean value type.

INTEGER

```
public static final int INTEGER
```

The integer value type.

DOUBLE

```
public static final int DOUBLE
```

The double value type.

CHOICE

```
public static final int CHOICE
```

The choice value type.

Constructor Detail

Parameter

```
public Parameter()
```

Constructor.

Since:

SWATH 1.3

Parameter

```
public Parameter(java.lang.String text)
```

Constructor.

Parameters:

text - The parameter text to display.

Since:

SWATH 1.3

Method Detail

toString

```
public java.lang.String toString()
```

Returns a string representation of the parameter.

Overrides:

toString in class java.lang.Object

Returns:

The string representation.

Since:

SWATH 1.3

isValid

```
public boolean isValid()
```

Indicates if the parameter is valid or not.

Returns:

true if valid, otherwise false.

Since:

SWATH 1.3

setText

```
public void setText(java.lang.String text)
```

Sets the text for this parameter.

Parameters:

text - The parameter text.

Since:

SWATH 1.3

getText

```
public java.lang.String getText()
```

Gets the text for this parameter.

Returns:

The parameter text.

Since:

SWATH 1.3

setHelpText

```
public void setHelpText(java.lang.String helpText)
```

Sets the help text for this parameter.

Parameters:

helpText - The parameter help text.

Since:

SWATH 1.3

getHelpText

```
public java.lang.String getHelpText()
```

Gets the help text for this parameter.

Returns:

The parameter help text.

Since:

SWATH 1.3

setType

```
public boolean setType(int type)
```

Sets the type of this parameter.

Parameters:

type - The parameter type.

Since:

SWATH 1.3

See Also:

[STRING](#), [BOOLEAN](#), [INTEGER](#), [DOUBLE](#), [CHOICE](#)

getType

```
public int getType()
```

Gets the type of this parameter.

Returns:

The parameter type.

Since:

SWATH 1.3

See Also:

[STRING](#), [BOOLEAN](#), [INTEGER](#), [DOUBLE](#), [CHOICE](#)

getValue

```
public java.lang.Object getValue()
```

Gets the value as an object.

Returns:

The value.

Since:

SWATH 1.3

setString

```
public boolean setString(java.lang.String val)
```

Sets a string value.

Parameters:

val - The string value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getString

```
public java.lang.String getString()
```

Gets a string value.

Returns:

The string value.

Since:

SWATH 1.3

setBoolean

```
public boolean setBoolean(boolean val)
```

Sets a boolean value.

Parameters:

val - The boolean value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getBoolean

```
public boolean getBoolean()
```

Gets a boolean value.

Returns:

The boolean value.

Since:

SWATH 1.3

setInteger

```
public boolean setInteger(int val)
```

Sets an integer value.

Parameters:

val - The integer value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getInteger

```
public int getInteger()
```

Gets an integer value.

Returns:

The integer value.

Since:

SWATH 1.3

setDouble

```
public boolean setDouble(double val)
```

Sets a double value.

Parameters:

val - The double value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getDouble

```
public double getDouble()
```

Gets a double value.

Returns:

The double value.

Since:

SWATH 1.3

addChoice

```
public boolean addChoice(int key,  
                           java.lang.String val)
```

Adds a choice value.

Parameters:

key - The key.

val - The choice value to add.

Since:

SWATH 1.3

getChoice

```
public java.lang.String getChoice(int key)
```

Gets a choice value for a specific key.

Parameters:

key - The key of the choice value to get.

Returns:

The wanted choice value.

Since:

SWATH 1.3

getKeys

```
public java.util Enumeration getKeys()
```

Gets an enumeration of the choice value keys.

Returns:

All key values.

Since:

SWATH 1.3

removeChoice

```
public void removeChoice(int key)
```

Removes a choice value.

Parameters:

key - The key of the choice value to remove.

Since:

SWATH 1.3

setCurrentChoice

```
public boolean setCurrentChoice(int key)
```

Sets the current choice value.

Parameters:

key - The key of the current choice value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getCurrentChoice

```
public int getCurrentChoice()
```

Gets the current choice value.

Returns:

The key of the current choice value or -1 if none.

Since:

SWATH 1.3

setMaxStringLength

```
public boolean setMaxStringLength(int maxLength)
```

Sets the maximum string length.

Parameters:

maxLength - The maximum string length.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getMaxStringLength

```
public int getMaxStringLength()
```

Gets the maximum string length.

Returns:

The maximum string length.

Since:

SWATH 1.3

setIntegerRange

```
public boolean setIntegerRange(int min,  
                                int max)
```

Sets the integer value range.

Parameters:

`min` - The minimum integer value.

`max` - The maximum integer value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getIntegerMin

```
public int getIntegerMin( )
```

Gets the minimum integer value limit.

Returns:

The minimum integer value.

Since:

SWATH 1.3

getIntegerMax

```
public int getIntegerMax( )
```

Gets the maximum integer value limit.

Returns:

The maximum integer value.

Since:

SWATH 1.3

setDoubleRange

```
public boolean setDoubleRange(double min,  
                               double max)
```

Sets the double value range.

Parameters:

min - The minimum double value.

max - The maximum double value.

Returns:

true if successful, otherwise false

Since:

SWATH 1.3

getDoubleMin

```
public double getDoubleMin()
```

Gets the minimum double value limit.

Returns:

The minimum double value.

Since:

SWATH 1.3

getDoubleMax

```
public double getDoubleMax()
```

Gets the maximum double value limit.

Returns:

The maximum double value.

Since:

SWATH 1.3

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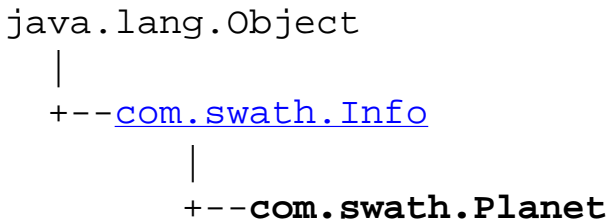
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com.swath

Class Planet



public final class **Planet**
extends [Info](#)

This class represents a planet in TW.

Since:
SWATH 1.3

Method Summary

int[]	colonists () Gets the number of colonists at each product type on the planet (Fuel Ore, Organics and Equipment).
Trader	creator () Gets the creator of the planet.
void	display () Displays this planet in the terminal window.
void	dump () Dumps the planet info in the terminal window.

int	<u>fighters</u> () Gets the number of fighters on the planet.
boolean	<u>hasInterdictor</u> () Indicates if the planet has an Interdictor generator or not.
int	<u>id</u> () Gets the planet identification number.
boolean	<u>isCorpPlanet</u> () Indicates if the planet is corporate or personal.
boolean	<u>isInterdictorActive</u> () Indicates if the planet's Interdictor generator is active or not.
java.util.Date	<u>lastUpdate</u> () Gets the timestamp when the planet information was last updated.
int	<u>level</u> () Gets the current planet level: 0 = No citadel 1 = Citadel 2 = Combat computer 3 = Quasar Cannon 4 = TransWarp drive 5 = Shield generator 6 = Interdictor control
int	<u>militaryLevel</u> () Gets the current military reaction level (0-100%).
java.lang.String	<u>name</u> () Gets the name of the planet.
Identity	<u>owner</u> () Gets the current planet owner.
PlanetClass	<u>planetClass</u> () Gets the planet class.
int[]	<u>productAmounts</u> () Gets the amount of product for each product type on the planet (Fuel Ore, Organics and Equipment).
int	<u>qcAtmosLevel</u> () Gets the Quasar cannon atmospheric level (0-100%).
int	<u>qcSectorLevel</u> () Gets the Quasar cannon sector level (0-100%).
int	<u>sector</u> () Gets the sector number where the planet is currently located.

int	<u>shields</u> () Gets the number of planetary shields. 1 planetary shield equals 10 normal shields.
java.lang.String	<u>toString</u> ()
int	<u>transportRange</u> () Gets the current planet transporter range.
int	<u>treasury</u> () Gets the amount of credits in the planet treasury.
java.lang.String	<u>type</u> () Gets the type of the planet.
int[]	<u>upgradeAmountsNeeded</u> () Gets the upgrade amount for each product type and the number of colonists needed for upgrading the planet to the next level.
int	<u>upgradeStatus</u> () Gets the current upgrade status of the planet.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Method Detail

id

```
public int id()
```

Gets the planet identification number.

Returns:

The planet id.

Since:

SWATH 1.3

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

lastUpdate

```
public java.util.Date lastUpdate()  
    throws java.lang.Exception
```

Gets the timestamp when the planet information was last updated.

Returns:

The last update or null if never updated.

Since:

SWATH 1.3

name

```
public java.lang.String name()  
    throws java.lang.Exception
```

Gets the name of the planet.

Returns:

The planet name.

Since:

SWATH 1.3

type

```
public java.lang.String type()  
    throws java.lang.Exception
```

Gets the type of the planet.

Returns:

The planet type.

Since:

SWATH 1.3

planetClass

```
public PlanetClass planetClass()  
    throws java.lang.Exception
```

Gets the planet class.

Returns:

The planet class or null if not known.

Since:

SWATH 1.6

sector

```
public int sector()  
    throws java.lang.Exception
```

Gets the sector number where the planet is currently located.

Returns:

The current location or 0 if unknown.

Since:

SWATH 1.3

creator

```
public Trader creator()  
    throws java.lang.Exception
```

Gets the creator of the planet.

Returns:

The planet creator.

Since:

SWATH 1.3

See Also:

[owner\(\)](#), [Trader](#)

owner

```
public Identity owner()  
           throws java.lang.Exception
```

Gets the current planet owner.

Returns:

The planet owner.

Since:

SWATH 1.3

See Also:

[creator\(\)](#), [isCorpPlanet\(\)](#), [Identity](#), [Trader](#), [Corporation](#)

isCorpPlanet

```
public boolean isCorpPlanet()  
           throws java.lang.Exception
```

Indicates if the planet is corporate or personal. If the `owner()` method returns an unknown identity, the return value of this method is not valid.

Returns:

true if the planet is corporate, otherwise false.

Since:

SWATH 1.3

See Also:

[owner\(\)](#)

colonists

```
public int[] colonists()  
    throws java.lang.Exception
```

Gets the number of colonists at each product type on the planet (Fuel Ore, Organics and Equipment).

Returns:

An array with the three colonist numbers.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

productAmounts

```
public int[] productAmounts()  
    throws java.lang.Exception
```

Gets the amount of product for each product type on the planet (Fuel Ore, Organics and Equipment).

Returns:

An array with the three product amounts.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

fighters

```
public int fighters()  
    throws java.lang.Exception
```

Gets the number of fighters on the planet.

Returns:

The number of fighters.

Since:

SWATH 1.3

shields

```
public int shields()  
    throws java.lang.Exception
```

Gets the number of planetary shields. 1 planetary shield equals 10 normal shields. The return value is only valid if the planet level is 5 or higher.

Returns:

The number of planetary shields.

Since:

SWATH 1.3

See Also:

[level\(\)](#)

treasury

```
public int treasury()  
    throws java.lang.Exception
```

Gets the amount of credits in the planet treasury. The return value is only valid if the planet level is 1 or higher.

Returns:

The amount of credits.

Since:

SWATH 1.3

See Also:

[level\(\)](#)

level

```
public int level()  
    throws java.lang.Exception
```

Gets the current planet level:

- 0 = No citadel

- 1 = Citadel
- 2 = Combat computer
- 3 = Quasar Cannon
- 4 = TransWarp drive
- 5 = Shield generator
- 6 = Interdictor control

Returns:

The planet level.

Since:

SWATH 1.3

militaryLevel

```
public int militaryLevel()  
           throws java.lang.Exception
```

Gets the current military reaction level (0-100%). The return value is only valid if the planet level is 2 or higher.

Returns:

The military reaction level.

Since:

SWATH 1.3

See Also:

[level\(\)](#)

qcAtmosLevel

```
public int qcAtmosLevel()  
           throws java.lang.Exception
```

Gets the Quasar cannon atmospheric level (0-100%). The return value is only valid if the planet level is 3 or higher.

Returns:

The QCannon atmospheric level.

Since:

SWATH 1.3

See Also:

[level\(\)](#)

qcSectorLevel

```
public int qcSectorLevel()  
           throws java.lang.Exception
```

Gets the Quasar cannon sector level (0-100%). The return value is only valid if the planet level is 3 or higher.

Returns:

The QCannon sector level.

Since:

SWATH 1.3

See Also:

[level\(\)](#)

transportRange

```
public int transportRange()  
           throws java.lang.Exception
```

Gets the current planet transporter range.

Returns:

The planet transporter range, or 0 if none.

Since:

SWATH 1.3

hasInterdictor

```
public boolean hasInterdictor()  
              throws java.lang.Exception
```

Indicates if the planet has an Interdictor generator or not.

Returns:

true if the planet has an Interdictor generator, otherwise false.

Since:

SWATH 1.3

See Also:[isInterdictorActive\(\)](#)

isInterdictorActive

```
public boolean isInterdictorActive()  
                throws java.lang.Exception
```

Indicates if the planet's Interdictor generator is active or not. Only valid if the planet has an Interdictor generator.

Returns:

true if the Interdictor generator is active, otherwise false.

Since:

SWATH 1.3

See Also:[hasInterdictor\(\)](#)

upgradeStatus

```
public int upgradeStatus()  
                throws java.lang.Exception
```

Gets the current upgrade status of the planet.

Returns:

The number of days left of the current planet upgrade, or 0 if the planet is not upgrading.

Since:

SWATH 1.6.2

See Also:[upgradeAmountsNeeded\(\)](#), [UpgradePlanet](#)

upgradeAmountsNeeded

```
public int[] upgradeAmountsNeeded()
```

throws `java.lang.Exception`

Gets the upgrade amount for each product type and the number of colonists needed for upgrading the planet to the next level. Only valid if the planet is not upgrading and an upgrade attempt using `UpgradePlanet` has failed.

Returns:

An array with the product amounts and colonists needed for upgrade.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [Swath.COLONISTS](#), [upgradeStatus\(\)](#), [UpgradePlanet](#)

display

```
public void display()  
    throws java.lang.Exception
```

Displays this planet in the terminal window.

Since:

SWATH 1.4

See Also:

[dump\(\)](#)

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the planet info in the terminal window.

Since:

SWATH 1.3

See Also:

[display\(\)](#)

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com.swath.cmd

Class PlanetaryTrade

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.PlanetaryTrade**

All Implemented Interfaces:

[CommandIfc](#)

public final class **PlanetaryTrade**
extends com.swath.cmd.SwathCommand

Negotiate a planetary trade agreement at the port in the current sector.

Prompts: Command prompt

Since:

SWATH 1.6.2

Method Summary

static void [exec](#)([Planet](#) planet)

Negotiate a planetary trade agreement at the port in the current sector.

static void	exec (Planet planet, int fuel, int organics, int equipment) Negotiate a planetary trade agreement at the port in the current sector.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(Planet planet)
    throws java.lang.Exception
```

Negotiate a planetary trade agreement at the port in the current sector. All products on the planet will be sold if possible.

Parameters:

planet - The planet to use.

Since:

SWATH 1.6.2

exec

```
public static void exec(Planet planet,
    int fuel,
    int organics,
    int equipment)
    throws java.lang.Exception
```

Negotiate a planetary trade agreement at the port in the current sector.

Parameters:

planet - The planet to use.

fuel - The amount of Fuel Ore to sell.

organics - The amount of Organics to sell.

equipment - The amount of Equipment to sell.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class PlanetClass

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.PlanetClass**public final class **PlanetClass**extends [Info](#)

This class represents a planet class in TW.

Since:

SWATH 1.6

Method Summary

int[] [colos2build1](#)()

Gets the number of colonists needed to build one unit of each product type (Fuel Ore, Organics, Equipment and Fighters).

void [dump](#)()

Dumps the planet class info in the terminal window.

int[] [maxAmounts](#)()

Gets the maximum amount of product that the planet class can have for each product type (Fuel Ore, Organics, Equipment and Fighters).

java.lang.String	<u>name</u> () Gets the name of the planet class.
java.lang.String	<u>toString</u> ()
java.lang.String	<u>type</u> () Gets the planet type.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Method Detail

type

```
public java.lang.String type()
    throws java.lang.Exception
```

Gets the planet type.

Returns:

The planet type.

Since:

SWATH 1.6

toString

```
public java.lang.String toString()
```

Overrides:

`toString` in class `java.lang.Object`

name

```
public java.lang.String name()  
    throws java.lang.Exception
```

Gets the name of the planet class.

Returns:

The planet class name.

Since:

SWATH 1.6

colos2build1

```
public int[] colos2build1()  
    throws java.lang.Exception
```

Gets the number of colonists needed to build one unit of each product type (Fuel Ore, Organics, Equipment and Fighters). The number of colonists is N_A if the product can't be built on this kind of planet.

Returns:

An array with the number of colonists needed per product.

Since:

SWATH 1.6

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [Swath.FIGHTERS](#),
[Swath.N_A](#)

maxAmounts

```
public int[] maxAmounts()  
    throws java.lang.Exception
```

Gets the maximum amount of product that the planet class can have for each product type (Fuel Ore, Organics, Equipment and Fighters).

Returns:

An array with the maximum product amounts.

Since:

SWATH 1.6

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [Swath.FIGHTERS](#)

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the planet class info in the terminal window.

Since:

SWATH 1.6

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com.swath.cmd

Class PlanetTransport

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.PlanetTransport
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **PlanetTransport**
 extends com.swath.cmd.SwathCommand

Transport your ship to another sector using a planet transporter.

Prompts: Citadel prompt

Since:

SWATH 1.3

See Also:

[Move](#), [Transport](#), [TransWarp](#), [PlanetWarp](#)

Method Summary

static void	exec (int sector)
	Transport your ship to another sector using a planet transporter.

static void	<code>exec</code> (<code>Sector</code> sector) Transport your ship to another sector using a planet transporter.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
```

throws `java.lang.Exception`

Transport your ship to another sector using a planet transporter.

Parameters:

`sector` - The sector to PlanetTransport to.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Transport your ship to another sector using a planet transporter.

Parameters:

`sector` - The sector to PlanetTransport to.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal


```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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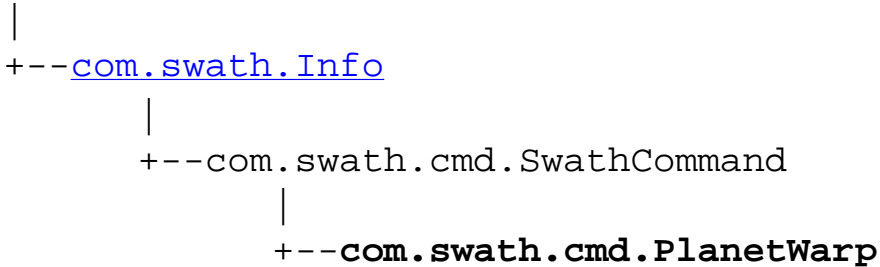
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com.swath.cmd

Class PlanetWarp

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class PlanetWarp
extends com.swath.cmd.SwathCommand
```

Warp the current planet to another sector.

Prompts: Citadel prompt

Since:

SWATH 1.3

See Also:

[Move](#), [Transport](#), [TransWarp](#), [PlanetTransport](#)

Method Summary

static void [exec](#)(int sector)

Warp the current planet to another sector.

static void	<code>exec</code> (<code>Sector</code> sector) Warp the current planet to another sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
```

throws `java.lang.Exception`

Warp the current planet to another sector.

Parameters:

sector - The sector to warp the planet to.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Warp the current planet to another sector.

Parameters:

sector - The sector to warp the planet to.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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[PREV CLASS](#) [NEXT CLASS](#)

[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

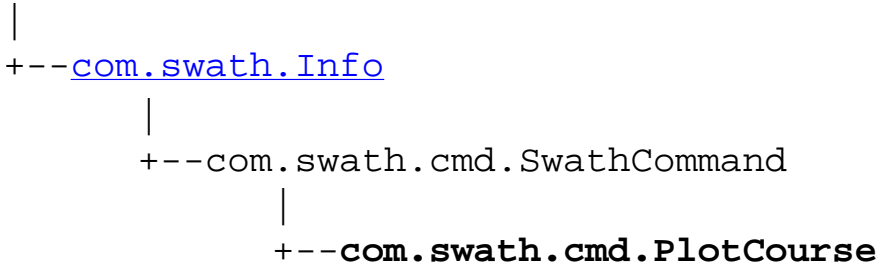
DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class PlotCourse

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class PlotCourse
extends com.swath.cmd.SwathCommand
```

Plot the course between two sectors.

Prompts: Computer prompt

Since:

SWATH 1.4

Method Summary

static int[]	exec (int fromSector, int toSector) Plot the course between two sectors.
--------------	---

static Sector []	exec (Sector fromSector, Sector toSector) Plot the course between two sectors.
----------------------------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int[] exec(int fromSector,
                        int toSector)
           throws java.lang.Exception
```


Plot the course between two sectors.

Parameters:

fromSector - The start sector.

toSector - The end sector.

Returns:

A sector array with the complete path or an empty array if there were none.

Since:

SWATH 1.4

exec

```
public static Sector[] exec(Sector fromSector,
                               Sector toSector)
    throws java.lang.Exception
```

Plot the course between two sectors.

Parameters:

fromSector - The start sector.

toSector - The end sector.

Returns:

A sector array with the complete path or an empty array if there were none.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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FRAMES	NO FRAMES
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SUMMARY: INNER FIELD CONSTR METHOD
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DETAIL: FIELD CONSTR METHOD

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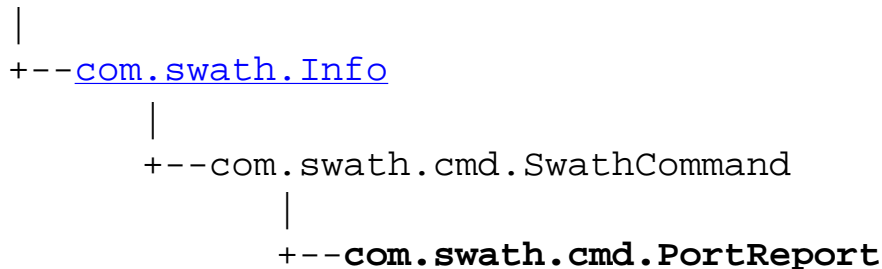
SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

com.swath.cmd

Class PortReport

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **PortReport**
extends com.swath.cmd.SwathCommand

Get the current port report for a port.

Prompts: Computer prompt

Since:

SWATH 1.4

Method Summary

static void	exec (int sector) Get the current port report for a port.
static void	exec (Sector sector) Get the current port report for a port.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
           throws java.lang.Exception
```

Get the current port report for a port.

Parameters:

sector - The sector where the port is.

Since:

SWATH 1.4

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Get the current port report for a port.

Parameters:

sector - The sector where the port is.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

`true` if internal, otherwise `false`.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

com.swath.cmd

Class PrintText

```
java.lang.Object
|
+--com.swath.Info
    |
    +--com.swath.cmd.SwathCommand
        |
        +--com.swath.cmd.PrintText
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **PrintText**
extends com.swath.cmd.SwathCommand

Print text in the terminal window.

Prompts: -

Since:

SWATH 1.3

See Also:

[SetTextMode](#)

Field Summary

static java.lang.String	NEW_LINE
-------------------------	--------------------------

The new line character (0x0A).

Method Summary

static void	exec (java.lang.Exception e) Print an exception and the complete stack trace in the terminal window.
static void	exec (java.lang.String text) Print text in the terminal window.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

NEW_LINE

```
public static final java.lang.String NEW_LINE
```

The new line character (0x0A).

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String text)  
    throws java.lang.Exception
```

Print text in the terminal window.

Parameters:

text - The text to print.

Since:

SWATH 1.3

See Also:

[NEW_LINE](#)

exec

```
public static void exec(java.lang.Exception e)
    throws java.lang.Exception
```

Print an exception and the complete stack trace in the terminal window.

Parameters:

e - The exception to print.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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[PREV CLASS](#) [NEXT CLASS](#)

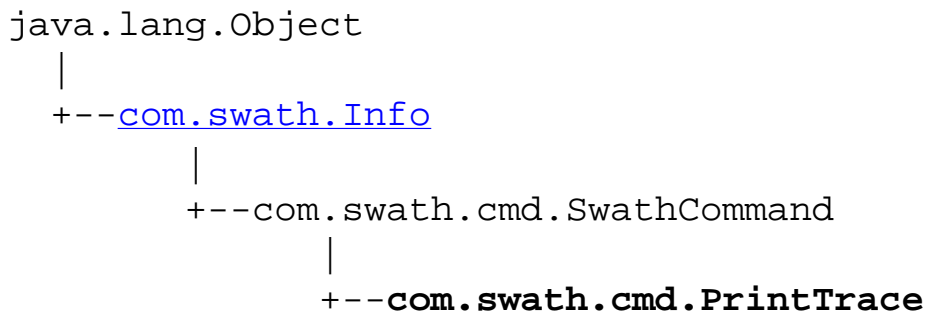
[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class PrintTrace



All Implemented Interfaces:

[CommandIfc](#)

public final class **PrintTrace**
extends com.swath.cmd.SwathCommand

Print trace text in the SWATH console window.

Prompts: -

Since:

SWATH 1.6

Method Summary

static void	exec (java.lang.Exception e) Print an exception and the complete stack trace in the SWATH console window.
-------------	--

static void	<code>exec</code> (java.lang.String text) Print trace text in the SWATH console window.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [`CommandIfc`](#)

Indicates if this is an internal SWATH command or not.

Overrides:

`isInternal` in class `com.swath.cmd.SwathCommand`

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String text)  
    throws java.lang.Exception
```

Print trace text in the SWATH console window.

Parameters:

text - The text to print.

Since:

SWATH 1.6

exec

```
public static void exec(java.lang.Exception e)  
    throws java.lang.Exception
```

Print an exception and the complete stack trace in the SWATH console window.

Parameters:

e - The exception to print.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

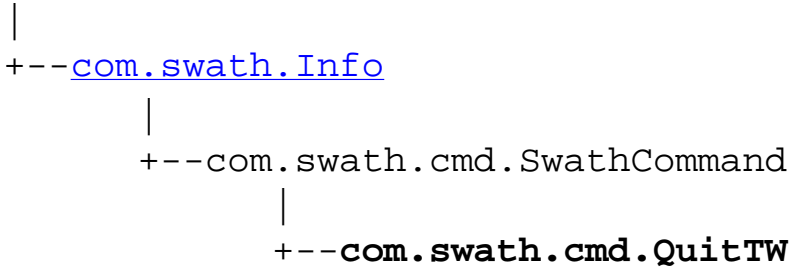
DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)DETAIL: FIELD | CONSTR | [METHOD](#)

com.swath.cmd

Class QuitTW

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **QuitTW**
 extends com.swath.cmd.SwathCommand

Quit a TradeWars game.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[EnterTW](#), [ReEnterTW](#)

Method Summary

static void [exec](#)()

Quit a TradeWars game.

static void	exec (boolean cloakShip) Quit a TradeWars game.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec()
```

throws `java.lang.Exception`

Quit a TradeWars game. The ship will not be cloaked.

Since:

SWATH 1.3

exec

```
public static void exec(boolean cloakShip)
    throws java.lang.Exception
```

Quit a TradeWars game.

Parameters:

cloakShip - true if you want to cloak the ship, otherwise false.

Since:

SWATH 1.6.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

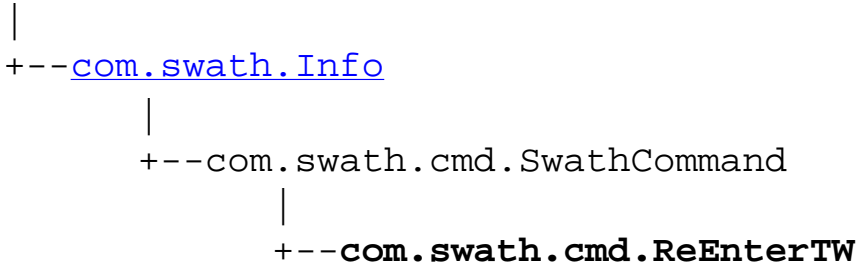
DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)DETAIL: FIELD | CONSTR | [METHOD](#)

com.swath.cmd

Class ReEnterTW

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **ReEnterTW**
 extends com.swath.cmd.SwathCommand

Exit and re-enter a TradeWars game.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[EnterTW](#), [QuitTW](#)

Method Summary

static void [exec](#)()

Exit and re-enter a TradeWars game.

static void	<code>exec</code> (java.lang.String password) Deprecated. <i>Set the password in preferences instead and use <code>exec()</code>.</i>
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
    throws java.lang.Exception
```

Exit and re-enter a TradeWars game. Will use password from preferences if needed.

Since:

SWATH 1.3

exec

```
public static void exec(java.lang.String password)
    throws java.lang.Exception
```

Deprecated. *Set the password in preferences instead and use `exec()`.*

Exit and re-enter a TradeWars game.

Parameters:

password - Your password.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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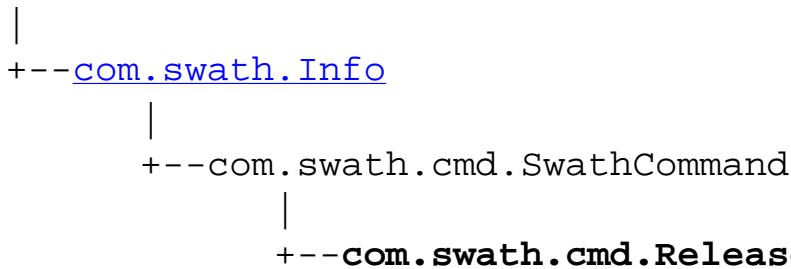
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com.swath.cmd

Class ReleaseBeacon

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **ReleaseBeacon**
extends com.swath.cmd.SwathCommand

Release a marker beacon in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

Method Summary

static void	exec (java.lang.String text) Release a marker beacon in the current sector.
java.lang.String	getClassName () Gets the command class name.

<code>java.lang.String</code>	<code>getName</code> () Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams</code> () Gets the command parameters.
<code>boolean</code>	<code>initCommand</code> ()
<code>boolean</code>	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(java.lang.String text)
           throws java.lang.Exception
```

Release a marker beacon in the current sector.

Parameters:

`text` - The beacon text.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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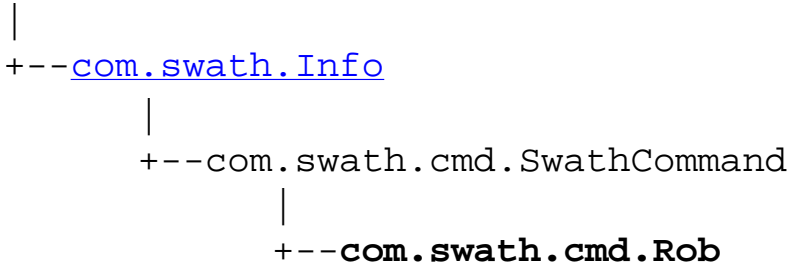
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com.swath.cmd

Class Rob

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **Rob**
 extends com.swath.cmd.SwathCommand

Rob the port in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[Steal](#)

Method Summary

static boolean [exec](#)()

Rob the port in the current sector and take as much credits as possible.

static boolean	<code>exec</code> (int credits) Rob the port in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static boolean exec()
```

throws `java.lang.Exception`

Rob the port in the current sector and take as much credits as possible.

Returns:

true if successful, otherwise false.

Since:

SWATH 1.3

exec

```
public static boolean exec(int credits)
    throws java.lang.Exception
```

Rob the port in the current sector.

Parameters:

`credits` - Amount of credits to rob.

Returns:

true if successful, otherwise false.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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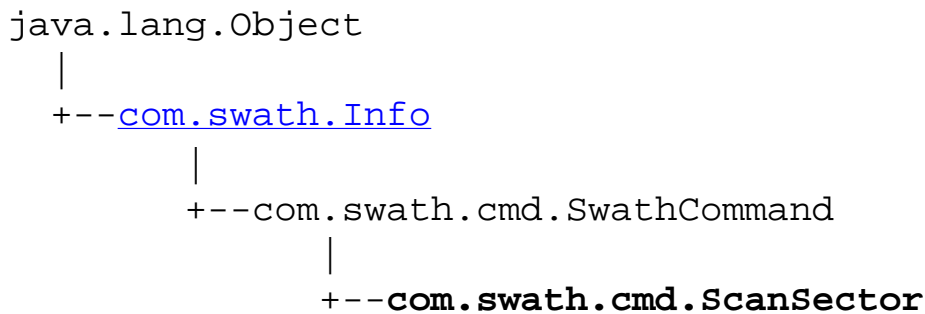
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com.swath.cmd

Class ScanSector



All Implemented Interfaces:

[CommandIfc](#)

public final class **ScanSector**
extends com.swath.cmd.SwathCommand

Perform a long range scan in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

Field Summary

static int	DENSITY_SCAN Density scan.
static int	HOLO_SCAN Holographic scan.

Method Summary

static void	<code>exec</code> (int scanType) Perform a long range scan in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

DENSITY_SCAN

```
public static final int DENSITY_SCAN
```

Density scan.

HOLO_SCAN

```
public static final int HOLO_SCAN
```

Holographic scan.

Method Detail

initCommand

```
public boolean initCommand()
                throws java.lang.Exception
```

Overrides:

initCommand in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int scanType)
                throws java.lang.Exception
```

Perform a long range scan in the current sector.

Parameters:

scanType - The type of scan to make.

Since:

SWATH 1.3

See Also:

[DENSITY_SCAN](#), [HOLO_SCAN](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class ScriptException

```
java.lang.Object
|
+-- java.lang.Throwable
    |
    +-- java.lang.Exception
        |
        +-- com.swath.SwathException
            |
            +-- com.swath.ScriptException
```

All Implemented Interfaces:

java.io.Serializable

```
public class ScriptException
extends com.swath.SwathException
```

Script exception.
Thrown when the current script execution fails for some reason.
You can throw this exception from your own script.

Since:
SWATH 1.6.2

See Also:
[Serialized Form](#)

Constructor Summary

[ScriptException](#)(java.lang.String error)

Constructor.

Methods inherited from class java.lang.Throwable

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, toString

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

ScriptException

```
public ScriptException( java.lang.String error)
```

Constructor.

Parameters:

error - The error text.

Since:

SWATH 1.6.2

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com.swath

Class Sector

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.Sector**public final class **Sector**extends [Info](#)

This class represents a sector in TW.

Since:

SWATH 1.3

Field Summary

static int [BOTH WAY](#)

Indicates a warp that can be used both ways.

static int [BUYING](#)

The port is buying this product.

static int [NO_PORT](#)

There is no port in this sector.

static int [ONE WAY](#)

Indicates a one way warp.

static int	<u>PORT_AVAILABLE</u> There is a port in this sector, ready to use.
static int	<u>PORT_BLOCKED</u> There seems to be a blocked port in this sector.
static int	<u>PORT_DESTROYED</u> Warning, there is a destroyed port in this sector.
static int	<u>PORT_UNDER_CONSTRUCTION</u> There is a port under construction in this sector.
static int	<u>SELLING</u> The port is selling this product.

Method Summary

boolean	<u>anomaly</u> () Deprecated. <i>Incorrect spelling. Use the <code>anomaly()</code> method instead.</i>
boolean	<u>anomaly</u> () Indicates if there is an anomaly in the sector or not.
int	<u>armidMines</u> () Gets the number of armid mines in the sector.
<u>Identity</u>	<u>armidOwner</u> () Gets the owner of the armid mines in this sector.
int[]	<u>backdoorSectors</u> () Gets the backdoor sectors for this sector (if any).
java.lang.String	<u>beaconMessage</u> () Indicates if there is a beacon in the sector or not.
int	<u>bubbleGate</u> () Deprecated. <i>Use the <code>bubbles()</code> method instead.</i>
<u>Bubble</u> []	<u>bubbles</u> () Gets all the bubbles that the sector is part of.
int	<u>bubbleSize</u> () Deprecated. <i>Use the <code>bubbles()</code> method instead.</i>
java.util.Date	<u>busted</u> () Indicates if you are busted at the port in this sector or not.

int	<u>density</u> () Gets the density for the sector.
void	<u>display</u> () Displays this sector in the terminal window.
void	<u>dump</u> () Dumps the sector info in the terminal window.
int	<u>fighters</u> () Gets the number of fighters in this sector.
<u>Identity</u>	<u>ftrOwner</u> () Gets the owner of the fighters in this sector.
java.util.Date	<u>ftrTimestamp</u> () Gets the timestamp when the fighters were placed or first discovered.
int	<u>ftrType</u> () Gets the type of fighters in this sector.
boolean	<u>isAvoided</u> () Indicates if the sector is avoided or not.
boolean	<u>isEmpty</u> () Indicates if the sector is empty or not.
boolean	<u>isUnexplored</u> () Indicates if the sector is unexplored or not.
boolean	<u>isVisited</u> () Indicates if the sector has been visited or not.
java.util.Date	<u>lastPortUpdate</u> () Gets the timestamp when the port information was last updated.
java.util.Date	<u>lastSectorUpdate</u> () Gets the timestamp when the sector information was last updated.
int	<u>limpetMines</u> () Gets the number of limpet mines in the sector.
<u>Identity</u>	<u>limpetOwner</u> () Gets the owner of the limpet mines in this sector.
int	<u>navHaz</u> () Gets the navigational hazard for the sector (0-100%).

int[]	oneWays () Indicates if a warp sector is one-way or not.
boolean	partOfMajorSpaceLane () Indicates if the sector is part of a major space lane or not.
Planet []	planets () Gets all the planets in the sector.
int[]	portAmounts () Gets the amount of product available at the port for each product type (Fuel Ore, Organics and Equipment).
int	portClass () Gets the port class.
int	portConstructionStatus () Gets the current construction status of the port.
java.lang.String	portDockingLog () Gets the name of the last ship that docked at the port.
java.util.Date	portDockingTimestamp () Gets the timestamp when the last ship docked at the port.
int[]	portInfo () Gets the port buy/sell information for each product type (Fuel Ore, Organics and Equipment).
java.lang.String	portName () Gets the name of the port in the sector.
int[]	portPercentages () Gets the amount of product available at the port in percentage of the maximal amount for each product type (Fuel Ore, Organics and Equipment).
int	portStatus () Gets the sector port status.
int	sector () Gets the sector number.
java.lang.String	sectorNote () Gets the sector note.
void	setSectorNote (java.lang.String note) Sets the sector note.

Ship []	ships () Gets all the unmanned ships in the sector.
java.lang.String	spaceName () Gets the name of the space that the sector occupies.
int	status () Indicates if the sector is friendly, neutral or hostile to you.
java.lang.String	toString ()
Trader []	traders () Gets all the traders in the sector.
int	warps () Gets the number of warps from this sector.
int[]	warpSectors () Gets the sectors you can warp to from this sector.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Field Detail

NO_PORT

```
public static final int NO_PORT
```

There is no port in this sector.

PORT_AVAILABLE

```
public static final int PORT_AVAILABLE
```

There is a port in this sector, ready to use.

PORT_UNDER_CONSTRUCTION

```
public static final int PORT_UNDER_CONSTRUCTION
```

There is a port under construction in this sector.

PORT_DESTROYED

```
public static final int PORT_DESTROYED
```

Warning, there is a destroyed port in this sector.

PORT_BLOCKED

```
public static final int PORT_BLOCKED
```

There seems to be a blocked port in this sector.

BUYING

```
public static final int BUYING
```

The port is buying this product.

SELLING

```
public static final int SELLING
```

The port is selling this product.

ONE_WAY

```
public static final int ONE_WAY
```

Indicates a one way warp.

BOTH_WAY

```
public static final int BOTH_WAY
```

Indicates a warp that can be used both ways.

Method Detail

sector

```
public int sector()
```

Gets the sector number.

Returns:

The sector number.

Since:

SWATH 1.3

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

lastSectorUpdate

```
public java.util.Date lastSectorUpdate()
                        throws java.lang.Exception
```

Gets the timestamp when the sector information was last updated.

Returns:

The last sector update or null if never updated.

Since:

SWATH 1.3

See Also:

[lastPortUpdate\(\)](#)

lastPortUpdate

```
public java.util.Date lastPortUpdate()
                        throws java.lang.Exception
```

Gets the timestamp when the port information was last updated.

Returns:

The last port update or null if never updated.

Since:

SWATH 1.3

See Also:

[lastSectorUpdate\(\)](#)

status

```
public int status()
           throws java.lang.Exception
```

Indicates if the sector is friendly, neutral or hostile to you.

- A friendly sector is controlled by you, your corporation or your alies.
- A neutral sector is controlled by someone neutral to you or by noone.
- A hostile sector is controlled by an enemy of yours.

Returns:

The current sector status.

Since:

SWATH 1.5

See Also:[Swath.FRIENDLY](#), [Swath.NEUTRAL](#), [Swath.HOSTILE](#), [Swath.UNKNOWN](#)

isEmpty

```
public boolean isEmpty()  
    throws java.lang.Exception
```

Indicates if the sector is empty or not.

Returns:

true if the sector is empty, otherwise false.

Since:

SWATH 1.3

isUnexplored

```
public boolean isUnexplored()  
    throws java.lang.Exception
```

Indicates if the sector is unexplored or not.

Returns:

true if the sector is unexplored, otherwise false.

Since:

SWATH 1.3

isVisited

```
public boolean isVisited()  
    throws java.lang.Exception
```

Indicates if the sector has been visited or not.

Returns:

true if the sector has been visited, otherwise false.

Since:SWATH 1.5

partOfMajorSpaceLane

```
public boolean partOfMajorSpaceLane()  
    throws java.lang.Exception
```

Indicates if the sector is part of a major space lane or not. Major space lanes connects the StarDock with all class 0 ports.

Returns:

true if the sector is part of a major space lane, otherwise false.

Since:SWATH 1.5

spaceName

```
public java.lang.String spaceName()  
    throws java.lang.Exception
```

Gets the name of the space that the sector occupies.

Returns:

The space name.

Since:SWATH 1.3

portStatus

```
public int portStatus()  
    throws java.lang.Exception
```

Gets the sector port status.

Returns:

The port status.

Since:

SWATH 1.3

See Also:

[NO_PORT](#), [PORT_AVAILABLE](#), [PORT_UNDER_CONSTRUCTION](#), [PORT_DESTROYED](#),
[PORT_BLOCKED](#)

portName

```
public java.lang.String portName()  
    throws java.lang.Exception
```

Gets the name of the port in the sector. The return value is only valid if the sector port status is PORT_AVAILABLE or PORT_UNDER_CONSTRUCTION.

Returns:

The port name.

Since:

SWATH 1.3

See Also:

[portStatus\(\)](#)

portClass

```
public int portClass()  
    throws java.lang.Exception
```

Gets the port class. The return value is only valid if the sector port status is PORT_AVAILABLE or PORT_UNDER_CONSTRUCTION.

Returns:

The port class.

Since:

SWATH 1.3

See Also:

[portStatus\(\)](#)

portConstructionStatus

```
public int portConstructionStatus()  
        throws java.lang.Exception
```

Gets the current construction status of the port.

Returns:

The number of days left of the port construction, or 0 if the port is not under construction.

Since:

SWATH 1.6.2

See Also:

[portStatus\(\)](#)

portDockingLog

```
public java.lang.String portDockingLog()  
        throws java.lang.Exception
```

Gets the name of the last ship that docked at the port. The return value is only valid if the sector port status is PORT_AVAILABLE.

Returns:

The ship name or null if no ship docked or if it is unknown.

Since:

SWATH 1.6.2

See Also:

[portDockingTimestamp\(\)](#), [portStatus\(\)](#)

portDockingTimestamp

```
public java.util.Date portDockingTimestamp()  
        throws java.lang.Exception
```

Gets the timestamp when the last ship docked at the port. The return value is only valid if the sector port status is PORT_AVAILABLE.

Returns:

The timestamp or null if not known.

Since:

SWATH 1.6.2

See Also:

[portDockingLog\(\)](#), [portStatus\(\)](#)

portInfo

```
public int[] portInfo()  
    throws java.lang.Exception
```

Gets the port buy/sell information for each product type (Fuel Ore, Organics and Equipment). The return value is only valid if the sector port status is PORT_AVAILABLE or PORT_UNDER_CONSTRUCTION.

Returns:

An array with a BUYING or a SELLING indicator for each product.

Since:

SWATH 1.3

See Also:

[BUYING](#), [SELLING](#), [Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [portStatus\(\)](#)

portAmounts

```
public int[] portAmounts()  
    throws java.lang.Exception
```

Gets the amount of product available at the port for each product type (Fuel Ore, Organics and Equipment). The amount is UNKNOWN if not known. The return value is only valid if the sector port status is PORT_AVAILABLE.

Returns:

An array with the three product amounts.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [Swath.UNKNOWN](#), [portStatus\(\)](#), [portPercentages\(\)](#)

portPercentages

```
public int[] portPercentages()
    throws java.lang.Exception
```

Gets the amount of product available at the port in percentage of the maximal amount for each product type (Fuel Ore, Organics and Equipment). The percentage is UNKNOWN if not known. The return value is only valid if the sector port status is PORT_AVAILABLE.

Returns:

An array with the three product percentages.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#), [Swath.UNKNOWN](#), [portStatus\(\)](#), [portAmounts\(\)](#)

busted

```
public java.util.Date busted()
    throws java.lang.Exception
```

Indicates if you are busted at the port in this sector or not. The return value is only valid if the sector port status is PORT_AVAILABLE.

Returns:

The timestamp when busted or null if not busted.

Since:

SWATH 1.3

See Also:

[portStatus\(\)](#)

warps

```
public int warps()
    throws java.lang.Exception
```

Gets the number of warps from this sector.

Returns:

The number of warps.

Since:

SWATH 1.3

See Also:[warpSectors\(\)](#), [oneWays\(\)](#)

warpSectors

```
public int[] warpSectors()  
           throws java.lang.Exception
```

Gets the sectors you can warp to from this sector.

Returns:

An array with the warp sectors.

Since:

SWATH 1.3

See Also:[warps\(\)](#), [oneWays\(\)](#)

oneWays

```
public int[] oneWays()  
           throws java.lang.Exception
```

Indicates if a warp sector is one-way or not.

Returns:

An array with a ONE_WAY or a BOTH_WAY indicator for each warp sector.

Since:

SWATH 1.3

See Also:[warps\(\)](#), [warpSectors\(\)](#), [ONE_WAY](#), [BOTH_WAY](#)

backdoorSectors

```
public int[] backdoorSectors()  
           throws java.lang.Exception
```

Gets the backdoor sectors for this sector (if any). A backdoor sector is a sector that lead to this sector, but there is no way back (that is known).

Returns:

An array with the backdoor sectors.

Since:

SWATH 1.6.2

See Also:

[warpSectors\(\)](#)

fighters

```
public int fighters()  
    throws java.lang.Exception
```

Gets the number of fighters in this sector.

Returns:

The number of fighters.

Since:

SWATH 1.3

See Also:

[ftrOwner\(\)](#), [ftrType\(\)](#)

ftrOwner

```
public Identity ftrOwner()  
    throws java.lang.Exception
```

Gets the owner of the fighters in this sector. The return value is valid only if there are fighters in the sector.

Returns:

The owner of the fighters.

Since:

SWATH 1.3

See Also:

[fighters\(\)](#), [Identity](#), [Trader](#), [Corporation](#)

ftrType

```
public int ftrType()  
    throws java.lang.Exception
```

Gets the type of fighters in this sector. The return value is valid only if there are fighters in the sector.

Returns:

The type of fighters or -1 if not known.

Since:

SWATH 1.3

See Also:

[fighters\(\)](#), [Swath.TOLL_FTRS](#), [Swath.DEFENSIVE_FTRS](#),
[Swath.OFFENSIVE_FTRS](#), [Swath.MERCHENARY_FTRS](#)

ftrTimestamp

```
public java.util.Date ftrTimestamp()  
    throws java.lang.Exception
```

Gets the timestamp when the fighters were placed or first discovered. The return value is valid only if there are fighters in the sector.

Returns:

The timestamp or null if not known.

Since:

SWATH 1.6.2

See Also:

[fighters\(\)](#)

armidMines

```
public int armidMines()  
    throws java.lang.Exception
```

Gets the number of armid mines in the sector.

Returns:

Number of mines.

Since:

SWATH 1.3

armidOwner

```
public Identity armidOwner()  
    throws java.lang.Exception
```

Gets the owner of the armid mines in this sector. The return value is valid only if there are armid mines in the sector.

Returns:

The owner of the armid mines.

Since:

SWATH 1.5

See Also:[armidMines\(\)](#), [Identity](#), [Trader](#), [Corporation](#)

limpetMines

```
public int limpetMines()  
    throws java.lang.Exception
```

Gets the number of limpet mines in the sector.

Returns:

Number of mines.

Since:

SWATH 1.3

limpetOwner

```
public Identity limpetOwner()  
    throws java.lang.Exception
```

Gets the owner of the limpet mines in this sector. The return value is valid only if there are limpet mines in the sector.

Returns:

The owner of the limpet mines.

Since:

SWATH 1.5

See Also:

[limpetMines\(\)](#), [Identity](#), [Trader](#), [Corporation](#)

density

```
public int density()  
    throws java.lang.Exception
```

Gets the density for the sector.

Returns:

The density.

Since:

SWATH 1.3

anomaly

```
public boolean anomaly()  
    throws java.lang.Exception
```

Indicates if there is an anomaly in the sector or not.

Returns:

true if there is an anomaly, otherwise false.

Since:

SWATH 1.3

anomalyity

```
public boolean anomalyity()  
    throws java.lang.Exception
```

Deprecated. *Incorrect spelling. Use the `anomaly()` method instead.*

Indicates if there is an anomaly in the sector or not.

Returns:

true if there is an anomaly, otherwise false.

Since:

SWATH 1.3

See Also:

[anomaly\(\)](#)

navHaz

```
public int navHaz()  
    throws java.lang.Exception
```

Gets the navigational hazard for the sector (0-100%).

Returns:

The navigational hazard percentage.

Since:

SWATH 1.3

isAvoided

```
public boolean isAvoided()  
    throws java.lang.Exception
```

Indicates if the sector is avoided or not.

Returns:

true if it is avoided, otherwise false.

Since:

SWATH 1.6.5

beaconMessage


```
public java.lang.String beaconMessage()  
    throws java.lang.Exception
```

Indicates if there is a beacon in the sector or not.

Returns:

The beacon message or null if there is no beacon.

Since:

SWATH 1.3

sectorNote

```
public java.lang.String sectorNote()  
    throws java.lang.Exception
```

Gets the sector note.

Returns:

The sector note or null if none.

Since:

SWATH 1.3

See Also:

[setSectorNote\(java.lang.String\)](#)

setSectorNote

```
public void setSectorNote(java.lang.String note)  
    throws java.lang.Exception
```

Sets the sector note. The maximum size is 68 characters.

Parameters:

note - The new sector note or null for none.

Since:

SWATH 1.6.5

See Also:

[sectorNote\(\)](#)

planets

```
public Planet[] planets()  
    throws java.lang.Exception
```

Gets all the planets in the sector.

Returns:

An array with all the planets.

Since:

SWATH 1.5

See Also:

[traders\(\)](#), [ships\(\)](#)

traders

```
public Trader[] traders()  
    throws java.lang.Exception
```

Gets all the traders in the sector.

Returns:

An array with all the traders.

Since:

SWATH 1.5

See Also:

[planets\(\)](#), [ships\(\)](#)

ships

```
public Ship[] ships()  
    throws java.lang.Exception
```

Gets all the unmanned ships in the sector.

Returns:

An array with all the ships.

Since:

SWATH 1.5

See Also:[planets\(\)](#), [traders\(\)](#)

bubbles

```
public Bubble[] bubbles()  
    throws java.lang.Exception
```

Gets all the bubbles that the sector is part of.

Returns:

An array with all the bubbles.

Since:

SWATH 1.6.2

See Also:[Swath.getBubbles\(int\)](#)

bubbleGate

```
public int bubbleGate()  
    throws java.lang.Exception
```

Deprecated. *Use the `bubbles()` method instead.*

Indicates if the sector is part of a bubble or not.

Returns:

The bubble gate or 0 if the sector is not part of a bubble.

Since:

SWATH 1.3

See Also:[bubbles\(\)](#)

bubbleSize

```
public int bubbleSize()
```

throws `java.lang.Exception`

Deprecated. *Use the `bubbles()` method instead.*

Gets the size of the bubble. The return value is only valid if the sector is part of a bubble.

Returns:

The bubble size. Negative size if it's an unsecure bubble.

Since:

SWATH 1.3

See Also:

[bubbles\(\)](#)

display

```
public void display()
    throws java.lang.Exception
```

Displays this sector in the terminal window.

Since:

SWATH 1.4

See Also:

[dump\(\)](#)

dump

```
public void dump()
    throws java.lang.Exception
```

Dumps the sector info in the terminal window.

Since:

SWATH 1.3

See Also:

[display\(\)](#)

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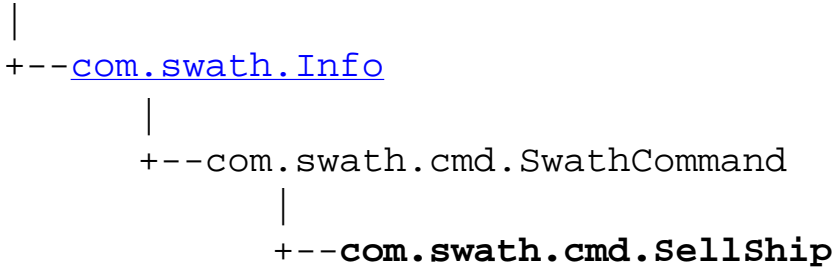
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Class SellShip

`java.lang.Object`

All Implemented Interfaces:

[CommandIfc](#)

```
public final class SellShip
extends com.swath.cmd.SwathCommand
```

Sell a ship at the Shipyards on StarDock.

Prompts: StarDock prompt

Since:

SWATH 1.6.5

See Also:

[BuyShip](#)

Method Summary

<code>static void</code>	exec (Ship ship, java.lang.String password) Sell a ship at the Shipyards on StarDock.
--------------------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(Ship ship,
                       java.lang.String password)
           throws java.lang.Exception
```

Sell a ship at the Shipyards on StarDock.

Parameters:

ship - The ship to sell.

password - The ship password or null if none.

Since:

SWATH 1.6.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```


Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class SendFedCommMessage

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.SendFedCommMessage

```

All Implemented Interfaces:

[CommandIfc](#)

public final class **SendFedCommMessage**
 extends com.swath.cmd.SwathCommand

Send a message on the Federation comm-link.

Prompts: Any prompt

Since:

SWATH 1.4

See Also:

[SendSSRadioMessage](#), [SendPrivateMessage](#)

Method Summary

static void	exec (java.lang.String message) Send a plain message on the Federation comm-link.
-------------	---

static void	exec (java.lang.String message, boolean encrypt) Send a message on the Federation comm-link.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String message)
```

throws `java.lang.Exception`

Send a plain message on the Federation comm-link.

Parameters:

message - The message to send.

Since:

SWATH 1.4

exec

```
public static void exec(java.lang.String message,  
                        boolean encrypt)  
    throws java.lang.Exception
```

Send a message on the Federation comm-link. The message could be sent in plain text or encrypted.

Parameters:

message - The message to send.

encrypt - true if the message should be encrypted, otherwise false.

Since:

SWATH 1.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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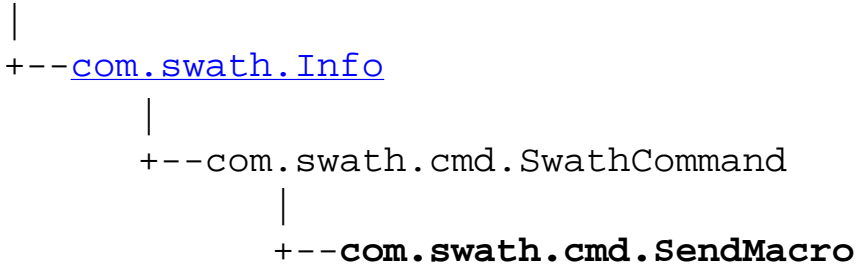
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com.swath.cmd

Class SendMacro

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **SendMacro**
 extends com.swath.cmd.SwathCommand

Send a macro to the TW server.

Prompts: Any prompt

Since:

SWATH 1.6.2

Method Summary

static void	exec (java.lang.String macro) Send a macro once to the TW server.
-------------	--

static void	<code>exec</code> (java.lang.String macro, int count, boolean express) Send a macro one or more times to the TW server.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(java.lang.String macro)
```

throws java.lang.Exception

Send a macro once to the TW server.

Parameters:

macro - The macro to send.

Since:

SWATH 1.6.2

exec

```
public static void exec(java.lang.String macro,  
                        int count,  
                        boolean express)  
    throws java.lang.Exception
```

Send a macro one or more times to the TW server.

Parameters:

macro - The macro to send.

count - The number of times to send the macro.

express - true to use express mode, otherwise false.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class SendPrivateMessage

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.SendPrivateMessage

```

All Implemented Interfaces:

[CommandIfc](#)

public final class **SendPrivateMessage**
 extends com.swath.cmd.SwathCommand

Send a private message to a trader.

Prompts: Any prompt

Since:

SWATH 1.5

See Also:

[SendFedCommMessage](#), [SendSSRadioMessage](#)

Method Summary

static void	exec (Trader trader, java.lang.String message) Send a plain message to a trader.
-------------	---

static void	exec (Trader trader, java.lang.String message, boolean encrypt) Send a private message to a trader.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
    throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(Trader trader,
                        java.lang.String message)
    throws java.lang.Exception
```

Send a plain message to a trader.

Parameters:

trader - The trader that should receive the message.

message - The message to send.

Since:

SWATH 1.5

exec

```
public static void exec(Trader trader,
                        java.lang.String message,
                        boolean encrypt)
    throws java.lang.Exception
```

Send a private message to a trader. The message could be sent in plain text or encrypted.

Parameters:

trader - The trader that should receive the message.

message - The message to send.

encrypt - true if the message should be encrypted, otherwise false.

Since:

SWATH 1.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class SendSSRadioMessage

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.SendSSRadioMessage

```

All Implemented Interfaces:

[CommandIfc](#)

public final class **SendSSRadioMessage**
 extends com.swath.cmd.SwathCommand

Send a message on the current sub-space radio band.

Prompts: Any prompt

Since:

SWATH 1.4

See Also:

[SendFedCommMessage](#), [SendPrivateMessage](#)

Method Summary

static void	exec (java.lang.String message)
Send a plain message on the current sub-space radio band.	

static void	exec (java.lang.String message, boolean encrypt) Send a message on the current sub-space radio band.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String message)
```

throws `java.lang.Exception`

Send a plain message on the current sub-space radio band.

Parameters:

message - The message to send.

Since:

SWATH 1.4

exec

```
public static void exec(java.lang.String message,
                        boolean encrypt)
    throws java.lang.Exception
```

Send a message on the current sub-space radio band. The message could be sent in plain text or encrypted.

Parameters:

message - The message to send.

encrypt - true if the message should be encrypted, otherwise false.

Since:

SWATH 1.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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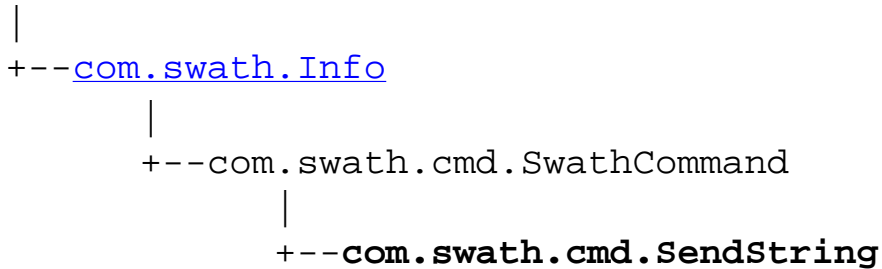
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com.swath.cmd

Class SendString

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **SendString**
 extends com.swath.cmd.SwathCommand

Send a string to the TW server.

NOTE: This function may be moved/removed in the future. Please, use the other commands if possible. If you miss a specific command, send a mail to support@swath.net

Prompts: -

Since:

SWATH 1.3

Field Summary

static java.lang.String	RETURN_KEY
The return key character (0x0D).	

Method Summary

static void	<code>exec</code> (java.lang.String str) Send a string to the TW server.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

RETURN_KEY

```
public static final java.lang.String RETURN_KEY
```

The return key character (0x0D).

Method Detail

initCommand


```
public boolean initCommand()
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(java.lang.String str)  
    throws java.lang.Exception
```

Send a string to the TW server.

NOTE: This function will be moved/removed in the future. Please, use the other commands if possible. If you miss a specific command, send a mail to support@swath.net

Parameters:

`str` - The string to send.

Since:

SWATH 1.3

See Also:

[RETURN_KEY](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class SetAvoidedSectors

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
```

```
            |
            +-- com.swath.cmd.SetAvoidedSectors
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **SetAvoidedSectors**
extends com.swath.cmd.SwathCommand

Set new sectors to avoid.

Prompts: Computer prompt

Since:

SWATH 1.4

See Also:

[GetAvoidedSectors](#), [ClearAvoidedSectors](#)

Method Summary

static void	exec (int sector) Set a new sector to avoid.
-------------	---

static void	<u>exec</u> (int[] sectors) Set new sectors to avoid.
static void	<u>exec</u> (<u>Sector</u> sector) Set a new sector to avoid.
static void	<u>exec</u> (<u>Sector</u> [] sectors) Set new sectors to avoid.
java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
    throws java.lang.Exception
```

Set a new sector to avoid.

Parameters:

sector - The sector to avoid.

Since:

SWATH 1.4

exec

```
public static void exec(int[] sectors)
    throws java.lang.Exception
```

Set new sectors to avoid.

Parameters:

sectors - An array with sectors to avoid.

Since:

SWATH 1.4

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

Set a new sector to avoid.

Parameters:

sector - The sector to avoid.

Since:

SWATH 1.6

exec

```
public static void exec(Sector[] sectors)
    throws java.lang.Exception
```

Set new sectors to avoid.

Parameters:

sectors - An array with sectors to avoid.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

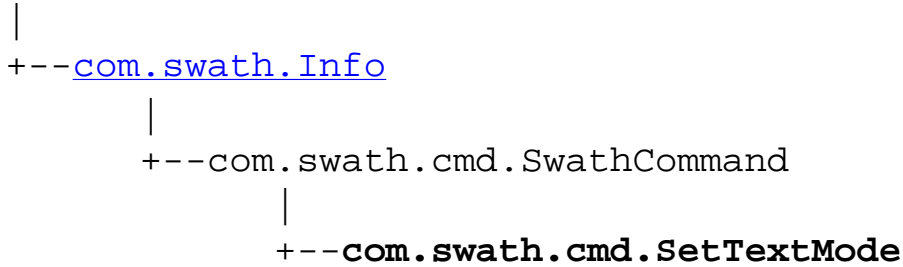
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com.swath.cmd

Class SetTextMode

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class SetTextMode
extends com.swath.cmd.SwathCommand
```

Set the current text mode.

Prompts: -

Since:

SWATH 1.3

See Also:

[PrintText](#)

Field Summary

static int	COLOR_BLACK Color black.
------------	---

static int	<u>COLOR_BLUE</u> Color blue.
static int	<u>COLOR_CYAN</u> Color cyan.
static int	<u>COLOR_GREEN</u> Color green.
static int	<u>COLOR_MAGENTA</u> Color magenta.
static int	<u>COLOR_RED</u> Color red.
static int	<u>COLOR_WHITE</u> Color white.
static int	<u>COLOR_YELLOW</u> Color yellow.
static int	<u>MODE_BLINK</u> Blink mode.
static int	<u>MODE_HIGHLIGHT</u> Highlight mode.
static int	<u>MODE_NORMAL</u> Normal mode.

Method Summary

static void	<u>exec</u> (int fgColor, int bgColor, int mode) Set the current text mode.
java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()

boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

COLOR_BLACK

```
public static final int COLOR_BLACK
```

Color black.

COLOR_RED

```
public static final int COLOR_RED
```

Color **red**.

COLOR_GREEN

```
public static final int COLOR_GREEN
```

Color **green**.

COLOR_YELLOW

```
public static final int COLOR_YELLOW
```

Color yellow.

COLOR_BLUE

```
public static final int COLOR_BLUE
```

Color blue.

COLOR_MAGENTA

```
public static final int COLOR_MAGENTA
```

Color magenta.

COLOR_CYAN

```
public static final int COLOR_CYAN
```

Color cyan.

COLOR_WHITE

```
public static final int COLOR_WHITE
```

Color white.

MODE_NORMAL

```
public static final int MODE_NORMAL
```

Normal mode.

MODE_HIGHLIGHT

```
public static final int MODE_HIGHLIGHT
```

Highlight mode.

MODE_BLINK

```
public static final int MODE_BLINK
```

Blink mode.

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int fgColor,
                        int bgColor,
                        int mode)
           throws java.lang.Exception
```

Set the current text mode.

Parameters:

fgColor - The foreground color.

bgColor - The background color.

mode - Text mode (combine several modes with logic OR: |): MODE_NORMAL ,
MODE_HIGHLIGHT or MODE_BLINK.

Since:

SWATH 1.3

See Also:

[COLOR_BLACK](#), [COLOR_RED](#), [COLOR_GREEN](#), [COLOR_YELLOW](#), [COLOR_BLUE](#),
[COLOR_MAGENTA](#), [COLOR_CYAN](#), [COLOR_WHITE](#), [MODE_NORMAL](#),
[MODE_HIGHLIGHT](#), [MODE_BLINK](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:[getParams](#) in interface [CommandIfc](#)Following copied from interface: `com.swath.CommandIfc`**Returns:**

The command parameters.

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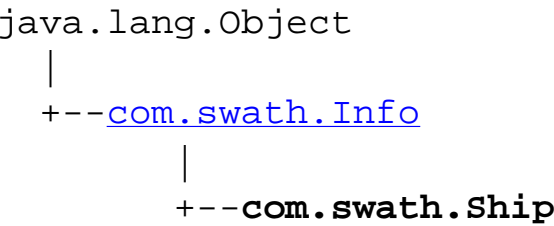
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com.swath

Class Ship



public final class **Ship**
extends [Info](#)

This class represents a ship in TW.

Since:
SWATH 1.3

Field Summary

static int	NO_TWD The ship has no TransWarp drive.
static int	ONE_SHIP_TWD The ship has a TransWarp drive for one ship.
static int	TWO_SHIP_TWD The ship has a TransWarp drive for two ships.

Method Summary

int	<u>armidMines</u> () Gets the number of armid mines on the ship.
int	<u>atomicDevices</u> () Gets the number of atomic detonators on the ship.
int	<u>beacons</u> () Gets the number of marker beacons on the ship.
java.lang.String	<u>brand</u> () Gets the brand of the ship.
int	<u>cloakingDevices</u> () Gets the number of cloaking devices on the ship.
int	<u>colonists</u> () Gets total number of holds with colonists.
int	<u>corbomite</u> () Gets the number of corbomite transducers on the ship.
java.util.Date	<u>dateBuilt</u> () Gets the date when the ship was built.
void	<u>display</u> () Displays this ship in the terminal window.
void	<u>dump</u> () Dumps the ship info in the terminal window.
int	<u>emptyHolds</u> () Gets total number of empty holds on the ship.
int	<u>equipment</u> () Gets total number of holds with equipment.
int	<u>etherProbes</u> () Gets the number of subspace ether probes on the ship.
int	<u>fighters</u> () Gets the number of fighters on the ship.
int	<u>fuel</u> () Gets total number of holds with fuel ore.
int	<u>genesisTorpedos</u> () Gets the number of genesis torpedos on the ship.

boolean	<u>hasDensityScanner</u> () Indicates if the ship has a density scanner or not.
boolean	<u>hasHoloScanner</u> () Indicates if the ship has a holographic scanner or not.
boolean	<u>hasInterdictor</u> () Indicates if the ship has an interdictor generator or not.
boolean	<u>hasPlanetScanner</u> () Indicates if the ship has a planet scanner or not.
boolean	<u>hasPsychicProbe</u> () Indicates if the ship has a psychic probe or not.
int	<u>holds</u> () Gets total number of holds on the ship.
int	<u>id</u> () Gets the ship identification number.
boolean	<u>isCorpShip</u> () Indicates if the ship is corporate or personal.
boolean	<u>isInterdictorActive</u> () Indicates if the ship's interdictor generator is active or not.
java.util.Date	<u>lastUpdate</u> () Gets the timestamp when the ship information was last updated.
int	<u>limpetMines</u> () Gets the number of limpet mines on the ship.
int	<u>mineDisruptors</u> () Gets the number of mine disruptors on the ship.
java.lang.String	<u>name</u> () Gets the name of the ship.
int	<u>oneShipTransWarpRange</u> () Gets the current range of a one ship TransWarp.
int	<u>organics</u> () Gets total number of holds with organics.
<u>Identity</u>	<u>owner</u> () Gets the current owner of the ship.

int	<u>photonMissiles</u> () Gets the number of photon missiles on the ship.
int	<u>sector</u> () Gets the sector number where the ship is currently located.
int	<u>shields</u> () Gets the number of shields on the ship.
<u>ShipCategory</u>	<u>shipCategory</u> () Gets the ship category.
java.lang.String	<u>toString</u> ()
<u>Ship</u>	<u>towingShip</u> () Indicates if the ship is towing another ship or not.
int	<u>transWarpDrive</u> () Indicates if the ship has a TransWarp drive or not and gets the type of TransWarp drive if the ship has one.
int	<u>turns2warp</u> () Gets the current number of turns the ship needs to warp.
int	<u>twoShipTransWarpRange</u> () Gets the current range of a two ship TransWarp.
java.lang.String	<u>type</u> () Gets the type of the ship.
<u>Trader</u>	<u>user</u> () Gets the current user of the ship.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Field Detail

NO_TWD

```
public static final int NO_TWD
```

The ship has no TransWarp drive.

ONE_SHIP_TWD

```
public static final int ONE_SHIP_TWD
```

The ship has a TransWarp drive for one ship.

TWO_SHIP_TWD

```
public static final int TWO_SHIP_TWD
```

The ship has a TransWarp drive for two ships.

Method Detail

id

```
public int id()
```

Gets the ship identification number.

Returns:

The ship id.

Since:

SWATH 1.3

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

lastUpdate

```
public java.util.Date lastUpdate()  
                        throws java.lang.Exception
```

Gets the timestamp when the ship information was last updated.

Returns:

The last update or null if never updated.

Since:

SWATH 1.3

name

```
public java.lang.String name()  
                        throws java.lang.Exception
```

Gets the name of the ship.

Returns:

The ship name.

Since:

SWATH 1.3

type

```
public java.lang.String type()  
                        throws java.lang.Exception
```

Gets the type of the ship.

Returns:

The ship type.

Since:

SWATH 1.3

shipCategory

```
public ShipCategory shipCategory()  
    throws java.lang.Exception
```

Gets the ship category.

Returns:

The ship category or null if not known.

Since:

SWATH 1.6

brand

```
public java.lang.String brand()  
    throws java.lang.Exception
```

Gets the brand of the ship.

Returns:

The ship brand.

Since:

SWATH 1.3

dateBuilt

```
public java.util.Date dateBuilt()  
    throws java.lang.Exception
```

Gets the date when the ship was built.

Returns:

The date when ship was built or null if not known.

Since:

SWATH 1.3

sector


```
public int sector()  
    throws java.lang.Exception
```

Gets the sector number where the ship is currently located.

Returns:

The current location or 0 if unknown.

Since:

SWATH 1.3

user

```
public Trader user()  
    throws java.lang.Exception
```

Gets the current user of the ship.

Returns:

The ship user.

Since:

SWATH 1.3

See Also:

[owner\(\)](#), [Trader](#)

owner

```
public Identity owner()  
    throws java.lang.Exception
```

Gets the current owner of the ship.

Returns:

The ship owner.

Since:

SWATH 1.3

See Also:

[user\(\)](#), [isCorpShip\(\)](#), [Identity](#), [Trader](#), [Corporation](#)

isCorpShip

```
public boolean isCorpShip()  
    throws java.lang.Exception
```

Indicates if the ship is corporate or personal. If the owner() method returns an unknown identity, the return value of this method is not valid.

Returns:

true if the ship is corporate, otherwise false.

Since:

SWATH 1.3

See Also:

[owner\(\)](#)

towingShip

```
public Ship towingShip()  
    throws java.lang.Exception
```

Indicates if the ship is towing another ship or not. If it is towing, the ship in tow is returned.

Returns:

The ship in tow or null if none.

Since:

SWATH 1.3

holds

```
public int holds()  
    throws java.lang.Exception
```

Gets total number of holds on the ship.

Returns:

Ship holds.

Since:

SWATH 1.3

fuel

```
public int fuel()  
    throws java.lang.Exception
```

Gets total number of holds with fuel ore.

Returns:

Holds with fuel ore.

Since:

SWATH 1.3

organics

```
public int organics()  
    throws java.lang.Exception
```

Gets total number of holds with organics.

Returns:

Holds with organics.

Since:

SWATH 1.3

equipment

```
public int equipment()  
    throws java.lang.Exception
```

Gets total number of holds with equipment.

Returns:

Holds with equipment.

Since:

SWATH 1.3

colonists

```
public int colonists()  
    throws java.lang.Exception
```

Gets total number of holds with colonists.

Returns:

Holds with colonists.

Since:

SWATH 1.3

emptyHolds

```
public int emptyHolds()  
    throws java.lang.Exception
```

Gets total number of empty holds on the ship.

Returns:

Empty holds.

Since:

SWATH 1.3

fighters

```
public int fighters()  
    throws java.lang.Exception
```

Gets the number of fighters on the ship.

Returns:

The number of fighters.

Since:

SWATH 1.3

shields

```
public int shields()  
    throws java.lang.Exception
```

Gets the number of shields on the ship.

Returns:

The number of shields.

Since:

SWATH 1.3

turns2warp

```
public int turns2warp()  
    throws java.lang.Exception
```

Gets the current number of turns the ship needs to warp.

Returns:

The number of turns to warp.

Since:

SWATH 1.3

transWarpDrive

```
public int transWarpDrive()  
    throws java.lang.Exception
```

Indicates if the ship has a TransWarp drive or not and gets the type of TransWarp drive if the ship has one.

Returns:

The type of TransWarp drive or NO_TWD if none.

Since:

SWATH 1.3

See Also:

[oneShipTransWarpRange\(\)](#), [twoShipTransWarpRange\(\)](#), [NO_TWD](#),
[ONE_SHIP_TWD](#), [TWO_SHIP_TWD](#)

oneShipTransWarpRange

```
public int oneShipTransWarpRange()
    throws java.lang.Exception
```

Gets the current range of a one ship TransWarp. Only valid if the ship has ONE_SHIP_TWD or TWO_SHIP_TWD.

Returns:

The number of hops.

Since:

SWATH 1.3

See Also:

[transWarpDrive\(\)](#), [twoShipTransWarpRange\(\)](#)

twoShipTransWarpRange

```
public int twoShipTransWarpRange()
    throws java.lang.Exception
```

Gets the current range of a two ship TransWarp. Only valid if the ship has TWO_SHIP_TWD.

Returns:

The number of hops.

Since:

SWATH 1.3

See Also:

[transWarpDrive\(\)](#), [oneShipTransWarpRange\(\)](#)

beacons

```
public int beacons()
    throws java.lang.Exception
```

Gets the number of marker beacons on the ship.

Returns:

Number of beacons.

Since:

SWATH 1.3

etherProbes

```
public int etherProbes()  
           throws java.lang.Exception
```

Gets the number of subspace ether probes on the ship.

Returns:

Number of probes.

Since:

SWATH 1.3

armidMines

```
public int armidMines()  
           throws java.lang.Exception
```

Gets the number of armid mines on the ship.

Returns:

Number of mines.

Since:

SWATH 1.3

limpetMines

```
public int limpetMines()  
           throws java.lang.Exception
```

Gets the number of limpet mines on the ship.

Returns:

Number of mines.

Since:

SWATH 1.3

mineDisruptors

```
public int mineDisruptors()  
           throws java.lang.Exception
```

Gets the number of mine disruptors on the ship.

Returns:

Number of disruptors.

Since:

SWATH 1.3

genesisTorpedos

```
public int genesisTorpedos()  
           throws java.lang.Exception
```

Gets the number of genesis torpedos on the ship.

Returns:

Number of torpedos.

Since:

SWATH 1.3

atomicDevices

```
public int atomicDevices()  
           throws java.lang.Exception
```

Gets the number of atomic detonators on the ship.

Returns:

Number of detonators.

Since:

SWATH 1.3

photonMissiles


```
public int photonMissiles()  
           throws java.lang.Exception
```

Gets the number of photon missiles on the ship.

Returns:

Number of photons.

Since:

SWATH 1.3

corbomite

```
public int corbomite()  
           throws java.lang.Exception
```

Gets the number of corbomite transducers on the ship.

Returns:

Number of transducers.

Since:

SWATH 1.3

cloakingDevices

```
public int cloakingDevices()  
           throws java.lang.Exception
```

Gets the number of cloaking devices on the ship.

Returns:

Number of devices.

Since:

SWATH 1.3

hasPsychicProbe

```
public boolean hasPsychicProbe()
```

throws `java.lang.Exception`

Indicates if the ship has a psychic probe or not.

Returns:

true if the ship has a psychic probe, otherwise false.

Since:

SWATH 1.3

hasDensityScanner

```
public boolean hasDensityScanner()  
    throws java.lang.Exception
```

Indicates if the ship has a density scanner or not.

Returns:

true if the ship has a density scanner, otherwise false.

Since:

SWATH 1.3

hasHoloScanner

```
public boolean hasHoloScanner()  
    throws java.lang.Exception
```

Indicates if the ship has a holographic scanner or not.

Returns:

true if the ship has a holographic scanner, otherwise false.

Since:

SWATH 1.3

hasPlanetScanner

```
public boolean hasPlanetScanner()  
    throws java.lang.Exception
```

Indicates if the ship has a planet scanner or not.

Returns:

true if the ship has a planet scanner, otherwise false.

Since:

SWATH 1.3

hasInterdictor

```
public boolean hasInterdictor( )  
    throws java.lang.Exception
```

Indicates if the ship has an interdictor generator or not.

Returns:

true if the ship has an interdictor generator, otherwise false.

Since:

SWATH 1.3

See Also:

[isInterdictorActive\(\)](#)

isInterdictorActive

```
public boolean isInterdictorActive( )  
    throws java.lang.Exception
```

Indicates if the ship's interdictor generator is active or not. Only valid if the ship has an interdictor generator.

Returns:

true if the interdictor generator is active, otherwise false.

Since:

SWATH 1.3

See Also:

[hasInterdictor\(\)](#)

display

```
public void display()  
    throws java.lang.Exception
```

Displays this ship in the terminal window.

Since:

SWATH 1.4

See Also:

[dump\(\)](#)

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the ship info in the terminal window.

Since:

SWATH 1.3

See Also:

[display\(\)](#)

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com.swath

Class ShipCategory

java.lang.Object

|

+-- [com.swath.Info](#)

|

+-- **com.swath.ShipCategory**public final class **ShipCategory**extends [Info](#)

This class represents a ship category in TW.

Since:

SWATH 1.6

Method Summary

int

[basicHoldCost](#) ()

Gets the basic hold cost for the ship category.

int

[computerCost](#) ()

Gets the computer cost for the ship category.

float

[defensiveOdds](#) ()

Gets the defensive odds for the ship category.

void

[dump](#) ()

Dumps the ship category info in the terminal window.

int	<u>initHolds</u> () Gets the initial number of holds for the ship category.
boolean	<u>longRangeScanner</u> () Indicates if the ship category can have a Long range scanner or not.
int	<u>mainDriveCost</u> () Gets the main drive cost for the ship category.
int	<u>maxArmidMines</u> () Gets the maximum number of Armid mines for the ship category.
int	<u>maxBeacons</u> () Gets the maximum number of Marker beacons for the ship category.
int	<u>maxFighters</u> () Gets the maximum number of fighters for the ship category.
int	<u>maxFightersPerAttack</u> () Gets the maximum number of fighters per attack for the ship category.
int	<u>maxGenesisTorpedos</u> () Gets the maximum number of Genesis torpedos for the ship category.
int	<u>maxHolds</u> () Gets the maximum number of holds for the ship category.
int	<u>maxShields</u> () Gets the maximum number of shields for the ship category.
float	<u>offensiveOdds</u> () Gets the offensive odds for the ship category.
boolean	<u>photonMissiles</u> () Indicates if the ship category can have Photon missiles or not.
boolean	<u>planetScanner</u> () Indicates if the ship category can have a Planet scanner or not.
int	<u>shipBaseCost</u> () Gets the ship base cost for the ship category.
int	<u>shipHullCost</u> () Gets the ship hull cost for the ship category.
java.lang.String	<u>toString</u> ()

int	transportRange () Gets the range of the transporter for the ship category.
boolean	transWarpDrive () Indicates if the ship category can have a TransWarp drive or not.
int	turnsPerWarp () Gets the number of turns per warp for the ship category.
java.lang.String	type () Gets the ship type.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Method Detail

type

```
public java.lang.String type()
    throws java.lang.Exception
```

Gets the ship type.

Returns:

The ship type.

Since:

SWATH 1.6

toString

```
public java.lang.String toString()
```

Overrides:

`toString` in class `java.lang.Object`

basicHoldCost

```
public int basicHoldCost()  
           throws java.lang.Exception
```

Gets the basic hold cost for the ship category.

Returns:

The basic hold cost.

Since:

SWATH 1.6

mainDriveCost

```
public int mainDriveCost()  
           throws java.lang.Exception
```

Gets the main drive cost for the ship category.

Returns:

The main drive cost.

Since:

SWATH 1.6

computerCost

```
public int computerCost()  
           throws java.lang.Exception
```

Gets the computer cost for the ship category.

Returns:

The computer cost.

Since:

SWATH 1.6

shipHullCost


```
public int shipHullCost()  
           throws java.lang.Exception
```

Gets the ship hull cost for the ship category.

Returns:

The ship hull cost.

Since:

SWATH 1.6

shipBaseCost

```
public int shipBaseCost()  
           throws java.lang.Exception
```

Gets the ship base cost for the ship category.

Returns:

The ship base cost.

Since:

SWATH 1.6

maxHolds

```
public int maxHolds()  
           throws java.lang.Exception
```

Gets the maximum number of holds for the ship category.

Returns:

The maximum number of holds.

Since:

SWATH 1.6

initHolds

```
public int initHolds()
```

throws `java.lang.Exception`

Gets the initial number of holds for the ship category.

Returns:

The initial number of holds.

Since:

SWATH 1.6

maxFighters

```
public int maxFighters()  
    throws java.lang.Exception
```

Gets the maximum number of fighters for the ship category.

Returns:

The maximum number of fighters.

Since:

SWATH 1.6

maxShields

```
public int maxShields()  
    throws java.lang.Exception
```

Gets the maximum number of shields for the ship category.

Returns:

The maximum number of shields.

Since:

SWATH 1.6

maxArmidMines

```
public int maxArmidMines()  
    throws java.lang.Exception
```

Gets the maximum number of Armid mines for the ship category.

Returns:

The maximum number of mines.

Since:

SWATH 1.6

maxGenesisTorpedos

```
public int maxGenesisTorpedos()  
           throws java.lang.Exception
```

Gets the maximum number of Genesis torpedos for the ship category.

Returns:

The maximum number of torpedos.

Since:

SWATH 1.6

maxBeacons

```
public int maxBeacons()  
           throws java.lang.Exception
```

Gets the maximum number of Marker beacons for the ship category.

Returns:

The maximum number of beacons.

Since:

SWATH 1.6

maxFightersPerAttack

```
public int maxFightersPerAttack()  
           throws java.lang.Exception
```

Gets the maximum number of fighters per attack for the ship category.

Returns:

The maximum number of fighters per attack.

Since:

SWATH 1.6

offensiveOdds

```
public float offensiveOdds()  
           throws java.lang.Exception
```

Gets the offensive odds for the ship category.

Returns:

The offensive odds.

Since:

SWATH 1.6

defensiveOdds

```
public float defensiveOdds()  
           throws java.lang.Exception
```

Gets the defensive odds for the ship category.

Returns:

The defensive odds.

Since:

SWATH 1.6

turnsPerWarp

```
public int turnsPerWarp()  
           throws java.lang.Exception
```

Gets the number of turns per warp for the ship category.

Returns:

The number of turns per warp.

Since:

SWATH 1.6

transportRange

```
public int transportRange()  
           throws java.lang.Exception
```

Gets the range of the transporter for the ship category.

Returns:

The transport range.

Since:

SWATH 1.6

transWarpDrive

```
public boolean transWarpDrive()  
           throws java.lang.Exception
```

Indicates if the ship category can have a TransWarp drive or not.

Returns:

true if it can have a TransWarp drive, otherwise false.

Since:

SWATH 1.6

longRangeScanner

```
public boolean longRangeScanner()  
           throws java.lang.Exception
```

Indicates if the ship category can have a Long range scanner or not. (This includes both Density and Holographic scanners)

Returns:

true if it can have a Long range scanner, otherwise false.

Since:

SWATH 1.6

planetScanner

```
public boolean planetScanner()  
                throws java.lang.Exception
```

Indicates if the ship category can have a Planet scanner or not.

Returns:

true if it can have a Planet scanner, otherwise false.

Since:

SWATH 1.6

photonMissiles

```
public boolean photonMissiles()  
                throws java.lang.Exception
```

Indicates if the ship category can have Photon missiles or not.

Returns:

true if it can have Photon missiles, otherwise false.

Since:

SWATH 1.6

dump

```
public void dump()  
            throws java.lang.Exception
```

Dumps the ship category info in the terminal window.

Since:

SWATH 1.6

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com.swath.cmd

Class ShowDeployedFighters

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.ShowDeployedFighters
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **ShowDeployedFighters**
 extends com.swath.cmd.SwathCommand

Show deployed fighters.

Prompts: Command prompt

Since:

SWATH 1.4

Method Summary

static void	exec () Show deployed fighters.
java.lang.String	getClassName () Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec()
           throws java.lang.Exception
```

Show deployed fighters.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class ShowPersonalPlanets

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
            |
            +-- com.swath.cmd.ShowPersonalPlanets
```

All Implemented Interfaces:

[CommandIfc](#)

```
public final class ShowPersonalPlanets
extends com.swath.cmd.SwathCommand
```

Show personal planets.

Prompts: Computer prompt

Since:

SWATH 1.5

Method Summary

static void [exec](#)()

Show personal planets.

java.lang.String [getClassName](#)()

Gets the command class name.

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Show personal planets.

Since:

SWATH 1.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams( )
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal( )
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class ShowWholsPlaying

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.ShowWhoIsPlaying**

All Implemented Interfaces:

[CommandIfc](#)

```
public final class ShowWhoIsPlaying
extends com.swath.cmd.SwathCommand
```

Show who is currently playing.

Prompts: Any prompt

Since:

SWATH 1.4

Method Summary

static [Trader](#)[][exec](#)()

Show who is currently playing.

java.lang.String

[getClassName](#)()

Gets the command class name.

java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static Trader[] exec()
           throws java.lang.Exception
```

Show who is currently playing.

Returns:

An array with the traders that are currently online.

Since:

SWATH 1.4

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class ShutOffTractorBeam

java.lang.Object

```
    |
    +-- com.swath.Info
        |
        +-- com.swath.cmd.SwathCommand
```

```
            |
            +-- com.swath.cmd.ShutOffTractorBeam
```

All Implemented Interfaces:

[CommandIfc](#)

```
public final class ShutOffTractorBeam
    extends com.swath.cmd.SwathCommand
```

Shut off the tractor beam.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[TowShip](#)

Method Summary

static void [exec](#)()

Shut off the tractor beam.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec()
           throws java.lang.Exception
```

Shut off the tractor beam.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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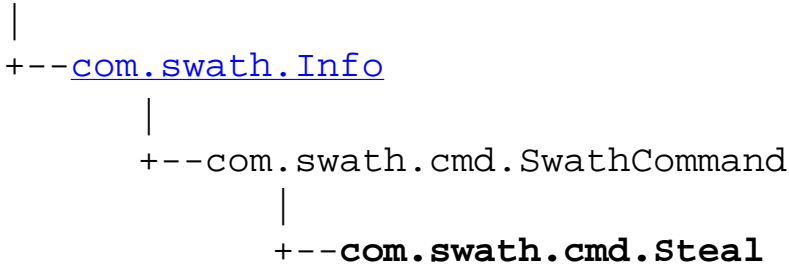
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Class Steal

`java.lang.Object`

All Implemented Interfaces:

[CommandIfc](#)

```
public final class Steal
extends com.swath.cmd.SwathCommand
```

Steal products from the port in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[Rob](#)

Method Summary

<code>static boolean</code>	<code>exec</code> (<code>int type</code>) Steal products from the port in the current sector.
-----------------------------	--

static boolean	<code>exec</code> (int type, int units) Steal products from the port in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static boolean exec(int type)
```

throws `java.lang.Exception`

Steal products from the port in the current sector. Will steal as much as possible.

Parameters:

type - The type of product to steal.

Returns:

true if successful, otherwise false.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

exec

```
public static boolean exec(int type,
                           int units)
    throws java.lang.Exception
```

Steal products from the port in the current sector.

Parameters:

type - The type of product to steal.

units - The number of units to steal.

Returns:

true if successful, otherwise false.

Since:

SWATH 1.4

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:[getParams](#) in interface [CommandIfc](#)Following copied from interface: `com.swath.CommandIfc`**Returns:**

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:[isInternal](#) in interface [CommandIfc](#)Following copied from interface: `com.swath.CommandIfc`**Returns:**

true if internal, otherwise false.

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com.swath

Class Swath

```
java.lang.Object
|
+-- com.swath.Swath
```

public final class **Swath**
extends java.lang.Object

This is the main SWATH class. When you need information from the SWATH database, this is your starting point.

Since:
SWATH 1.3

Field Summary

static int	ALL_PROMPTS All prompts.
static int	ALLIED The trader/corp is allied with you.
static int	CARGO_HOLDS The index and identifier used for Cargo holds.
static int	CITADEL_PROMPT The planet citadel prompt.
static int	COLONISTS The index and identifier used for Colonists.
static int	COMMAND_PROMPT The command prompt.
static int	COMPUTER_PROMPT The computer command prompt.
static int	CORP_PROMPT The corporate command prompt.
static int	CORPORATE The corporate owner type.

static int	<u>DEFENSIVE_FTRS</u> The defensive fighter type.
static int	<u>ENEMY</u> The trader/corp is an enemy of yours.
static int	<u>EQUIPMENT</u> The index and identifier used for Equipment.
static int	<u>FIGHTERS</u> The index and identifier used for Fighters.
static int	<u>FRIENDLY</u> The sector is friendly to you.
static int	<u>FUEL_ORE</u> The index and indentifier used for Fuel Ore.
static int	<u>HOSTILE</u> The sector is hostile to you.
static int	<u>ID_ALIEN</u> This is the trader id for 'Alien'.
static int	<u>ID_FEDERAL</u> This is the trader id for 'Federation'.
static int	<u>ID_FERRENGI</u> This is the trader id for 'Ferengi'.
static int	<u>ID_NOBODY</u> This is the trader id for 'Nobody'.
static int	<u>ID_UNKNOWN</u> This is the trader id for 'Unknown'.
static int	<u>ID_YOU</u> This is your trader id.
static <u>MainInfo</u>	<u>main</u> Get main game and SWATH information here.
static int	<u>MERCHENARY_FTRS</u> The merchenary fighter type.
static int	<u>N_A</u> Indicates 'N/A'.
static int	<u>NEUTRAL</u> The trader/corp/sector is neutral to you.
static int	<u>NO</u> Indicates 'No'.
static int	<u>NO_CHANGE</u> Indicates 'No change'.
static int	<u>NO_PROMPT</u> No prompt.

static int	<u>OFF</u> Indicates 'Off'.
static int	<u>OFFENSIVE_FTRS</u> The offensive fighter type.
static int	<u>ON</u> Indicates 'On'.
static int	<u>ORGANICS</u> The index and identifier used for Organics.
static int	<u>PERSONAL</u> The personal owner type.
static int	<u>PLANET_PROMPT</u> The planet prompt.
static <u>Sector</u>	<u>sector</u> Get the current sector information here.
static int	<u>SHIELDS</u> The index and identifier used for Shields.
static <u>Ship</u>	<u>ship</u> Get your current ship information here.
static int	<u>STARDOCK_PROMPT</u> The StarDock prompt.
static int	<u>TOLL_FTRS</u> The toll fighter type.
static int	<u>UNKNOWN</u> Indicates 'Unknown'.
static int	<u>WITH_YOU</u> The trader/corp is playing together with you.
static int	<u>YES</u> Indicates 'Yes'.
static <u>Trader</u>	<u>you</u> Get your own trader information here.

Method Summary

static java.lang.Object	<u>execCommand</u> (<u>CommandIfc</u> cmd) Executes a command. Used by SWATH only!
static <u>Corporation</u> []	<u>getAllCorporations</u> () Gets an array with all corporations.
static <u>PlanetClass</u> []	<u>getAllPlanetClasses</u> () Gets an array with all planet classes.

static Planet []	getAllPlanets () Gets an array with all planets.
static ShipCategory []	getAllShipCategories () Gets an array with all ship categories.
static Ship []	getAllShips () Gets an array with all ships.
static Trader []	getAllTraders () Gets an array with all traders.
static Bubble []	getBubbles (int type) Gets all bubbles of a specific type.
static Corporation	getCorporation (int corp) Gets a corporation.
static Planet	getPlanet (int planet) Gets a planet.
static PlanetClass	getPlanetClass (java.lang.String type) Gets a planet class.
static Sector	getSector (int sector) Gets a sector.
static Sector []	getSectors (int[] sectorNumbers) Gets an array of sectors.
static Ship	getShip (int ship) Gets a ship.
static ShipCategory	getShipCategory (java.lang.String type) Gets a ship category.
static Trader	getTrader (java.lang.String name) Gets a trader.
static void	setErrorMsg (java.lang.String message) Sets the current error message.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

NO_PROMPT

```
public static final int NO_PROMPT
```

No prompt.

COMMAND_PROMPT

```
public static final int COMMAND_PROMPT
```

The command prompt.

COMPUTER_PROMPT

```
public static final int COMPUTER_PROMPT
```

The computer command prompt.

PLANET_PROMPT

```
public static final int PLANET_PROMPT
```

The planet prompt.

CITADEL_PROMPT

```
public static final int CITADEL_PROMPT
```

The planet citadel prompt.

CORP_PROMPT

```
public static final int CORP_PROMPT
```

The corporate command prompt.

STARDOCK_PROMPT

```
public static final int STARDOCK_PROMPT
```

The StarDock prompt.

ALL_PROMPTS

```
public static final int ALL_PROMPTS
```

All prompts.

FUEL_ORE

```
public static final int FUEL_ORE
```

The index and indentifier used for Fuel Ore.

ORGANICS

```
public static final int ORGANICS
```

The index and identifier used for Organics.

EQUIPMENT

```
public static final int EQUIPMENT
```

The index and identifier used for Equipment.

COLONISTS

```
public static final int COLONISTS
```

The index and identifier used for Colonists.

FIGHTERS

```
public static final int FIGHTERS
```

The index and identifier used for Fighters.

SHIELDS

```
public static final int SHIELDS
```

The index and identifier used for Shields.

CARGO_HOLDS

```
public static final int CARGO_HOLDS
```

The index and identifier used for Cargo holds.

PERSONAL

```
public static final int PERSONAL
```

The personal owner type.

CORPORATE

```
public static final int CORPORATE
```

The corporate owner type.

TOLL_FTRS

```
public static final int TOLL_FTRS
```

The toll fighter type.

DEFENSIVE_FTRS

```
public static final int DEFENSIVE_FTRS
```

The defensive fighter type.

OFFENSIVE_FTRS

```
public static final int OFFENSIVE_FTRS
```

The offensive fighter type.

MERCHENARY_FTRS

```
public static final int MERCHENARY_FTRS
```

The mercenary fighter type.

ID_YOU

```
public static final int ID_YOU
```

This is your trader id.

ID_NOBODY

```
public static final int ID_NOBODY
```

This is the trader id for 'Nobody'.

ID_UNKNOWN

```
public static final int ID_UNKNOWN
```

This is the trader id for 'Unknown'.

ID_FEDERAL

```
public static final int ID_FEDERAL
```

This is the trader id for 'Federation'.

ID_FERRENGI

```
public static final int ID_FERRENGI
```

This is the trader id for 'Ferengi'.

ID_ALIEN

```
public static final int ID_ALIEN
```

This is the trader id for 'Alien'.

WITH_YOU

```
public static final int WITH_YOU
```

The trader/corp is playing together with you.

ALLIED

```
public static final int ALLIED
```

The trader/corp is allied with you.

NEUTRAL

```
public static final int NEUTRAL
```

The trader/corp/sector is neutral to you.

ENEMY

```
public static final int ENEMY
```

The trader/corp is an enemy of yours.

FRIENDLY

```
public static final int FRIENDLY
```

The sector is friendly to you.

HOSTILE

```
public static final int HOSTILE
```

The sector is hostile to you.

YES

```
public static final int YES
```

Indicates 'Yes'.

NO

```
public static final int NO
```

Indicates 'No'.

ON

```
public static final int ON
```

Indicates 'On'.

OFF

```
public static final int OFF
```

Indicates 'Off'.

N_A

```
public static final int N_A
```

Indicates 'N/A'.

UNKNOWN

```
public static final int UNKNOWN
```

Indicates 'Unknown'.

NO_CHANGE

```
public static final int NO_CHANGE
```

Indicates 'No change'.

main

```
public static MainInfo main
```

Get main game and SWATH information here.

Since:

SWATH 1.3

you

```
public static Trader you
```

Get your own trader information here.

Since:

SWATH 1.3

ship

```
public static Ship ship
```

Get your current ship information here.

Since:

SWATH 1.3

sector

```
public static Sector sector
```

Get the current sector information here.

Since:

SWATH 1.4

Method Detail

setErrorMsg

```
public static void setErrorMsg(java.lang.String message)
```

Sets the current error message.

Parameters:

message - The error message.

Since:

SWATH 1.3

getSector

```
public static Sector getSector(int sector)  
    throws java.lang.IllegalArgumentException,  
           java.lang.Exception
```

Gets a sector.

Parameters:

sector - The sector number.

Returns:

The wanted sector.

Since:

SWATH 1.4

getSectors

```
public static Sector[] getSectors(int[] sectorNumbers)
                                throws java.lang.IllegalArgumentException,
                                java.lang.Exception
```

Gets an array of sectors.

Parameters:

sectorNumbers - The sector number array.

Returns:

The wanted sector array.

Since:

SWATH 1.6

getTrader

```
public static Trader getTrader(java.lang.String name)
                                throws java.lang.IllegalArgumentException,
                                java.lang.Exception
```

Gets a trader.

Parameters:

name - The trader name.

Returns:

The wanted trader.

Since:

SWATH 1.4

getAllTraders

```
public static Trader[] getAllTraders()
                                throws java.lang.IllegalArgumentException,
                                java.lang.Exception
```

Gets an array with all traders.

Returns:

The array of traders.

Since:

SWATH 1.6.2

getShip

```
public static Ship getShip(int ship)
```

throws `java.lang.IllegalArgumentException`,
`java.lang.Exception`

Gets a ship.

Parameters:

`ship` - The ship id.

Returns:

The wanted ship.

Since:

SWATH 1.4

getAllShips

```
public static Ship[] getAllShips()  
                throws java.lang.IllegalArgumentException,  
                java.lang.Exception
```

Gets an array with all ships.

Returns:

The array of ships.

Since:

SWATH 1.6.2

getShipCategory

```
public static ShipCategory getShipCategory(java.lang.String type)  
                throws java.lang.IllegalArgumentException,  
                java.lang.Exception
```

Gets a ship category.

Parameters:

`type` - The ship type.

Returns:

The wanted ship category.

Since:

SWATH 1.6

getAllShipCategories

```
public static ShipCategory[] getAllShipCategories()  
                throws java.lang.IllegalArgumentException,  
                java.lang.Exception
```

Gets an array with all ship categories.

Returns:

The array of ship categories.

Since:

SWATH 1.6.2

getPlanet

```
public static Planet getPlanet(int planet)
    throws java.lang.IllegalArgumentException,
           java.lang.Exception
```

Gets a planet.

Parameters:

planet - The planet id.

Returns:

The wanted planet.

Since:

SWATH 1.4

getAllPlanets

```
public static Planet[] getAllPlanets()
    throws java.lang.IllegalArgumentException,
           java.lang.Exception
```

Gets an array with all planets.

Returns:

The array of planets.

Since:

SWATH 1.6.2

getPlanetClass

```
public static PlanetClass getPlanetClass(java.lang.String type)
    throws java.lang.IllegalArgumentException,
           java.lang.Exception
```

Gets a planet class.

Parameters:

type - The planet type.

Returns:

The wanted planet class.

Since:
SWATH 1.6

getAllPlanetClasses

```
public static PlanetClass[] getAllPlanetClasses()  
                                throws java.lang.IllegalArgumentException,  
                                java.lang.Exception
```

Gets an array with all planet classes.

Returns:
The array of planet classes.

Since:
SWATH 1.6.2

getCorporation

```
public static Corporation getCorporation(int corp)  
                                throws java.lang.IllegalArgumentException,  
                                java.lang.Exception
```

Gets a corporation.

Parameters:
corp - The corporation id.

Returns:
The wanted corporation or null if not found.

Since:
SWATH 1.5

getAllCorporations

```
public static Corporation[] getAllCorporations()  
                                throws java.lang.IllegalArgumentException,  
                                java.lang.Exception
```

Gets an array with all corporations.

Returns:
The array of corporations.

Since:
SWATH 1.6.2

getBubbles

```
public static Bubble[] getBubbles(int type)
                                throws java.lang.IllegalArgumentException,
                                java.lang.Exception
```

Gets all bubbles of a specific type.

Parameters:

type - The type of bubbles to get.

Returns:

An array with the wanted bubbles.

Since:

SWATH 1.5

See Also:

[Bubble.TYPE_NORMAL](#), [Bubble.TYPE_DEAD_END](#), [Bubble.TYPE_BLACK_HOLE](#)

execCommand

```
public static java.lang.Object execCommand(CommandIfc cmd)
                                throws CommandException,
                                java.lang.Exception
```

Executes a command.

Used by SWATH only!

Parameters:

cmd - The command.

Returns:

The command return value.

Throws:

[CommandException](#) - If the command fails.

Since:

SWATH 1.3

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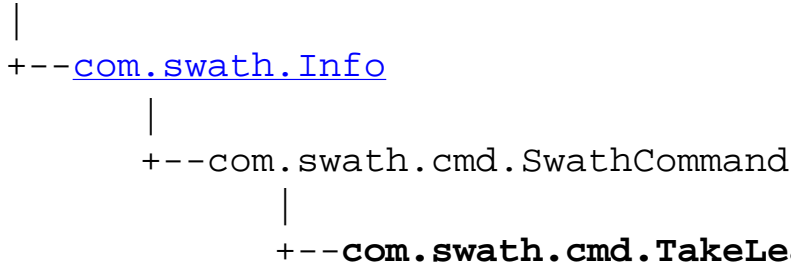
DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

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com.swath.cmd

Class TakeLeaveColonists

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **TakeLeaveColonists**
extends com.swath.cmd.SwathCommand

Take or leave colonists on the current planet.

Prompts: Planet prompt

Since:

SWATH 1.3

See Also:

[TakeLeaveProducts](#), [TakeLeaveFighters](#), [TakeLeaveShields](#),
[TakeLeaveCredits](#)

Method Summary

static void	exec (int colonists, int type) Take or leave colonists on the current planet.
-------------	--

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int colonists,
                       int type)
           throws java.lang.Exception
```

Take or leave colonists on the current planet. Positive number of colonists means taking and negative number means leaving.

Parameters:

`colonists` - The number of colonists to take/leave.

`type` - The type of product to take/leave colonists from/at.

Since:

SWATH 1.3

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

isUserDefined

```
public final boolean isUserDefined( )
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName( )
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class TakeLeaveCredits

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.TakeLeaveCredits
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **TakeLeaveCredits**
 extends com.swath.cmd.SwathCommand

Take or leave credits from/to the citadel treasury.

Prompts: Citadel prompt

Since:

SWATH 1.6.5

See Also:

[TakeLeaveProducts](#), [TakeLeaveColonists](#), [TakeLeaveFighters](#),
[TakeLeaveShields](#)

Method Summary

static void	exec (int credits)
	Take or leave credits from/to the citadel treasury.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int credits)
           throws java.lang.Exception
```

Take or leave credits from/to the citadel treasury. Positive amount of credits means taking and

negative amount means leaving.

Parameters:

`credits` - The amount of credits to take/leave.

Since:

SWATH 1.6.5

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class TakeLeaveFighters

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.TakeLeaveFighters

```

All Implemented Interfaces:

[CommandIfc](#)

public final class **TakeLeaveFighters**
 extends com.swath.cmd.SwathCommand

Take or leave fighters on the current planet.

Prompts: Planet prompt

Since:

SWATH 1.3

See Also:

[TakeLeaveProducts](#), [TakeLeaveColonists](#), [TakeLeaveShields](#),
[TakeLeaveCredits](#)

Method Summary

static void	exec (int fighters)
	Take or leave fighters on the current planet.

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int fighters)
           throws java.lang.Exception
```

Take or leave fighters on the current planet. Positive number of fighters means taking and

negative number means leaving.

Parameters:

fighters - The number of fighters to take/leave.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class TakeLeaveProducts

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.TakeLeaveProducts**

All Implemented Interfaces:

[CommandIfc](#)

public final class **TakeLeaveProducts**
extends com.swath.cmd.SwathCommand

Take and/or leave products on the current planet.

Prompts: Planet prompt

Since:

SWATH 1.3

See Also:

[TakeLeaveColonists](#), [TakeLeaveFighters](#), [TakeLeaveShields](#),
[TakeLeaveCredits](#)

Method Summary

static void	exec (int fuel, int organics, int equipment) Take and/or leave products on the current planet.
-------------	---

java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(int fuel,
                       int organics,
                       int equipment)
           throws java.lang.Exception
```

Take and/or leave products on the current planet. Positive amount of product means taking and negative amount means leaving.

Parameters:

fuel - The amount of Fuel Ore to take/leave.

organics - The amount of Organics to take/leave.

equipment - The amount of Equipment to take/leave.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined( )
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName( )
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class TakeLeaveShields

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand|
+-- **com.swath.cmd.TakeLeaveShields**

All Implemented Interfaces:

[CommandIfc](#)

public final class **TakeLeaveShields**
extends com.swath.cmd.SwathCommand

Take or leave shields from/to the planetary shield generator.

Prompts: Citadel prompt

Since:

SWATH 1.3

See Also:

[TakeLeaveProducts](#), [TakeLeaveColonists](#), [TakeLeaveFighters](#),
[TakeLeaveCredits](#)

Method Summary

static void [exec](#)(int shields)

Take or leave shields from/to the planetary shield generator.

java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int shields)
           throws java.lang.Exception
```

Take or leave shields from/to the planetary shield generator. Positive number of shields means

taking and negative number means leaving.

Parameters:

shields - The number of shields to take/leave. 10 shields equals 1 planetary shield.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class TimeoutException

java.lang.Object

|

+-- java.lang.Throwable

|

+-- java.lang.Exception

|

+-- com.swath.SwathException

|

+-- **com.swath.TimeoutException**

All Implemented Interfaces:

java.io.Serializable

public class **TimeoutException**
 extends com.swath.SwathException

Timeout exception.
 Thrown when there is a timeout.

Since:

SWATH 1.6

See Also:

[Serialized Form](#)

Constructor Summary

[TimeoutException](#)()[TimeoutException](#)(java.lang.String msg)**Methods inherited from class java.lang.Throwable**

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, toString

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

TimeoutException

```
public TimeoutException()
```

TimeoutException

```
public TimeoutException(java.lang.String msg)
```

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com.swath

Class Tools

```
java.lang.Object
|
+--com.swath.Tools
```

public final class **Tools**
extends java.lang.Object

This class contains help functions that can be useful when writing scripts. It will be extended with more functionality continously, so make sure you check it out in every new release.

Since:
SWATH 1.6

Inner Class Summary

static class	Tools.PortSearchParameters This class contains parameters used when searching for ports and port pairs.
static class	Tools.SectorSearchParameters This class contains parameters used when searching for sectors.

Method Summary

static java.awt.Frame	createFrame (java.lang.String title, int width, int height) Creates an AWT window frame.
-----------------------	---

<code>static javax.swing.JFrame</code>	<code>createJFrame</code> (<code>java.lang.String title</code> , <code>int width</code> , <code>int height</code>) Creates a Swing window frame.
<code>static javax.swing.JPanel</code>	<code>createJPanel</code> () Creates a Swing panel.
<code>static java.awt.Panel</code>	<code>createPanel</code> () Creates an AWT panel.
<code>static int[][]</code>	<code>findPortPairs</code> (<code>Tools.PortSearchParameters</code> <code>params1</code> , <code>Tools.PortSearchParameters</code> <code>params2</code> , <code>boolean fighterSearch</code> , <code>int maxDistance</code>) Finds port pairs in the SWATH database that matches the given parameters.
<code>static int[]</code>	<code>findPorts</code> (<code>Tools.PortSearchParameters</code> <code>params</code> , <code>boolean fighterSearch</code> , <code>int maxDistance</code>) Finds ports in the SWATH database that matches the given parameters.
<code>static int[]</code>	<code>findRoute</code> (<code>int fromSector</code> , <code>int toSector</code>) Finds the route between two sectors by using the SWATH database.
<code>static int[]</code>	<code>findSectors</code> (<code>Tools.SectorSearchParameters</code> <code>params</code>) Finds sectors in the SWATH database that matches the given parameters.
<code>static java.lang.String</code>	<code>getClassName</code> (<code>java.lang.Class cls</code>) Gets the class name.
<code>static java.net.URL</code>	<code>getResource</code> (<code>java.lang.String resource</code>) Finds a resource with a given name.
<code>static void</code>	<code>playSoundFile</code> (<code>java.io.File file</code>) Plays the sound from a given file.
<code>static void</code>	<code>playSoundFileAsync</code> (<code>java.io.File file</code>) Plays the sound from a given file asynchronously.
<code>static void</code>	<code>playSoundURL</code> (<code>java.net.URL url</code>) Plays the sound from a given URL.
<code>static void</code>	<code>playSoundURLAsync</code> (<code>java.net.URL url</code>) Plays the sound from a given URL asynchronously.

Methods inherited from class `java.lang.Object`

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait,  
wait
```

Method Detail

findRoute

```
public static int[] findRoute(int fromSector,  
                               int toSector)  
    throws java.lang.Exception
```

Finds the route between two sectors by using the SWATH database.

Parameters:

fromSector - The start sector.

toSector - The end sector.

Returns:

An array with the sector path.

Since:

SWATH 1.5

findSectors

```
public static int[] findSectors(Tools.SectorSearchParameters params)  
    throws java.lang.Exception
```

Finds sectors in the SWATH database that matches the given parameters.

Parameters:

params - The sector parameters.

Returns:

An array with the matching sectors.

Since:

SWATH 1.6.2

See Also:

[Tools.SectorSearchParameters](#)

findPorts

```
public static int[] findPorts(Tools.PortSearchParameters params,
                               boolean fighterSearch,
                               int maxDistance)
    throws java.lang.Exception
```

Finds ports in the SWATH database that matches the given parameters.

Parameters:

params - The port parameters.

fighterSearch - true to include fighters in the search, otherwise false.

maxDistance - The maximum distance to search or -1 for no limit.

Returns:

An array with the matching port sectors.

Since:

SWATH 1.6.2

See Also:

[Tools.PortSearchParameters](#)

findPortPairs

```
public static int[][] findPortPairs(Tools.PortSearchParameters params1,
                                     Tools.PortSearchParameters params2,
                                     boolean fighterSearch,
                                     int maxDistance)
    throws java.lang.Exception
```

Finds port pairs in the SWATH database that matches the given parameters.

Parameters:

params1 - The first port parameters.

params2 - The second port parameters.

fighterSearch - true to include fighters in the search, otherwise false.

maxDistance - The maximum distance to search or -1 for no limit.

Returns:

An array with the matching port pair sectors.

Since:

SWATH 1.6.2

See Also:

[Tools.PortSearchParameters](#)

getClassName

```
public static java.lang.String getClassName(java.lang.Class cls)
```

Gets the class name.

Parameters:

`cls` - The class.

Returns:

The class name.

Since:

SWATH 1.6.5

getResource

```
public static java.net.URL getResource(java.lang.String resource)
```

Finds a resource with a given name. The search is done using the class path.

Parameters:

`resource` - The name of the wanted resource.

Returns:

The URL to the wanted resource or null if not found.

Since:

SWATH 1.6.2

playSoundFile

```
public static void playSoundFile(java.io.File file)  
    throws java.lang.Exception
```

Plays the sound from a given file. The method does not return until the complete file is played.
Supported file formats: WAV, AU, SND, AIFF, AIFC

Parameters:

`file` - The sound file to play.

Since:

SWATH 1.5

See Also:

[playSoundFileAsync\(java.io.File\)](#), [playSoundURL\(java.net.URL\)](#),

[playSoundURLAsync\(java.net.URL\)](#)

playSoundFileAsync

```
public static void playSoundFileAsync(java.io.File file)
                                throws java.lang.Exception
```

Plays the sound from a given file asynchronously. The method plays the sound in the background and returns immediately.

Supported file formats: WAV, AU, SND, AIFF, AIFC

Parameters:

`file` - The sound file to play.

Since:

SWATH 1.6

See Also:

[playSoundFile\(java.io.File\)](#), [playSoundURL\(java.net.URL\)](#),
[playSoundURLAsync\(java.net.URL\)](#)

playSoundURL

```
public static void playSoundURL(java.net.URL url)
                                throws java.lang.Exception
```

Plays the sound from a given URL. The method does not return until the complete audio stream is played.

Supported file formats: WAV, AU, SND, AIFF, AIFC

Parameters:

`url` - The URL with the sound to play.

Since:

SWATH 1.5

See Also:

[playSoundFile\(java.io.File\)](#), [playSoundFileAsync\(java.io.File\)](#),
[playSoundURLAsync\(java.net.URL\)](#)

playSoundURLAsync

```
public static void playSoundURLAsync(java.net.URL url)
                                throws java.lang.Exception
```

Plays the sound from a given URL asynchronously. The method plays the sound in the background and returns immediately.

Supported file formats: WAV, AU, SND, AIFF, AIFC

Parameters:

url - The URL with the sound to play.

Since:

SWATH 1.6

See Also:

[playSoundFile\(java.io.File\)](#), [playSoundFileAsync\(java.io.File\)](#),
[playSoundURL\(java.net.URL\)](#)

createPanel

```
public static java.awt.Panel createPanel()
                                throws java.lang.Exception
```

Creates an AWT panel.

Returns:

The new Panel.

Since:

SWATH 1.4

See Also:

[createJPanel\(\)](#)

createJPanel

```
public static javax.swing.JPanel createJPanel()
                                throws java.lang.Exception
```

Creates a Swing panel.

Returns:

The new JPanel.

Since:

SWATH 1.5

See Also:

[createPanel\(\)](#)

createFrame

```
public static java.awt.Frame createFrame(java.lang.String title,  
                                           int width,  
                                           int height)  
    throws java.lang.Exception
```

Creates an AWT window frame.

Parameters:

title - The window title.

width - The width of the window.

height - The height of the window.

Returns:

The new Frame.

Since:

SWATH 1.5

See Also:

[createJFrame\(java.lang.String, int, int\)](#)

createJFrame

```
public static javax.swing.JFrame createJFrame(java.lang.String title,  
                                                int width,  
                                                int height)  
    throws java.lang.Exception
```

Creates a Swing window frame.

Parameters:

title - The window title.

width - The width of the window.

height - The height of the window.

Returns:

The new JFrame.

Since:

SWATH 1.5

See Also:

[createFrame\(java.lang.String, int, int\)](#)

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com.swath

Class Tools.PortSearchParameters

```
java.lang.Object
|
+--com.swath.Tools.PortSearchParameters
```

All Implemented Interfaces:

java.lang.Cloneable

Enclosing class:

[Tools](#)

```
public static final class Tools.PortSearchParameters
extends java.lang.Object
implements java.lang.Cloneable
```

This class contains parameters used when searching for ports and port pairs.

Since:

SWATH 1.6.2

Constructor Summary

[Tools.PortSearchParameters](#)()

Method Summary

<code>java.lang.Object</code>	<code>clone()</code>
<code>boolean</code>	<code>equals(java.lang.Object obj)</code>
<code>void</code>	<code>setMaxAmount(int type, int maxAmount)</code> Sets the maximum amount of a product to search for.
<code>void</code>	<code>setMaxPercentage(int type, int maxPer)</code> Sets the maximum percentage of a product to search for.
<code>void</code>	<code>setMinAmount(int type, int minAmount)</code> Sets the minimum amount of a product to search for.
<code>void</code>	<code>setMinPercentage(int type, int minPer)</code> Sets the minimum percentage of a product to search for.
<code>void</code>	<code>setPortOption(int type, boolean buying)</code> Sets if the port should be buying or selling a specific product.
<code>java.lang.String</code>	<code>toString()</code>

Methods inherited from class java.lang.Object

`getClass, hashCode, notify, notifyAll, wait, wait, wait`

Constructor Detail

Tools.PortSearchParameters

```
public Tools.PortSearchParameters()
```

Method Detail

toString

```
public java.lang.String toString()
```

Overrides:

toString in class java.lang.Object

equals

```
public boolean equals(java.lang.Object obj)
```

Overrides:

equals in class java.lang.Object

clone

```
public java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

setPortOption

```
public void setPortOption(int type,  
    boolean buying)
```

Sets if the port should be buying or selling a specific product. The default for each product is to match both buying and selling when searching.

Parameters:

type - The type of product.

buying - true if the port should be buying the product or false if the port should be selling the product.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

setMinAmount

```
public void setMinAmount(int type,  
                          int minAmount)
```

Sets the minimum amount of a product to search for.

Parameters:

type - The type of product.

minAmount - The minimum amount.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

setMaxAmount

```
public void setMaxAmount(int type,  
                          int maxAmount)
```

Sets the maximum amount of a product to search for.

Parameters:

type - The type of product.

maxAmount - The maximum amount.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

setMinPercentage

```
public void setMinPercentage(int type,  
                              int minPer)
```

Sets the minimum percentage of a product to search for.

Parameters:

type - The type of product.

minPer - The minimum percentage.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

setMaxPercentage

```
public void setMaxPercentage(int type,  
                             int maxPer)
```

Sets the maximum percentage of a product to search for.

Parameters:

type - The type of product.

maxPer - The maximum percentage.

Since:

SWATH 1.6.2

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

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com.swath

Class Tools.SectorSearchParameters

`java.lang.Object`

|

`+-com.swath.Tools.SectorSearchParameters`

All Implemented Interfaces:

`java.lang.Cloneable`

Enclosing class:

[Tools](#)`public static final class Tools.SectorSearchParameters``extends java.lang.Object``implements java.lang.Cloneable`

This class contains parameters used when searching for sectors.

Since:

SWATH 1.6.2

Constructor Summary

[Tools.SectorSearchParameters](#)()

Method Summary

java.lang.Object	<u>clone</u> ()
boolean	<u>equals</u> (java.lang.Object obj)
void	<u>setAnomaly</u> () Search for sectors with anomalies.
void	<u>setArmidMines</u> (boolean min, int amount) Sets the minimum or maximum number of armid mines to search for.
void	<u>setArmidOwner</u> (<u>Identity</u> owner) Search for armid mines with a specific owner.
void	<u>setBeaconText</u> (java.lang.String text) Sets the beacon text to search for.
void	<u>setDensity</u> (boolean min, int density) Sets the minimum or maximum sector density to search for.
void	<u>setFighterAmount</u> (boolean min, int amount) Sets the minimum or maximum number of fighters to search for.
void	<u>setFighterOwner</u> (<u>Identity</u> owner) Search for fighters with a specific owner.
void	<u>setFighterType</u> (int type) Sets the type of fighters to search for.
void	<u>setLimpetMines</u> (boolean min, int amount) Sets the minimum or maximum number of limpet mines to search for.
void	<u>setLimpetOwner</u> (<u>Identity</u> owner) Search for limpet mines with a specific owner.
void	<u>setNavHaz</u> (boolean min, int navHaz) Sets the minimum or maximum navigational hazard to search for.
void	<u>setPlanets</u> () Search for sectors with planets.
void	<u>setPortName</u> (java.lang.String name) Sets the port name to search for.
void	<u>setPortType</u> (int type) Sets the port type to search for.

void	<code>setSectorNote</code> (java.lang.String note) Sets the sector note to search for.
void	<code>setShips</code> () Search for sectors with ships.
void	<code>setTraders</code> () Search for sectors with traders.
void	<code>setWarps</code> (boolean min, int warps) Sets the minimum or maximum number of warps to search for.
java.lang.String	<code>toString</code> ()

Methods inherited from class java.lang.Object

`getClass`, `hashCode`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

Constructor Detail

Tools.SectorSearchParameters

```
public Tools.SectorSearchParameters()
```

Method Detail

toString

```
public java.lang.String toString()
```

Overrides:

`toString` in class `java.lang.Object`

equals

```
public boolean equals(java.lang.Object obj)
```

Overrides:

equals in class java.lang.Object

clone

```
public java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

setFighterAmount

```
public void setFighterAmount(boolean min,  
    int amount)
```

Sets the minimum or maximum number of fighters to search for.

Parameters:

min - true for minimum or false for maximum.
amount - The number of fighters.

Since:

SWATH 1.6.2

setFighterOwner

```
public void setFighterOwner(Identity owner)
```

Search for fighters with a specific owner.

Parameters:

owner - The owner of the fighters.

Since:

SWATH 1.6.2

setFighterType

```
public void setFighterType(int type)
```

Sets the type of fighters to search for.

Parameters:

type - The type of fighters.

Since:

SWATH 1.6.2

See Also:

[Swath.TOLL_FTRS](#), [Swath.DEFENSIVE_FTRS](#), [Swath.OFFENSIVE_FTRS](#),
[Swath.MERCHENARY_FTRS](#)

setArmidMines

```
public void setArmidMines(boolean min,  
                           int amount)
```

Sets the minimum or maximum number of armid mines to search for.

Parameters:

min - true for minimum or false for maximum.

amount - The number of mines.

Since:

SWATH 1.6.2

setArmidOwner

```
public void setArmidOwner(Identity owner)
```

Search for armid mines with a specific owner.

Parameters:

owner - The owner of the armid mines.

Since:

SWATH 1.6.2

setLimpetMines

```
public void setLimpetMines(boolean min,  
                           int amount)
```

Sets the minimum or maximum number of limpet mines to search for.

Parameters:

min - true for minimum or false for maximum.

amount - The number of mines.

Since:

SWATH 1.6.2

setLimpetOwner

```
public void setLimpetOwner(Identity owner)
```

Search for limpet mines with a specific owner.

Parameters:

owner - The owner of the limpet mines.

Since:

SWATH 1.6.2

setDensity

```
public void setDensity(boolean min,  
                       int density)
```

Sets the minimum or maximum sector density to search for.

Parameters:

min - true for minimum or false for maximum.

density - The density.

Since:

SWATH 1.6.2

setNavHaz

```
public void setNavHaz(boolean min,  
                      int navHaz)
```

Sets the minimum or maximum navigational hazard to search for.

Parameters:

min - true for minimum or false for maximum.

navHaz - The navigational hazard percentage.

Since:

SWATH 1.6.2

setAnomaly

```
public void setAnomaly()
```

Search for sectors with anomalies.

Since:

SWATH 1.6.2

setTraders

```
public void setTraders()
```

Search for sectors with traders.

Since:

SWATH 1.6.2

setShips

```
public void setShips()
```

Search for sectors with ships.

Since:

SWATH 1.6.2

setPlanets

```
public void setPlanets()
```

Search for sectors with planets.

Since:

SWATH 1.6.2

setWarps

```
public void setWarps(boolean min,  
                     int warps)
```

Sets the minimum or maximum number of warps to search for.

Parameters:

min - true for minimum or false for maximum.

warps - The number of warps.

Since:

SWATH 1.6.2

setPortType

```
public void setPortType(int type)
```

Sets the port type to search for. The type can be one of the following:

NO_PORT	No port
0	Class 0
1	Class 1 (BBS)
2	Class 2 (BSB)
3	Class 3 (SBB)

4	Class 4 (SSB)
5	Class 5 (SBS)
6	Class 6 (BSS)
7	Class 7 (SSS)
8	Class 8 (BBB)
9	StarDock
PORT_UNDER_CONSTRUCTION	Port under construction
PORT_DESTROYED	Destroyed port
PORT_BLOCKED	Blocked port

Parameters:

type - The port type.

Since:

SWATH 1.6.2

See Also:

[Sector.NO_PORT](#), [Sector.PORT_UNDER_CONSTRUCTION](#),
[Sector.PORT_DESTROYED](#), [Sector.PORT_BLOCKED](#)

setPortName

```
public void setPortName(java.lang.String name)
```

Sets the port name to search for.

Parameters:

name - The port name or a part of the name.

Since:

SWATH 1.6.2

setBeaconText

```
public void setBeaconText(java.lang.String text)
```

Sets the beacon text to search for.

Parameters:

text - The beacon text or a part of the text.

Since:

SWATH 1.6.2

setSectorNote

```
public void setSectorNote(java.lang.String note)
```

Sets the sector note to search for.

Parameters:

note - The sector note or a part of the note.

Since:

SWATH 1.6.2

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FRAMES	NO FRAMES
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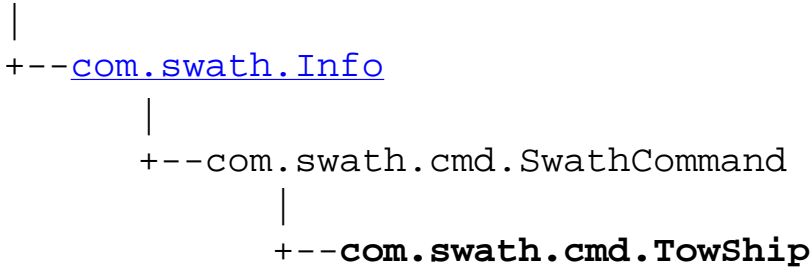
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com.swath.cmd

Class TowShip

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class TowShip
extends com.swath.cmd.SwathCommand
```

Tow a ship in the current sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[ShutOffTractorBeam](#)

Method Summary

static void	exec (int ship) Tow a ship in the current sector.
-------------	--

static void	<code>exec</code> (<code>Ship</code> ship) Tow a ship in the current sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int ship)
```

throws `java.lang.Exception`

Tow a ship in the current sector.

Parameters:

`ship` - The ship to tow.

Since:

SWATH 1.3

exec

```
public static void exec(Ship ship)
    throws java.lang.Exception
```

Tow a ship in the current sector.

Parameters:

`ship` - The ship to tow.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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[FRAMES](#) [NO FRAMES](#)

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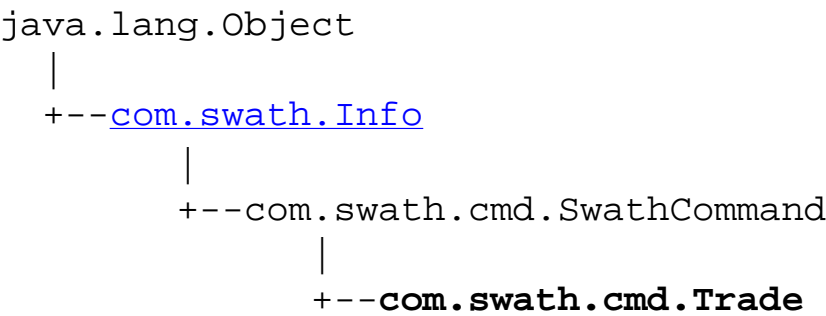
[FRAMES](#) [NO FRAMES](#)

SUMMARY: [INNER](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#)

DETAIL: [FIELD](#) | [CONSTR](#) | [METHOD](#)

com.swath.cmd

Class Trade



All Implemented Interfaces:

[CommandIfc](#)

public final class **Trade**
extends com.swath.cmd.SwathCommand

Trade at the port in the current sector.

Prompts: Command prompt

Since:
SWATH 1.3

Method Summary	
static void	exec (int fuel, int organics, int equipment) Trade at the port in the current sector.
java.lang.String	getClassName () Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(int fuel,  
                        int organics,  
                        int equipment)  
                throws java.lang.Exception
```

Trade at the port in the current sector. Positive amount of product means buying and negative

amount means selling.

Parameters:

fuel - The amount of Fuel Ore to buy/sell.

organics - The amount of Organics to buy/sell.

equipment - The amount of Equipment to buy/sell.

Since:

SWATH 1.3

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName


```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util.Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

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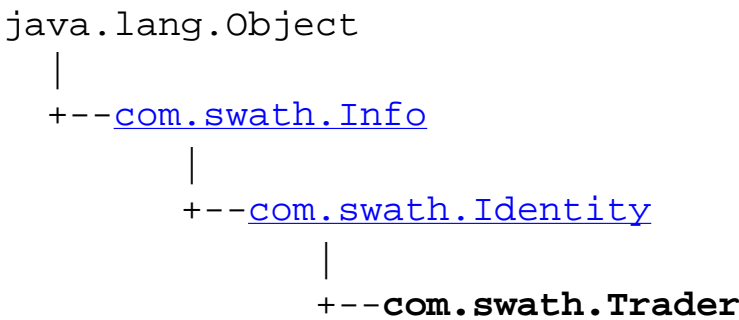
[FRAMES](#) [NO FRAMES](#)

SUMMARY: INNER | FIELD | CONSTR | [METHOD](#)

DETAIL: FIELD | CONSTR | [METHOD](#)

com.swath

Class Trader



All Implemented Interfaces:
java.lang.Cloneable

public final class **Trader**
extends [Identity](#)

This class represents a trader in TW.

Since:
SWATH 1.3

Method Summary	
int	alignment () Gets the trader's alignment.
java.lang.Object	clone ()

int	<u>corp</u> () Gets the trader's corporation.
int	<u>credits</u> () Gets the amount of credits that the trader has.
void	<u>display</u> () Displays this trader in the terminal window.
void	<u>dump</u> () Dumps the trader info in the terminal window.
boolean	<u>equals</u> (java.lang.Object obj) Compares this trader to another one.
int	<u>experience</u> () Gets the trader's experience points.
int	<u>id</u> () Gets the internal trader identification number in SWATH.
boolean	<u>isOnline</u> () Indicates if the trader is online or not.
boolean	<u>isRealPlayer</u> () Indicates if this is a real player or a computer controlled trader.
boolean	<u>isYou</u> () Indicates if this is you or not.
java.util.Date	<u>lastUpdate</u> () Gets the timestamp when the trader information was last updated.
java.lang.String	<u>name</u> () Gets the name of the trader.
int	<u>rank</u> () Gets the current rank of the trader.
int	<u>relation</u> () Gets the current relation between you and this trader.
int	<u>sector</u> () Gets the sector number where the trader is currently located.
<u>Ship</u>	<u>ship</u> () Gets the trader's current ship.

java.lang.String	<code>toString()</code>
int	<code>turns()</code> Gets the number of turns that the trader has left.

Methods inherited from class com.swath.[Identity](#)

[getCorporation](#), [getTrader](#), [isCorporation](#), [isTrader](#), [isUnknown](#), [isYourCorporation](#)

Methods inherited from class java.lang.Object

[getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [wait](#), [wait](#), [wait](#)

Method Detail

id

```
public int id()
```

Gets the internal trader identification number in SWATH.

Returns:

The trader id.

Since:

SWATH 1.3

See Also:

[Swath.ID_YOU](#), [Swath.ID_NOBODY](#), [Swath.ID_UNKNOWN](#),
[Swath.ID_FEDERAL](#), [Swath.ID_FERRENGI](#), [Swath.ID_ALIEN](#)

toString

```
public java.lang.String toString()
```

Overrides:

`toString` in class `java.lang.Object`

equals

```
public boolean equals(java.lang.Object obj)
```

Compares this trader to another one.

Overrides:

[equals](#) in class [Identity](#)

Parameters:

obj - The other trader.

Returns:

true if they are equal, otherwise false.

Since:

SWATH 1.5

See Also:

[isYou\(\)](#), [isRealPlayer\(\)](#)

clone

```
public java.lang.Object clone()  
    throws java.lang.CloneNotSupportedException
```

Overrides:

[clone](#) in class [Identity](#)

isYou

```
public boolean isYou()
```

Indicates if this is you or not.

Overrides:

[isYou](#) in class [Identity](#)

Returns:

true if this is you, otherwise false.

Since:

SWATH 1.5

See Also:[isRealPlayer\(\)](#), [equals\(Object\)](#)

isRealPlayer

```
public boolean isRealPlayer()
```

Indicates if this is a real player or a computer controlled trader.

Overrides:[isRealPlayer](#) in class [Identity](#)**Returns:**

true if this is a real player, otherwise false.

Since:

SWATH 1.6

See Also:[isYou\(\)](#), [equals\(Object\)](#)

name

```
public java.lang.String name()  
    throws java.lang.Exception
```

Gets the name of the trader.

Returns:

The trader name.

Since:

SWATH 1.3

sector

```
public int sector()  
    throws java.lang.Exception
```

Gets the sector number where the trader is currently located.

Returns:

The current location or 0 if unknown.

Since:

SWATH 1.6

lastUpdate

```
public java.util.Date lastUpdate()  
    throws java.lang.Exception
```

Gets the timestamp when the trader information was last updated.

Returns:

The last update or null if never updated.

Since:

SWATH 1.3

corp

```
public int corp()  
    throws java.lang.Exception
```

Gets the trader's corporation.

Returns:

The corporation id or 0 if the trader is not in a corp.

Since:

SWATH 1.3

experience

```
public int experience()  
    throws java.lang.Exception
```

Gets the trader's experience points.

Returns:

The trader's experience.

Since:

SWATH 1.3

alignment

```
public int alignment()  
    throws java.lang.Exception
```

Gets the trader's alignment.

Returns:

The trader's alignment.

Since:

SWATH 1.3

credits

```
public int credits()  
    throws java.lang.Exception
```

Gets the amount of credits that the trader has.

Returns:

Amount of credits.

Since:

SWATH 1.3

turns

```
public int turns()  
    throws java.lang.Exception
```

Gets the number of turns that the trader has left.

Returns:

Number of turns left.

Since:

SWATH 1.3

rank

```
public int rank()  
    throws java.lang.Exception
```

Gets the current rank of the trader.

Returns:

The current rank or -1 if unknown.

Since:

SWATH 1.3

relation

```
public int relation()  
    throws java.lang.Exception
```

Gets the current relation between you and this trader.

Returns:

The relation status.

Since:

SWATH 1.3

See Also:

[Swath.WITH_YOU](#), [Swath.ALLIED](#), [Swath.NEUTRAL](#), [Swath.ENEMY](#)

ship

```
public Ship ship()  
    throws java.lang.Exception
```

Gets the trader's current ship.

Returns:

The current ship or null if not known.

Since:

SWATH 1.6.2

See Also:[Ship](#)

isOnline

```
public boolean isOnline()  
    throws java.lang.Exception
```

Indicates if the trader is online or not.

Returns:

true if the trader is online, otherwise false.

Since:

SWATH 1.6.5

display

```
public void display()  
    throws java.lang.Exception
```

Displays this trader in the terminal window.

Since:

SWATH 1.4

See Also:[dump\(\)](#)

dump

```
public void dump()  
    throws java.lang.Exception
```

Dumps the trader info in the terminal window.

Since:

SWATH 1.3

See Also:

[display\(\)](#)

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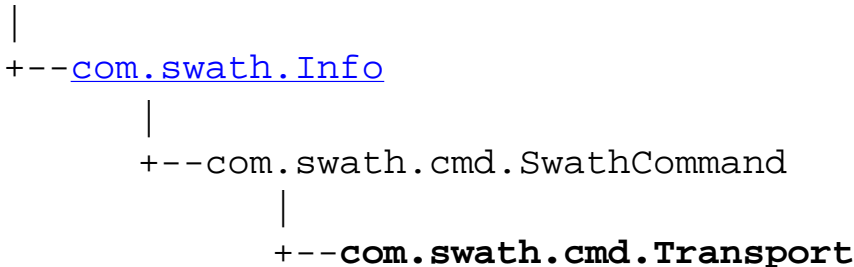
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com.swath.cmd

Class Transport

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **Transport**
extends com.swath.cmd.SwathCommand

Transport to another ship.
Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[Move](#), [TransWarp](#), [PlanetTransport](#), [PlanetWarp](#)

Method Summary

static void	exec (int ship) Transport to another ship.
-------------	---

static void	<code>exec</code> (<code>Ship</code> ship) Transport to another ship.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(int ship)
```

throws java.lang.Exception

Transport to another ship.

Parameters:

ship - The ship to transport to.

Since:

SWATH 1.3

exec

```
public static void exec(Ship ship)
    throws java.lang.Exception
```

Transport to another ship.

Parameters:

ship - The ship to transport to.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal


```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class TransWarp

```
java.lang.Object
|
+--com.swath.Info
    |
    +--com.swath.cmd.SwathCommand
        |
        +--com.swath.cmd.TransWarp
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **TransWarp**
extends com.swath.cmd.SwathCommand

TransWarp your ship to another sector.

Prompts: Command prompt

Since:

SWATH 1.3

See Also:

[Move](#), [Transport](#), [PlanetTransport](#), [PlanetWarp](#)

Method Summary

static void	exec (int sector) TransWarp your ship to another sector.
-------------	---

static void	<code>exec</code> (<code>Sector</code> sector) TransWarp your ship to another sector.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

initCommand

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static void exec(int sector)
```

throws java.lang.Exception

TransWarp your ship to another sector.

Parameters:

sector - The sector to TransWarp to.

Since:

SWATH 1.3

exec

```
public static void exec(Sector sector)
    throws java.lang.Exception
```

TransWarp your ship to another sector.

Parameters:

sector - The sector to TransWarp to.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassname

```
public final java.lang.String getClassname()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassname](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath.cmd

Class UpgradePlanet

java.lang.Object

|
+-- [com.swath.Info](#)
|
+-- com.swath.cmd.SwathCommand

|
+-- **com.swath.cmd.UpgradePlanet**

All Implemented Interfaces:

[CommandIfc](#)

public final class **UpgradePlanet**
extends com.swath.cmd.SwathCommand

Upgrades the current planet to the next level if possible.

Prompts: Planet and Citadel prompt

Since:

SWATH 1.6.2

Method Summary

static boolean [exec](#) ()

Upgrades the current planet to the next level if possible.

java.lang.String [getClassName](#) ()

Gets the command class name.

<code>java.lang.String</code>	<code>getName()</code> Gets the name of the command.
<code>java.util.Enumeration</code>	<code>getParams()</code> Gets the command parameters.
<code>boolean</code>	<code>initCommand()</code>
<code>boolean</code>	<code>isInternal()</code> Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined()</code> Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
           throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static boolean exec()
           throws java.lang.Exception
```

Upgrades the current planet to the next level if possible. If the upgrade attempt fails, the `upgradeStatus()` method will tell you if the planet is upgrading or not. If the planet is not upgrading, the number of products and colonists needed for upgrading the planet is available from

the `upgradeAmountsNeeded()` method.

Returns:

true if successful, otherwise false.

Since:

SWATH 1.6.2

See Also:

[Planet.upgradeStatus\(\)](#), [Planet.upgradeAmountsNeeded\(\)](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

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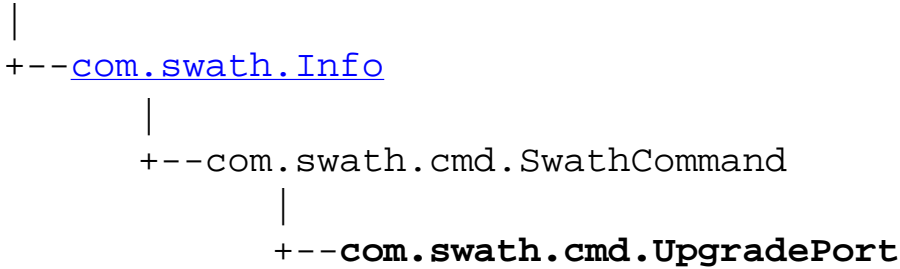
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com.swath.cmd

Class UpgradePort

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **UpgradePort**
extends com.swath.cmd.SwathCommand

Upgrades the port in the current sector.

Prompts: Command prompt

Since:

SWATH 1.6.4

Method Summary

static void	exec (int type, int units) Upgrades the port in the current sector.
-------------	--

java.lang.String	getClassName () Gets the command class name.
------------------	--

<code>java.lang.String</code>	<code>getName</code> () Gets the name of the command.
<code>java.util Enumeration</code>	<code>getParams</code> () Gets the command parameters.
<code>boolean</code>	<code>initCommand</code> ()
<code>boolean</code>	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()  
                throws java.lang.Exception
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

`exec`

```
public static void exec(int type,  
                        int units)  
                throws java.lang.Exception
```

Upgrades the port in the current sector.

Parameters:

`type` - The type of product to upgrade.

`units` - The number of units to invest.

Since:

SWATH 1.6.4

See Also:

[Swath.FUEL_ORE](#), [Swath.ORGANICS](#), [Swath.EQUIPMENT](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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com.swath

Class UserAbortException

```
java.lang.Object
|
+-- java.lang.Throwable
    |
    +-- java.lang.Exception
        |
        +-- com.swath.SwathException
            |
            +-- com.swath.UserAbortException
```

All Implemented Interfaces:

java.io.Serializable

```
public class UserAbortException
extends com.swath.SwathException
```

User abort exception.
Thrown if the user aborted the current script/command.

Since:

SWATH 1.6.2

See Also:

[Serialized Form](#)

Constructor Summary

[UserAbortException](#)()

[UserAbortException](#)(java.lang.String msg)

Methods inherited from class java.lang.Throwable

fillInStackTrace, getLocalizedMessage, getMessage, printStackTrace, printStackTrace, printStackTrace, toString

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Detail

UserAbortException

public UserAbortException()

UserAbortException

public UserAbortException(java.lang.String msg)

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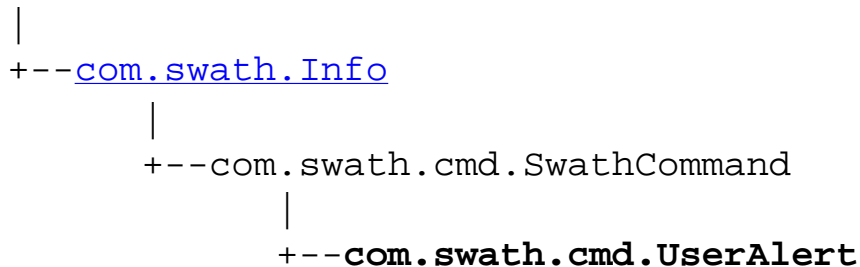
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com.swath.cmd

Class UserAlert

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **UserAlert**
extends com.swath.cmd.SwathCommand

Display a user alert in the terminal and SWATH console window.

Prompts: -

Since:

SWATH 1.6

Field Summary

static int	TYPE ERROR
------------	----------------------------

'Error' user alert.

static int	TYPE INFORMATION
------------	----------------------------------

'Information' user alert.

static int	TYPE_WARNING 'Warning' user alert.
------------	--

Method Summary

static void	exec (java.lang.String text, int type) Display a user alert in the terminal and SWATH console window.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util.Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

TYPE_INFORMATION

```
public static final int TYPE_INFORMATION  
  
    'Information' user alert.
```

TYPE_WARNING

```
public static final int TYPE_WARNING
```

'Warning' user alert.

TYPE_ERROR

```
public static final int TYPE_ERROR
```

'Error' user alert.

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(java.lang.String text,  
                        int type)  
    throws java.lang.Exception
```

Display a user alert in the terminal and SWATH console window.

Parameters:

text - The text to display in the alert.

type - The type of user alert to display.

Since:

SWATH 1.6

See Also:

[TYPE_INFORMATION](#), [TYPE_WARNING](#), [TYPE_ERROR](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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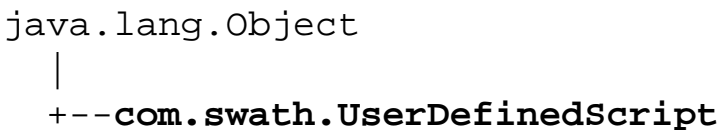
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com.swath

Class UserDefinedScript



Direct Known Subclasses:

[ExampleScript1](#), [ExampleScript2](#), [ExampleScript3](#), [ExampleScript4](#), [ExampleScript5](#), [ExampleScript6](#)

public abstract class **UserDefinedScript**
extends java.lang.Object

User Defined Script base class.

Since:
SWATH 1.3

Constructor Summary

[UserDefinedScript](#) ()
Constructor.

Method Summary

boolean	atPrompt (int validPrompts) Checks if you are at any of the valid prompts.
---------	---

void	<code>endScript</code> (boolean finished) Called by the framework when the script has finished. You should override this method to clean up after the script if needed.
void	<code>execInstance</code> () Executes a script instance. Should only be called from static <code>exec</code> () methods.
java.lang.String	<code>getClassName</code> () Gets the class name.
java.lang.String	<code>getDescription</code> () Called by the framework to get the description of the script. You should override this method to provide a script description. The script description can be an URL to a HTML page or file.
java.lang.String	<code>getName</code> () Called by the framework to get the name of the script. You should override this method.
java.util.Enumeration	<code>getParams</code> () Gets the script parameters.
java.net.URL	<code>getResource</code> (java.lang.String resource) Finds a resource with a given name.
void	<code>initInstance</code> () Initialises a script instance. Should only be called from static <code>exec</code> () methods.
boolean	<code>initScript</code> () Called by the framework to initialise the script. You should override this method to make your own initialisation.
void	<code>registerParam</code> (<code>Parameter</code> param) This method is used to register a script parameter.
boolean	<code>runScript</code> () Called by the framework to run the script. You should override this method to define the script body.
boolean	<code>showUserParamWindow</code> (javax.swing.JPanel panel, int width, int height) Displays a Swing window for UDS parameter input.

boolean	<code>showUserParamWindow</code> (java.awt.Panel panel, int width, int height) Displays an AWT window for UDS parameter input.
void	<code>sleep</code> (long ms) Wait and sleep for a while.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructor Detail

UserDefinedScript

```
public UserDefinedScript()
```

Constructor.

Method Detail

getClassName

```
public final java.lang.String getClassName()
```

Gets the class name.

Returns:

The script class name.

Since:

SWATH 1.3

registerParam

```
public final void registerParam(Parameter param)
```

This method is used to register a script parameter.

Parameters:

param - The parameter to register.

Since:

SWATH 1.3

getParams

```
public final java.util Enumeration getParams( )
```

Gets the script parameters.

Returns:

The script parameters.

Since:

SWATH 1.3

initInstance

```
public final void initInstance( )  
                                throws ScriptException,  
                                java.lang.Exception
```

Initialises a script instance.

Should only be called from static `exec ()` methods.

Throws:

[ScriptException](#) - If the script initialisation fails for some reason.

Since:

SWATH 1.6.2

See Also:

[execInstance \(\)](#)

execInstance

```
public final void execInstance( )
```

throws [ScriptException](#),
 java.lang.Exception

Executes a script instance.

Should only be called from static `exec ()` methods.

Throws:

[ScriptException](#) - If the script execution fails for some reason.

Since:

SWATH 1.6.2

See Also:

[initInstance\(\)](#)

atPrompt

```
public final boolean atPrompt(int validPrompts)
    throws java.lang.Exception
```

Checks if you are at any of the valid prompts.

Parameters:

`validPrompts` - The valid prompts. (Combine several prompts with logic OR: |)

Returns:

true if you are at a valid prompt, otherwise false.

Since:

SWATH 1.3

See Also:

[Swath.NO_PROMPT](#), [Swath.COMMAND_PROMPT](#), [Swath.COMPUTER_PROMPT](#),
[Swath.PLANET_PROMPT](#), [Swath.CITADEL_PROMPT](#), [Swath.CORP_PROMPT](#),
[Swath.STARDOCK_PROMPT](#), [Swath.ALL_PROMPTS](#)

sleep

```
public final void sleep(long ms)
```

Wait and sleep for a while.

Parameters:

`ms` - The time to sleep in milliseconds.

Since:

SWATH 1.5

getResource

```
public final java.net.URL getResource(java.lang.String resource)
```

Finds a resource with a given name. The search is done using the class path.

Parameters:

resource - The name of the wanted resource.

Returns:

The URL to the wanted resource or null if not found.

Since:

SWATH 1.5

showUserParamWindow

```
public final boolean showUserParamWindow(java.awt.Panel panel,  
                                           int width,  
                                           int height)  
    throws java.lang.Exception
```

Displays an AWT window for UDS parameter input.

Parameters:

panel - The user defined panel that holds all components that should be displayed in the client area of the window.

width - The width of the window.

height - The height of the window.

Returns:

true if the user choosed to start the script, otherwise false.

Since:

SWATH 1.4

See Also:

[Tools.createPanel\(\)](#), [showUserParamWindow\(JPanel,int,int\)](#)

showUserParamWindow

```
public final boolean showUserParamWindow(javax.swing.JPanel panel,
                                           int width,
                                           int height)
                                           throws java.lang.Exception
```

Displays a Swing window for UDS parameter input.

Parameters:

panel - The user defined panel that holds all components that should be displayed in the client area of the window.

panel - User defined panel that holds all components that should be displayed in the client area of the window.

width - The width of the window.

height - The height of the window.

Returns:

true if the user choosed to start the script, otherwise false.

Since:

SWATH 1.5

See Also:

[Tools.createJPanel\(\)](#), [showUserParamWindow\(Panel,int,int\)](#)

getName

```
public java.lang.String getName()
```

Called by the framework to get the name of the script.

You should override this method.

Returns:

The script name.

Since:

SWATH 1.3

getDescription

```
public java.lang.String getDescription()
```

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file. It can also be normal HTML text or plain text.

By default, a file named *ScriptClass.html* or *ScriptClass.txt* is used if found.

Examples:

- "http://www.swath.net/Help.html"
- "file:///C:/HelpDir/Help.html"
- "<html>This script will...</html>"
- "This script will..."

Returns:

The script description.

Since:

SWATH 1.5

initScript

```
public boolean initScript()
    throws java.lang.Exception
```

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

Returns:

true if the initialisation was successful, otherwise false.

Since:

SWATH 1.3

See Also:

[atPrompt\(int\), showUserParamWindow\(Panel,int,int\),](#)
[showUserParamWindow\(JPanel,int,int\)](#)

runScript

```
public boolean runScript()
    throws java.lang.Exception
```

Called by the framework to run the script.

You should override this method to define the script body.

Returns:

true if the script finished correctly, otherwise false.

Since:

SWATH 1.3

endScript

```
public void endScript(boolean finished)
    throws java.lang.Exception
```

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

Parameters:

finished - true if the script finished correctly or false if the script was interrupted in some way.

Since:

SWATH 1.3

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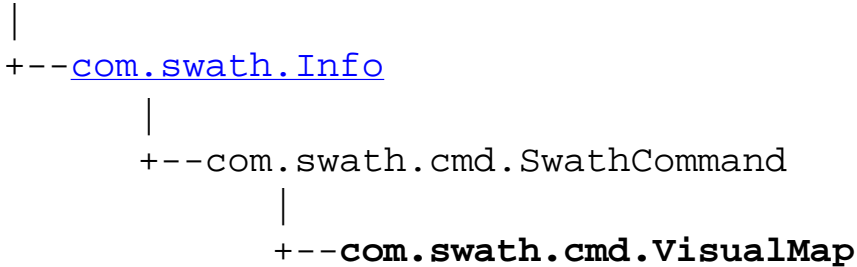
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com.swath.cmd

Class VisualMap

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

```
public final class VisualMap
extends com.swath.cmd.SwathCommand
```

Control the Visual Map. You can show/hide the Visual Map and choose which sector to display.
Prompts: -

Since:

SWATH 1.6.2

Method Summary

static void	exec (boolean show) Show or hide the Visual Map.
static void	exec (int sector, boolean show) Display a sector in the Visual Map.

static void	<code>exec</code> (<code>Sector</code> sector, boolean show) Display a sector in the Visual Map.
java.lang.String	<code>getClassName</code> () Gets the command class name.
java.lang.String	<code>getName</code> () Gets the name of the command.
java.util.Enumeration	<code>getParams</code> () Gets the command parameters.
boolean	<code>initCommand</code> ()
boolean	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
boolean	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [`CommandIfc`](#)

Indicates if this is an internal SWATH command or not.

Overrides:

`isInternal` in class `com.swath.cmd.SwathCommand`

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

initCommand

```
public boolean initCommand()
    throws java.lang.Exception
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static void exec(boolean show)
    throws java.lang.Exception
```

Show or hide the Visual Map.

Parameters:

show - true to show the Visual Map or false to hide it.

Since:

SWATH 1.6.2

exec

```
public static void exec(int sector,
    boolean show)
    throws java.lang.Exception
```

Display a sector in the Visual Map.

Parameters:

sector - The sector to display.

show - true to show the Visual Map or false to hide it.

Since:

SWATH 1.6.2

exec

```
public static void exec(Sector sector,
                        boolean show)
    throws java.lang.Exception
```

Display a sector in the Visual Map.

Parameters:

sector - The sector to display.

show - true to show the Visual Map or false to hide it.

Since:

SWATH 1.6.2

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: com.swath.CommandIfc

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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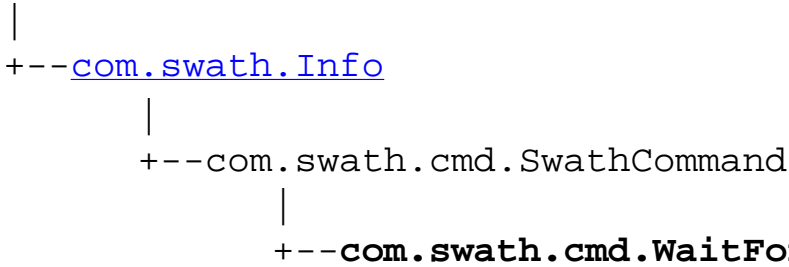
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com.swath.cmd

Class WaitForEvent

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **WaitForEvent**
 extends com.swath.cmd.SwathCommand

Wait for specific event(s).

Prompts: -

Since:

SWATH 1.7

See Also:

com.swath.event, com.swath.UserDefinedEvent, [WaitForPrompt](#),
[WaitForText](#)

Method Summary

boolean	<u>checkEvent</u> (<u>EventIfc</u> event) Check if an event matches given event class(es). Used by SWATH only!
java.lang.String	<u>getClassName</u> () Gets the command class name.
java.lang.String	<u>getName</u> () Gets the name of the command.
java.util.Enumeration	<u>getParams</u> () Gets the command parameters.
boolean	<u>initCommand</u> ()
boolean	<u>isInternal</u> () Indicates if this is an internal SWATH command or not.
boolean	<u>isUserDefined</u> () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Overrides:

isInternal in class com.swath.cmd.SwathCommand

Following copied from interface: com.swath.CommandIfc

Returns:

true if internal, otherwise false.

checkEvent

```
public boolean checkEvent(EventIfc event)
```

Check if an event matches given event class(es).

Used by SWATH only!

Parameters:

event - The event to check.

Returns:

true if the event match, otherwise false.

Since:

SWATH 1.7

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class `com.swath.cmd.SwathCommand`

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName


```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

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com.swath.cmd

Class WaitForPrompt

java.lang.Object

```

|
+-- com.swath.Info
    |
    +-- com.swath.cmd.SwathCommand
        |
        +-- com.swath.cmd.WaitForPrompt
  
```

All Implemented Interfaces:

[CommandIfc](#)

public final class **WaitForPrompt**
 extends com.swath.cmd.SwathCommand

Wait for specific TW prompt(s).

Prompts: -

Since:

SWATH 1.4

See Also:

[WaitForEvent](#), [WaitForText](#)

Method Summary

static int	exec (int prompts)
Wait for specific TW prompt(s) with no timeout.	

static int	exec (int prompts, int timeout) Wait for specific TW prompt(s) or timeout.
java.lang.String	getClassName () Gets the command class name.
java.lang.String	getName () Gets the name of the command.
java.util Enumeration	getParams () Gets the command parameters.
boolean	initCommand ()
boolean	isInternal () Indicates if this is an internal SWATH command or not.
boolean	isUserDefined () Indicates if this command is user defined or not.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Method Detail

initCommand

```
public boolean initCommand()
```

Overrides:

initCommand in class com.swath.cmd.SwathCommand

exec

```
public static int exec(int prompts)
    throws java.lang.Exception
```

Wait for specific TW prompt(s) with no timeout. The method will return immediately when a matching prompt is reached.

Parameters:

`prompts` - The prompt(s) to wait for. (Combine several prompts with logic OR: |)

Returns:

The prompt that was reached.

Since:

SWATH 1.4

See Also:

[Swath.COMMAND_PROMPT](#), [Swath.COMPUTER_PROMPT](#),
[Swath.PLANET_PROMPT](#), [Swath.CITADEL_PROMPT](#), [Swath.CORP_PROMPT](#),
[Swath.STARDOCK_PROMPT](#), [Swath.ALL_PROMPTS](#)

exec

```
public static int exec(int prompts,
                       int timeout)
    throws java.lang.Exception
```

Wait for specific TW prompt(s) or timeout. The method will return immediately when a matching prompt is reached.

NOTE: This function will be moved/removed in the future. It will be replaced by an event model.

Parameters:

`prompts` - The prompt(s) to wait for. (Combine several prompts with logic OR: |)
`timeout` - The timeout value in milliseconds.

Returns:

The prompt that was reached.

Throws:

[TimeoutException](#) - If there was a timeout.

Since:

SWATH 1.6

See Also:

[Swath.NO_PROMPT](#), [Swath.COMMAND_PROMPT](#), [Swath.COMPUTER_PROMPT](#),
[Swath.PLANET_PROMPT](#), [Swath.CITADEL_PROMPT](#), [Swath.CORP_PROMPT](#),
[Swath.STARDOCK_PROMPT](#), [Swath.ALL_PROMPTS](#)

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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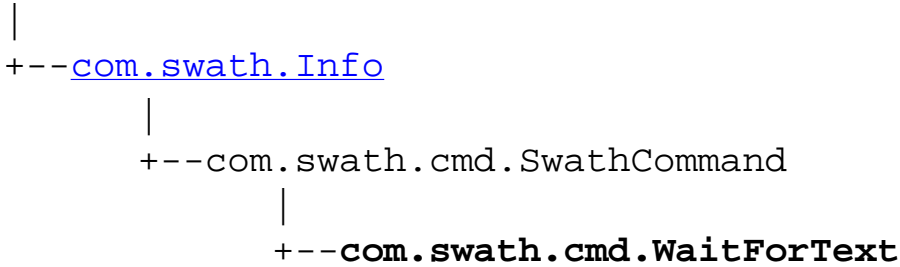
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com.swath.cmd

Class WaitForText

java.lang.Object



All Implemented Interfaces:

[CommandIfc](#)

public final class **WaitForText**
 extends com.swath.cmd.SwathCommand

Wait for specific text(s) from TW.

NOTE: This function may be moved/removed in the future.

Prompts: -

Since:

SWATH 1.3

See Also:

[WaitForEvent](#), [WaitForPrompt](#)

Method Summary

static java.lang.String	exec (java.lang.String text) Wait for a specific text from TW with no timeout.
-------------------------	--

<code>static java.lang.String</code>	<code>exec</code> (<code>java.lang.String[] texts</code>) Wait for one of several texts from TW with no timeout.
<code>static java.lang.String</code>	<code>exec</code> (<code>java.lang.String[] texts, int timeout</code>) Wait for one of several texts from TW or timeout.
<code>static java.lang.String</code>	<code>exec</code> (<code>java.lang.String text, int timeout</code>) Wait for a specific text from TW or timeout.
<code>java.lang.String</code>	<code>getClassName</code> () Gets the command class name.
<code>java.lang.String</code>	<code>getName</code> () Gets the name of the command.
<code>java.util Enumeration</code>	<code>getParams</code> () Gets the command parameters.
<code>boolean</code>	<code>initCommand</code> ()
<code>boolean</code>	<code>isInternal</code> () Indicates if this is an internal SWATH command or not.
<code>boolean</code>	<code>isUserDefined</code> () Indicates if this command is user defined or not.

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Method Detail

`initCommand`

```
public boolean initCommand()
```

Overrides:

`initCommand` in class `com.swath.cmd.SwathCommand`

exec

```
public static java.lang.String exec(java.lang.String text)
    throws java.lang.Exception
```

Wait for a specific text from TW with no timeout.

NOTE: This function may be moved/removed in the future.

Parameters:

text - The text to wait for.

Returns:

The complete line when the text is received.

Since:

SWATH 1.3

exec

```
public static java.lang.String exec(java.lang.String[] texts)
    throws java.lang.Exception
```

Wait for one of several texts from TW with no timeout. The method will return immediately when the first match is received.

NOTE: This function will be moved/removed in the future. It will be replaced by an event model.

Parameters:

texts - An array with texts to wait for.

Returns:

The complete line when a matching text is received.

Since:

SWATH 1.4

exec

```
public static java.lang.String exec(java.lang.String text,
    int timeout)
    throws java.lang.Exception
```

Wait for a specific text from TW or timeout.

NOTE: This function will be moved/removed in the future. It will be replaced by an event model.

Parameters:

text - The text to wait for.

timeout - The timeout value in milliseconds.

Returns:

The complete line when the text is received.

Throws:

[TimeoutException](#) - If there was a timeout.

Since:

SWATH 1.6

exec

```
public static java.lang.String exec(java.lang.String[] texts,
                                     int timeout)
    throws java.lang.Exception
```

Wait for one of several texts from TW or timeout. The method will return immediately when the first match is received.

NOTE: This function will be moved/removed in the future. It will be replaced by an event model.

Parameters:

texts - An array with texts to wait for.

timeout - The timeout value in milliseconds.

Returns:

The complete line when a matching text is received.

Throws:

[TimeoutException](#) - If there was a timeout.

Since:

SWATH 1.6

isUserDefined

```
public final boolean isUserDefined()
```

Description copied from interface: [CommandIfc](#)

Indicates if this command is user defined or not.

Specified by:

[isUserDefined](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if user defined, otherwise false.

getName

```
public final java.lang.String getName()
```

Description copied from interface: [CommandIfc](#)

Gets the name of the command.

Specified by:

[getName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command name.

getClassName

```
public final java.lang.String getClassName()
```

Description copied from interface: [CommandIfc](#)

Gets the command class name.

Specified by:

[getClassName](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The class name.

getParams

```
public final java.util Enumeration getParams()
```

Description copied from interface: [CommandIfc](#)

Gets the command parameters.

Specified by:

[getParams](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

The command parameters.

isInternal

```
public boolean isInternal()
```

Description copied from interface: [CommandIfc](#)

Indicates if this is an internal SWATH command or not.

Specified by:

[isInternal](#) in interface [CommandIfc](#)

Following copied from interface: `com.swath.CommandIfc`

Returns:

true if internal, otherwise false.

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Package com.swath

Interface Summary

<u>ActionIfc</u>	This is the Action interface.
<u>CommandIfc</u>	This is the Command interface.
<u>EventIfc</u>	This is the Event interface.

Class Summary

<u>Bubble</u>	This class represents a bubble in TW.
<u>Corporation</u>	This class represents a corporation in TW.
<u>Identity</u>	This class represents an identity and is either a trader or a corporation.
<u>Info</u>	This is an abstract base class for information access used by SWATH.
<u>MainInfo</u>	This class contains methods for accessing main game and SWATH information.
<u>Parameter</u>	This class represents a parameter.
<u>Planet</u>	This class represents a planet in TW.
<u>PlanetClass</u>	This class represents a planet class in TW.
<u>Sector</u>	This class represents a sector in TW.
<u>Ship</u>	This class represents a ship in TW.
<u>ShipCategory</u>	This class represents a ship category in TW.
<u>Swath</u>	This is the main SWATH class.
<u>Tools</u>	This class contains help functions that can be useful when writing scripts.

<u>Tools.PortSearchParameters</u>	This class contains parameters used when searching for ports and port pairs.
<u>Tools.SectorSearchParameters</u>	This class contains parameters used when searching for sectors.
<u>Trader</u>	This class represents a trader in TW.
<u>UserDefinedScript</u>	User Defined Script base class.

Exception Summary

<u>CommandException</u>	Command exception. Thrown when the current command execution fails for some reason.
<u>DisconnectedException</u>	Disconnected exception. Thrown if SWATH is disconnected from the TW game server.
<u>ScriptException</u>	Script exception. Thrown when the current script execution fails for some reason. You can throw this exception from your own script.
<u>TimeoutException</u>	Timeout exception. Thrown when there is a timeout.
<u>UserAbortException</u>	User abort exception. Thrown if the user aborted the current script/command.

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[PrintText](#)
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Package com.swath.cmd

Class Summary

<u>ActiveShipScan</u>	Perform an active ship scan.
<u>AttackPort</u>	Attack the port in the current sector.
<u>AttackShip</u>	Attack or capture an unmanned ship.
<u>AttackTrader</u>	Attack a trader.
<u>BlowUpPlanet</u>	Blow up the planet you are currently on.
<u>BuyItems</u>	Buy items from StarDock or a class 0 port.
<u>BuyShip</u>	Buy a new ship at the Shipyards on StarDock.
<u>ChangePersonalSettings</u>	Change your personal settings.
<u>ChangeShipSettings</u>	Change the ship settings.
<u>CIMDownload</u>	Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.
<u>ClaimPlanet</u>	Claim ownership of the planet you are currently on.
<u>ClearAvoidedSectors</u>	Clear avoided sectors.
<u>Connect</u>	Connect to the TW game server.
<u>Disconnect</u>	Disconnect from the TW game server.
<u>DisplayCurrentInfo</u>	Display your current trader and ship information.
<u>DisplaySector</u>	Display the current sector.
<u>DropTakeFighters</u>	Drop/Take fighters in the current sector.
<u>DropTakeMines</u>	Drop/Take mines in the current sector.
<u>EnterCitadel</u>	Enter the planet citadel.
<u>EnterComputer</u>	Enter the ship computer.

<u>EnterTW</u>	Enter a TradeWars game.
<u>FirePhotonMissile</u>	Fire a photon missile into a sector.
<u>GetAvoidedSectors</u>	Get the current list of avoided sectors.
<u>GetColonists</u>	Get colonists from Terra.
<u>JettisonCargo</u>	Jettison all the cargo.
<u>Land</u>	Land on a planet in the current sector.
<u>LandOnStarDock</u>	Land on the StarDock.
<u>LaunchEtherProbe</u>	Launch an ether probe.
<u>LaunchGenesisTorpedo</u>	Launch a genesis torpedo in the current sector.
<u>LaunchMineDisruptor</u>	Launch a mine disruptor into a sector.
<u>LeaveCitadel</u>	Leave the planet citadel.
<u>LeaveComputer</u>	Leave the ship computer.
<u>LeaveStarDock</u>	Leave the StarDock.
<u>LiftOff</u>	Lift off from the planet.
<u>MakeAnnouncement</u>	Make an announcement.
<u>MessageBox</u>	Display a message box to the user.
<u>Move</u>	Move to another sector.
<u>MoveColonists</u>	Move colonists from one product to another on the current planet.
<u>PlanetaryTrade</u>	Negotiate a planetary trade agreement at the port in the current sector.
<u>PlanetTransport</u>	Transport your ship to another sector using a planet transporter.
<u>PlanetWarp</u>	Warp the current planet to another sector.
<u>PlotCourse</u>	Plot the course between two sectors.
<u>PortReport</u>	Get the current port report for a port.
<u>PrintText</u>	Print text in the terminal window.
<u>PrintTrace</u>	Print trace text in the SWATH console window.
<u>QuitTW</u>	Quit a TradeWars game.
<u>ReEnterTW</u>	Exit and re-enter a TradeWars game.

<u>ReleaseBeacon</u>	Release a marker beacon in the current sector.
<u>Rob</u>	Rob the port in the current sector.
<u>ScanSector</u>	Perform a long range scan in the current sector.
<u>SellShip</u>	Sell a ship at the Shipyards on StarDock.
<u>SendFedCommMessage</u>	Send a message on the Federation comm-link.
<u>SendMacro</u>	Send a macro to the TW server.
<u>SendPrivateMessage</u>	Send a private message to a trader.
<u>SendSSRadioMessage</u>	Send a message on the current sub-space radio band.
<u>SendString</u>	Send a string to the TW server.
<u>SetAvoidedSectors</u>	Set new sectors to avoid.
<u>SetTextMode</u>	Set the current text mode.
<u>ShowDeployedFighters</u>	Show deployed fighters.
<u>ShowPersonalPlanets</u>	Show personal planets.
<u>ShowWhoIsPlaying</u>	Show who is currently playing.
<u>ShutOffTractorBeam</u>	Shut off the tractor beam.
<u>Steal</u>	Steal products from the port in the current sector.
<u>TakeLeaveColonists</u>	Take or leave colonists on the current planet.
<u>TakeLeaveCredits</u>	Take or leave credits from/to the citadel treasury.
<u>TakeLeaveFighters</u>	Take or leave fighters on the current planet.
<u>TakeLeaveProducts</u>	Take and/or leave products on the current planet.
<u>TakeLeaveShields</u>	Take or leave shields from/to the planetary shield generator.
<u>TowShip</u>	Tow a ship in the current sector.
<u>Trade</u>	Trade at the port in the current sector.
<u>Transport</u>	Transport to another ship.
<u>TransWarp</u>	TransWarp your ship to another sector.
<u>UpgradePlanet</u>	Upgrades the current planet to the next level if possible.
<u>UpgradePort</u>	Upgrades the port in the current sector.

<u>UserAlert</u>	Display a user alert in the terminal and SWATH console window.
<u>WaitForEvent</u>	Wait for specific event(s).
<u>WaitForPrompt</u>	Wait for specific TW prompt(s).
<u>WaitForText</u>	Wait for specific text(s) from TW.
<u>VisualMap</u>	Control the Visual Map.

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Package Hierarchies:

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Class Hierarchy

- class java.lang.Object
 - class com.swath.[Info](#)
 - class com.swath.[Bubble](#)
 - class com.swath.[Identity](#) (implements java.lang.Cloneable)
 - class com.swath.[Corporation](#)
 - class com.swath.[Trader](#)
 - class com.swath.[MainInfo](#)
 - class com.swath.[Planet](#)
 - class com.swath.[PlanetClass](#)
 - class com.swath.[Sector](#)
 - class com.swath.[Ship](#)
 - class com.swath.[ShipCategory](#)
 - class com.swath.[Parameter](#)
 - class com.swath.[Swath](#)
 - class java.lang.Throwable (implements java.io.Serializable)
 - class java.lang.Exception
 - class com.swath.SwathException
 - class com.swath.[CommandException](#)
 - class com.swath.[DisconnectedException](#)
 - class com.swath.[ScriptException](#)
 - class com.swath.[TimeoutException](#)
 - class com.swath.[UserAbortException](#)
 - class com.swath.[Tools](#)
 - class com.swath.[Tools.PortSearchParameters](#) (implements java.lang.Cloneable)
 - class com.swath.[Tools.SectorSearchParameters](#) (implements java.lang.Cloneable)

- class com.swath.[UserDefinedScript](#)

Interface Hierarchy

- interface com.swath.[ActionIfc](#)
- interface com.swath.[CommandIfc](#)
- interface com.swath.[EventIfc](#)

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Deprecated API

Deprecated Methods

[com.swath.Sector.anomaly\(\)](#)

Incorrect spelling. Use the `anomaly()` method instead.

[com.swath.Sector.bubbleGate\(\)](#)

Use the `bubbles()` method instead.

[com.swath.Sector.bubbleSize\(\)](#)

Use the `bubbles()` method instead.

[com.swath.cmd.ReEnterTW.exec\(String\)](#)

Set the password in preferences instead and use `exec()`.

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A

[ActionIfc](#) - interface com.swath.[ActionIfc](#).

This is the Action interface.

[ActiveShipScan](#) - class com.swath.cmd.[ActiveShipScan](#).

Perform an active ship scan.

[addChoice\(int, String\)](#) - Method in class com.swath.[Parameter](#)

Adds a choice value.

[alignment\(\)](#) - Method in class com.swath.[Trader](#)

Gets the trader's alignment.

[ALL_PROMPTS](#) - Static variable in class com.swath.[Swath](#)

All prompts.

[ALLIED](#) - Static variable in class com.swath.[Swath](#)

The trader/corp is allied with you.

[anomaly\(\)](#) - Method in class com.swath.[Sector](#)

Deprecated. *Incorrect spelling. Use the `anomaly()` method instead.*

[anomaly\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if there is an anomaly in the sector or not.

[ARMID](#) - Static variable in class com.swath.cmd.[DropTakeMines](#)

Armid mines.

[ARMID_MINES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Space Mines' item type.

[armidMines\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of armid mines on the ship.

[armidMines\(\)](#) - Method in class com.swath.[Sector](#)

Gets the number of armid mines in the sector.

[armidOwner\(\)](#) - Method in class com.swath.[Sector](#)

Gets the owner of the armid mines in this sector.

[ATOMIC_DETONATORS](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Atomic Detonators' item type.

[atomicDevices\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of atomic detonators on the ship.

[atPrompt\(int\)](#) - Method in class com.swath.[UserDefinedScript](#)

Checks if you are at any of the valid prompts.

[ATTACKED](#) - Static variable in class com.swath.cmd.[AttackPort](#)

The port was attacked but still remains.

[ATTACKED](#) - Static variable in class com.swath.cmd.[AttackShip](#)

The ship was attacked but still got fighters/shields left.

[ATTACKED](#) - Static variable in class com.swath.cmd.[AttackTrader](#)

The trader was attacked but still got fighters/shields left.

[AttackPort](#) - class com.swath.cmd.[AttackPort](#).

Attack the port in the current sector.

[AttackShip](#) - class com.swath.cmd.[AttackShip](#).

Attack or capture an unmanned ship.

[AttackTrader](#) - class com.swath.cmd.[AttackTrader](#).

Attack a trader.

B

[backdoorSectors\(\)](#) - Method in class com.swath.[Sector](#)

Gets the backdoor sectors for this sector (if any).

[basicHoldCost\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the basic hold cost for the ship category.

[beaconMessage\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if there is a beacon in the sector or not.

[beacons\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of marker beacons on the ship.

[BlowUpPlanet](#) - class com.swath.cmd.[BlowUpPlanet](#).

Blow up the planet you are currently on.

[BOOLEAN](#) - Static variable in class com.swath.[Parameter](#)

The boolean value type.

[BOTH_WAY](#) - Static variable in class com.swath.[Sector](#)

Indicates a warp that can be used both ways.

[brand\(\)](#) - Method in class com.swath.[Ship](#)

Gets the brand of the ship.

[Bubble](#) - class com.swath.[Bubble](#).

This class represents a bubble in TW.

[bubbleGate\(\)](#) - Method in class com.swath.[Sector](#)

Deprecated. *Use the `bubbles()` method instead.*

[bubbles\(\)](#) - Method in class com.swath.[Sector](#)

Gets all the bubbles that the sector is part of.

[bubbleSize\(\)](#) - Method in class com.swath.[Sector](#)

Deprecated. *Use the `bubbles()` method instead.*

busted() - Method in class com.swath.[Sector](#)

Indicates if you are busted at the port in this sector or not.

BUYING - Static variable in class com.swath.[Sector](#)

The port is buying this product.

BuyItems - class com.swath.cmd.[BuyItems](#).

Buy items from StarDock or a class 0 port.

BuyShip - class com.swath.cmd.[BuyShip](#).

Buy a new ship at the Shipyards on StarDock.

C

CAPTURED - Static variable in class com.swath.cmd.[AttackShip](#)

The ship was captured and is now yours.

CARGO_HOLDS - Static variable in class com.swath.[Swath](#)

The index and identifier used for Cargo holds.

CARGO_HOLDS - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Cargo Holds' item type.

ceo() - Method in class com.swath.[Corporation](#)

Gets the current ceo of the corporation.

ChangePersonalSettings - class com.swath.cmd.[ChangePersonalSettings](#).

Change your personal settings.

ChangeShipSettings - class com.swath.cmd.[ChangeShipSettings](#).

Change the ship settings.

checkEvent(EventIfc) - Method in class com.swath.cmd.[WaitForEvent](#)

Check if an event matches given event class(es).

Used by SWATH only!

CHOICE - Static variable in class com.swath.[Parameter](#)

The choice value type.

CIMDownload - class com.swath.cmd.[CIMDownload](#).

Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.

CITADEL_PROMPT - Static variable in class com.swath.[Swath](#)

The planet citadel prompt.

ClaimPlanet - class com.swath.cmd.[ClaimPlanet](#).

Claim ownership of the planet you are currently on.

class0ports() - Method in class com.swath.[MainInfo](#)

Gets the locations of the class 0 ports.

[ClearAvoidedSectors](#) - class com.swath.cmd.[ClearAvoidedSectors](#).

Clear avoided sectors.

[CLOAKING_DEVICES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Cloaking Devices' item type.

[cloakingDevices\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of cloaking devices on the ship.

[clone\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

[clone\(\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

[clone\(\)](#) - Method in class com.swath.[Identity](#)

[clone\(\)](#) - Method in class com.swath.[Trader](#)

[clone\(\)](#) - Method in class com.swath.[Corporation](#)

[COLONISTS](#) - Static variable in class com.swath.[Swath](#)

The index and identifier used for Colonists.

[colonists\(\)](#) - Method in class com.swath.[Ship](#)

Gets total number of holds with colonists.

[colonists\(\)](#) - Method in class com.swath.[Planet](#)

Gets the number of colonists at each product type on the planet (Fuel Ore, Organics and Equipment).

[COLOR_BLACK](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color black.

[COLOR_BLUE](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color blue.

[COLOR_CYAN](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color cyan.

[COLOR_GREEN](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color green.

[COLOR_MAGENTA](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color magenta.

[COLOR_RED](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color red.

[COLOR_WHITE](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color white.

[COLOR_YELLOW](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Color yellow.

[colos2build1\(\)](#) - Method in class com.swath.[PlanetClass](#)

Gets the number of colonists needed to build one unit of each product type (Fuel Ore,

Organics, Equipment and Fighters).

[com.swath](#) - package com.swath

[com.swath.cmd](#) - package com.swath.cmd

[COMMAND_PROMPT](#) - Static variable in class com.swath.[Swath](#)

The command prompt.

[CommandException](#) - exception com.swath.[CommandException](#).

Command exception.

Thrown when the current command execution fails for some reason.

[CommandException\(CommandIfc, String\)](#) - Constructor for class com.swath.[CommandException](#)

Constructor.

[CommandIfc](#) - interface com.swath.[CommandIfc](#).

This is the Command interface.

[COMPUTER_PROMPT](#) - Static variable in class com.swath.[Swath](#)

The computer command prompt.

[computerCost\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the computer cost for the ship category.

[Connect](#) - class com.swath.cmd.[Connect](#).

Connect to the TW game server.

[CORBOMITE_DEVICES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Corbomite Devices' item type.

[corbomite\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of corbomite transducers on the ship.

[CORP_PROMPT](#) - Static variable in class com.swath.[Swath](#)

The corporate command prompt.

[corp\(\)](#) - Method in class com.swath.[Trader](#)

Gets the trader's corporation.

[CORPORATE](#) - Static variable in class com.swath.[Swath](#)

The corporate owner type.

[Corporation](#) - class com.swath.[Corporation](#).

This class represents a corporation in TW.

[createFrame\(String, int, int\)](#) - Static method in class com.swath.[Tools](#)

Creates an AWT window frame.

[createJFrame\(String, int, int\)](#) - Static method in class com.swath.[Tools](#)

Creates a Swing window frame.

[createJPanel\(\)](#) - Static method in class com.swath.[Tools](#)

Creates a Swing panel.

[createPanel\(\)](#) - Static method in class com.swath.[Tools](#)

Creates an AWT panel.

[creator\(\)](#) - Method in class com.swath.[Planet](#)

Gets the creator of the planet.

[credits\(\)](#) - Method in class com.swath.[Trader](#)

Gets the amount of credits that the trader has.

[currPlanet\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current planet number.

[currSector\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current sector number.

D

[dateBuilt\(\)](#) - Method in class com.swath.[Ship](#)

Gets the date when the ship was built.

[DEFENSIVE_FTRS](#) - Static variable in class com.swath.[Swath](#)

The defensive fighter type.

[defensiveOdds\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the defensive odds for the ship category.

[DENSITY_SCAN](#) - Static variable in class com.swath.cmd.[ScanSector](#)

Density scan.

[DENSITY_SCANNER](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Density Scanner' item type.

[density\(\)](#) - Method in class com.swath.[Sector](#)

Gets the density for the sector.

[depth\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the depth of this bubble in number of sectors from the gate sector to the deepest sector in the bubble.

[DESTROYED](#) - Static variable in class com.swath.cmd.[AttackPort](#)

The port was destroyed.

[DESTROYED](#) - Static variable in class com.swath.cmd.[AttackShip](#)

The ship was destroyed.

[Disconnect](#) - class com.swath.cmd.[Disconnect](#).

Disconnect from the TW game server.

[DisconnectedException](#) - exception com.swath.[DisconnectedException](#).

Disconnected exception.

Thrown if SWATH is disconnected from the TW game server.

[DisconnectedException\(\)](#) - Constructor for class com.swath.[DisconnectedException](#)

[DisconnectedException\(String\)](#) - Constructor for class com.swath.[DisconnectedException](#)

[display\(\)](#) - Method in class com.swath.[Ship](#)

Displays this ship in the terminal window.

[display\(\)](#) - Method in class com.swath.[Sector](#)

Displays this sector in the terminal window.

[display\(\)](#) - Method in class com.swath.[Trader](#)

Displays this trader in the terminal window.

[display\(\)](#) - Method in class com.swath.[Planet](#)

Displays this planet in the terminal window.

[DisplayCurrentInfo](#) - class com.swath.cmd.[DisplayCurrentInfo](#).

Display your current trader and ship information.

[DisplaySector](#) - class com.swath.cmd.[DisplaySector](#).

Display the current sector.

[distanceFromSector1\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the distance from sector 1 to the bubble.

[distanceFromStarDock\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the distance from the StarDock to the bubble.

[distanceToSector1\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the distance from the bubble to sector 1.

[distanceToStarDock\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the distance from the bubble to the StarDock.

[DOUBLE](#) - Static variable in class com.swath.[Parameter](#)

The double value type.

[DropTakeFighters](#) - class com.swath.cmd.[DropTakeFighters](#).

Drop/Take fighters in the current sector.

[DropTakeMines](#) - class com.swath.cmd.[DropTakeMines](#).

Drop/Take mines in the current sector.

[dump\(\)](#) - Method in class com.swath.[Ship](#)

Dumps the ship info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[ShipCategory](#)

Dumps the ship category info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[Sector](#)

Dumps the sector info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[MainInfo](#)

Dumps all the main info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[Trader](#)

Dumps the trader info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[Planet](#)

Dumps the planet info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[PlanetClass](#)

Dumps the planet class info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[Corporation](#)

Dumps the corporation info in the terminal window.

[dump\(\)](#) - Method in class com.swath.[Bubble](#)

Dumps the bubble info in the terminal window.

E

[emptyHolds\(\)](#) - Method in class com.swath.[Ship](#)

Gets total number of empty holds on the ship.

[endScript\(boolean\)](#) - Method in class [ExampleScript1](#)

[endScript\(boolean\)](#) - Method in class [ExampleScript2](#)

[endScript\(boolean\)](#) - Method in class [ExampleScript3](#)

[endScript\(boolean\)](#) - Method in class [ExampleScript4](#)

[endScript\(boolean\)](#) - Method in class [ExampleScript5](#)

[endScript\(boolean\)](#) - Method in class [ExampleScript6](#)

[endScript\(boolean\)](#) - Method in class com.swath.[UserDefinedScript](#)

Called by the framework when the script has finished.

You should override this method to clean up after the script if needed.

[ENEMY](#) - Static variable in class com.swath.[Swath](#)

The trader/corp is an enemy of yours.

[EnterCitadel](#) - class com.swath.cmd.[EnterCitadel](#).

Enter the planet citadel.

[EnterComputer](#) - class com.swath.cmd.[EnterComputer](#).

Enter the ship computer.

[EnterTW](#) - class com.swath.cmd.[EnterTW](#).

Enter a TradeWars game.

[equals\(Object\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

[equals\(Object\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

[equals\(Object\)](#) - Method in class com.swath.[Identity](#)

Compares this identity to another one.

[equals\(Object\)](#) - Method in class com.swath.[Trader](#)

Compares this trader to another one.

[equals\(Object\)](#) - Method in class com.swath.[Corporation](#)

Compares this corporation to another one.

[EQUIPMENT](#) - Static variable in class com.swath.[Swath](#)

The index and identifier used for Equipment.

[equipment\(\)](#) - Method in class com.swath.[Ship](#)

Gets total number of holds with equipment.

[ETHER_PROBES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'SubSpace Ether Probes' item type.

[etherProbes\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of subspace ether probes on the ship.

[EventIfc](#) - interface com.swath.[EventIfc](#).

This is the Event interface.

[ExampleScript1](#) - class [ExampleScript1](#).

This is my first SWATH script.

[ExampleScript1\(\)](#) - Constructor for class [ExampleScript1](#)

[ExampleScript2](#) - class [ExampleScript2](#).

This script trades a product between two ports.

[ExampleScript2\(\)](#) - Constructor for class [ExampleScript2](#)

[ExampleScript3](#) - class [ExampleScript3](#).

This script demonstrate how to retrieve data from SWATH.

[ExampleScript3\(\)](#) - Constructor for class [ExampleScript3](#)

[ExampleScript4](#) - class [ExampleScript4](#).

"The Sector Guard"

Shows how to wait for text and how to send your own commando sequences to the TW server.

[ExampleScript4\(\)](#) - Constructor for class [ExampleScript4](#)

[ExampleScript5](#) - class [ExampleScript5](#).

This script shows how to create and display your own custom parameter window.

[ExampleScript5\(\)](#) - Constructor for class [ExampleScript5](#)

[ExampleScript6](#) - class [ExampleScript6](#).

This script demonstrates how to play sound files.

[ExampleScript6\(\)](#) - Constructor for class [ExampleScript6](#)

[exec\(\)](#) - Static method in class com.swath.cmd.[BlowUpPlanet](#)

Blow up the planet you are currently on.

- [exec\(\)](#) - Static method in class com.swath.cmd.[DisplaySector](#)
Display the current sector.
- [exec\(\)](#) - Static method in class com.swath.cmd.[EnterComputer](#)
Enter the ship computer.
- [exec\(\)](#) - Static method in class com.swath.cmd.[DisplayCurrentInfo](#)
Display your current trader and ship information.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ActiveShipScan](#)
Perform an active ship scan.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ShowDeployedFighters](#)
Show deployed fighters.
- [exec\(\)](#) - Static method in class com.swath.cmd.[Disconnect](#)
Disconnect from the TW game server.
- [exec\(\)](#) - Static method in class com.swath.cmd.[EnterCitadel](#)
Enter the planet citadel.
- [exec\(\)](#) - Static method in class com.swath.cmd.[Connect](#)
Connect to the TW game server.
- [exec\(\)](#) - Static method in class com.swath.cmd.[GetColonists](#)
Get colonists from Terra and take as many as possible.
- [exec\(\)](#) - Static method in class com.swath.cmd.[DropTakeFighters](#)
Only pick up fighters in the current sector.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ShutOffTractorBeam](#)
Shut off the tractor beam.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ShowWhoIsPlaying](#)
Show who is currently playing.
- [exec\(\)](#) - Static method in class com.swath.cmd.[LeaveCitadel](#)
Leave the planet citadel.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ShowPersonalPlanets](#)
Show personal planets.
- [exec\(\)](#) - Static method in class com.swath.cmd.[EnterTW](#)
Enter a TradeWars game.
- [exec\(\)](#) - Static method in class com.swath.cmd.[Rob](#)
Rob the port in the current sector and take as much credits as possible.
- [exec\(\)](#) - Static method in class com.swath.cmd.[ClearAvoidedSectors](#)
Clear all of the avoided sectors.
- [exec\(\)](#) - Static method in class com.swath.cmd.[LiftOff](#)
Lift off from the planet.
- [exec\(\)](#) - Static method in class com.swath.cmd.[LeaveComputer](#)
Leave the ship computer.
- [exec\(\)](#) - Static method in class com.swath.cmd.[QuitTW](#)
Quit a TradeWars game.
- [exec\(\)](#) - Static method in class com.swath.cmd.[JettisonCargo](#)

Jettison all the cargo.

[exec\(\)](#) - Static method in class `com.swath.cmd`.[LeaveStarDock](#)

Leave the StarDock.

[exec\(\)](#) - Static method in class `com.swath.cmd`.[UpgradePlanet](#)

Upgrades the current planet to the next level if possible.

[exec\(\)](#) - Static method in class `com.swath.cmd`.[ReEnterTW](#)

Exit and re-enter a TradeWars game.

[exec\(\)](#) - Static method in class `com.swath.cmd`.[LandOnStarDock](#)

Land on the StarDock.

[exec\(\)](#) - Static method in class `com.swath.cmd`.[GetAvoidedSectors](#)

Get the current list of avoided sectors.

[exec\(boolean\)](#) - Static method in class `com.swath.cmd`.[VisualMap](#)

Show or hide the Visual Map.

[exec\(boolean\)](#) - Static method in class `com.swath.cmd`.[DisplayCurrentInfo](#)

Display your current trader and ship information.

[exec\(boolean\)](#) - Static method in class `com.swath.cmd`.[QuitTW](#)

Quit a TradeWars game.

[exec\(boolean, boolean\)](#) - Static method in class `com.swath.cmd`.[CIMDownload](#)

Use the Computer Interrogation Mode (CIM) to download the latest sector warps and/or port reports.

[exec\(Exception\)](#) - Static method in class `com.swath.cmd`.[PrintTrace](#)

Print an exception and the complete stack trace in the SWATH console window.

[exec\(Exception\)](#) - Static method in class `com.swath.cmd`.[PrintText](#)

Print an exception and the complete stack trace in the terminal window.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[Land](#)

Land on a planet in the current sector.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[TakeLeaveShields](#)

Take or leave shields from/to the planetary shield generator.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[TransWarp](#)

TransWarp your ship to another sector.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[PlanetTransport](#)

Transport your ship to another sector using a planet transporter.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[LaunchEtherProbe](#)

Launch an ether probe.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[TowShip](#)

Tow a ship in the current sector.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[LaunchMineDisruptor](#)

Launch a mine disruptor into a sector.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[TakeLeaveCredits](#)

Take or leave credits from/to the citadel treasury.

[exec\(int\)](#) - Static method in class `com.swath.cmd`.[AttackPort](#)

Attack the port in the current sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[PlanetWarp](#)

Warp the current planet to another sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[SetAvoidedSectors](#)

Set a new sector to avoid.

[exec\(int\)](#) - Static method in class com.swath.cmd.[GetColonists](#)

Get colonists from Terra.

[exec\(int\)](#) - Static method in class com.swath.cmd.[ClaimPlanet](#)

Claim ownership of the planet you are currently on.

[exec\(int\)](#) - Static method in class com.swath.cmd.[DropTakeMines](#)

Only pick up mines in the current sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[TakeLeaveFighters](#)

Take or leave fighters on the current planet.

[exec\(int\)](#) - Static method in class com.swath.cmd.[FirePhotonMissile](#)

Fire a photon missile into a sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[Move](#)

Move to another sector without scanning.

[exec\(int\)](#) - Static method in class com.swath.cmd.[Rob](#)

Rob the port in the current sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[ClearAvoidedSectors](#)

Clear an avoided sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[Steal](#)

Steal products from the port in the current sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[PortReport](#)

Get the current port report for a port.

[exec\(int\)](#) - Static method in class com.swath.cmd.[ScanSector](#)

Perform a long range scan in the current sector.

[exec\(int\)](#) - Static method in class com.swath.cmd.[WaitForPrompt](#)

Wait for specific TW prompt(s) with no timeout.

[exec\(int\)](#) - Static method in class com.swath.cmd.[Transport](#)

Transport to another ship.

[exec\(int\[\]\)](#) - Static method in class com.swath.cmd.[SetAvoidedSectors](#)

Set new sectors to avoid.

[exec\(int\[\]\)](#) - Static method in class com.swath.cmd.[ClearAvoidedSectors](#)

Clear avoided sectors.

[exec\(int, boolean\)](#) - Static method in class com.swath.cmd.[VisualMap](#)

Display a sector in the Visual Map.

[exec\(int, boolean, boolean\)](#) - Static method in class com.swath.cmd.[Move](#)

Move to another sector and scan along the way.

[exec\(int, int\)](#) - Static method in class com.swath.cmd.[TakeLeaveColonists](#)

Take or leave colonists on the current planet.

[exec\(int, int\)](#) - Static method in class **com.swath.cmd.[Steal](#)**

Steal products from the port in the current sector.

[exec\(int, int\)](#) - Static method in class **com.swath.cmd.[PlotCourse](#)**

Plot the course between two sectors.

[exec\(int, int\)](#) - Static method in class **com.swath.cmd.[BuyItems](#)**

Buy items from StarDock or a class 0 port.

[exec\(int, int\)](#) - Static method in class **com.swath.cmd.[UpgradePort](#)**

Upgrades the port in the current sector.

[exec\(int, int\)](#) - Static method in class **com.swath.cmd.[WaitForPrompt](#)**

Wait for specific TW prompt(s) or timeout.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[TakeLeaveProducts](#)**

Take and/or leave products on the current planet.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[SetTextMode](#)**

Set the current text mode.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[DropTakeFighters](#)**

Drop/Take fighters in the current sector.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[DropTakeMines](#)**

Drop/Take mines in the current sector.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[MoveColonists](#)**

Move colonists from one product to another on the current planet.

[exec\(int, int, int\)](#) - Static method in class **com.swath.cmd.[Trade](#)**

Trade at the port in the current sector.

[exec\(int, int, int, int, int, int, int\)](#) - Static method in class **com.swath.cmd.[ChangePersonalSettings](#)**

Change your personal settings.

[exec\(int, Planet\)](#) - Static method in class **[ExampleScript1](#)**

Moves your ship to a sector and lands on a planet there.

[exec\(Planet\)](#) - Static method in class **com.swath.cmd.[Land](#)**

Land on a planet in the current sector.

[exec\(Planet\)](#) - Static method in class **com.swath.cmd.[PlanetaryTrade](#)**

Negotiate a planetary trade agreement at the port in the current sector.

[exec\(Planet, int, int, int\)](#) - Static method in class **com.swath.cmd.[PlanetaryTrade](#)**

Negotiate a planetary trade agreement at the port in the current sector.

[exec\(Sector\)](#) - Static method in class **com.swath.cmd.[TransWarp](#)**

TransWarp your ship to another sector.

[exec\(Sector\)](#) - Static method in class **com.swath.cmd.[PlanetTransport](#)**

Transport your ship to another sector using a planet transporter.

[exec\(Sector\)](#) - Static method in class **com.swath.cmd.[LaunchEtherProbe](#)**

Launch an ether probe.

[exec\(Sector\)](#) - Static method in class **com.swath.cmd.[LaunchMineDisruptor](#)**

Launch a mine disruptor into a sector.

[exec\(Sector\)](#) - Static method in class **com.swath.cmd.[PlanetWarp](#)**

Warp the current planet to another sector.

[exec\(Sector\)](#) - Static method in class com.swath.cmd.[SetAvoidedSectors](#)

Set a new sector to avoid.

[exec\(Sector\)](#) - Static method in class com.swath.cmd.[FirePhotonMissile](#)

Fire a photon missile into a sector.

[exec\(Sector\)](#) - Static method in class com.swath.cmd.[Move](#)

Move to another sector without scanning.

[exec\(Sector\)](#) - Static method in class com.swath.cmd.[ClearAvoidedSectors](#)

Clear an avoided sector.

[exec\(Sector\)](#) - Static method in class com.swath.cmd.[PortReport](#)

Get the current port report for a port.

[exec\(Sector\[\]\)](#) - Static method in class com.swath.cmd.[SetAvoidedSectors](#)

Set new sectors to avoid.

[exec\(Sector\[\]\)](#) - Static method in class com.swath.cmd.[ClearAvoidedSectors](#)

Clear avoided sectors.

[exec\(Sector, boolean\)](#) - Static method in class com.swath.cmd.[VisualMap](#)

Display a sector in the Visual Map.

[exec\(Sector, boolean, boolean\)](#) - Static method in class com.swath.cmd.[Move](#)

Move to another sector and scan along the way.

[exec\(Sector, Sector\)](#) - Static method in class com.swath.cmd.[PlotCourse](#)

Plot the course between two sectors.

[exec\(Ship\)](#) - Static method in class com.swath.cmd.[TowShip](#)

Tow a ship in the current sector.

[exec\(Ship\)](#) - Static method in class com.swath.cmd.[AttackShip](#)

Try to capture an unmanned ship.

[exec\(Ship\)](#) - Static method in class com.swath.cmd.[Transport](#)

Transport to another ship.

[exec\(Ship, int\)](#) - Static method in class com.swath.cmd.[AttackShip](#)

Attack an unmanned ship with a specific amount of fighters.

[exec\(Ship, String\)](#) - Static method in class com.swath.cmd.[SellShip](#)

Sell a ship at the Shipyards on StarDock.

[exec\(String\)](#) - Static method in class com.swath.cmd.[MakeAnnouncement](#)

Make an announcement.

[exec\(String\)](#) - Static method in class com.swath.cmd.[WaitForText](#)

Wait for a specific text from TW with no timeout.

[exec\(String\)](#) - Static method in class com.swath.cmd.[PrintTrace](#)

Print trace text in the SWATH console window.

[exec\(String\)](#) - Static method in class com.swath.cmd.[PrintText](#)

Print text in the terminal window.

[exec\(String\)](#) - Static method in class com.swath.cmd.[SendMacro](#)

Send a macro once to the TW server.

[exec\(String\)](#) - Static method in class com.swath.cmd.[SendSSRadioMessage](#)

Send a plain message on the current sub-space radio band.

[exec\(String\)](#) - Static method in class com.swath.cmd.[ReleaseBeacon](#)

Release a marker beacon in the current sector.

[exec\(String\)](#) - Static method in class com.swath.cmd.[SendString](#)

Send a string to the TW server.

[exec\(String\)](#) - Static method in class com.swath.cmd.[ReEnterTW](#)

Deprecated. *Set the password in preferences instead and use `exec()`.*

[exec\(String\)](#) - Static method in class com.swath.cmd.[SendFedCommMessage](#)

Send a plain message on the Federation comm-link.

[exec\(String\[\]\)](#) - Static method in class com.swath.cmd.[WaitForText](#)

Wait for one of several texts from TW with no timeout.

[exec\(String\[\], int\)](#) - Static method in class com.swath.cmd.[WaitForText](#)

Wait for one of several texts from TW or timeout.

[exec\(String, boolean\)](#) - Static method in class com.swath.cmd.[SendSSRadioMessage](#)

Send a message on the current sub-space radio band.

[exec\(String, boolean\)](#) - Static method in class com.swath.cmd.[SendFedCommMessage](#)

Send a message on the Federation comm-link.

[exec\(String, int\)](#) - Static method in class com.swath.cmd.[WaitForText](#)

Wait for a specific text from TW or timeout.

[exec\(String, int\)](#) - Static method in class com.swath.cmd.[ChangeShipSettings](#)

Change the ship settings of the current ship.

[exec\(String, int\)](#) - Static method in class com.swath.cmd.[LaunchGenesisTorpedo](#)

Launch a genesis torpedo in the current sector.

[exec\(String, int\)](#) - Static method in class com.swath.cmd.[UserAlert](#)

Display a user alert in the terminal and SWATH console window.

[exec\(String, int, boolean\)](#) - Static method in class com.swath.cmd.[SendMacro](#)

Send a macro one or more times to the TW server.

[exec\(String, String, int, int\)](#) - Static method in class com.swath.cmd.[MessageBox](#)

Display a message box to the user.

[exec\(String, String, int, String\)](#) - Static method in class com.swath.cmd.[BuyShip](#)

Buy a new ship at the Shipyards on StarDock.

[exec\(Trader\)](#) - Static method in class com.swath.cmd.[AttackTrader](#)

Attack a trader with enough fighters to pod him/her and capture the ship.

[exec\(Trader, int\)](#) - Static method in class com.swath.cmd.[AttackTrader](#)

Attack a trader with a specific amount of fighters.

[exec\(Trader, String\)](#) - Static method in class com.swath.cmd.[SendPrivateMessage](#)

Send a plain message to a trader.

[exec\(Trader, String, boolean\)](#) - Static method in class com.swath.cmd.[SendPrivateMessage](#)

Send a private message to a trader.

[exec\(UserDefinedScript\)](#) - Static method in class com.swath.cmd.[Connect](#)

Connect to the TW game server and run an auto-login script.

[execCommand\(CommandIfc\)](#) - Static method in class com.swath.[Swath](#)

Executes a command.

Used by SWATH only!

[execInstance\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Executes a script instance.

Should only be called from static `exec ()` methods.

[experience\(\)](#) - Method in class com.swath.[Trader](#)

Gets the trader's experience points.

F

[FIGHTERS](#) - Static variable in class com.swath.[Swath](#)

The index and identifier used for Fighters.

[FIGHTERS](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Fighters' item type.

[fighters\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of fighters on the ship.

[fighters\(\)](#) - Method in class com.swath.[Sector](#)

Gets the number of fighters in this sector.

[fighters\(\)](#) - Method in class com.swath.[Planet](#)

Gets the number of fighters on the planet.

[findPortPairs\(Tools.PortSearchParameters, Tools.PortSearchParameters, boolean, int\)](#) - Static method in class com.swath.[Tools](#)

Finds port pairs in the SWATH database that matches the given parameters.

[findPorts\(Tools.PortSearchParameters, boolean, int\)](#) - Static method in class com.swath.[Tools](#)

Finds ports in the SWATH database that matches the given parameters.

[findRoute\(int, int\)](#) - Static method in class com.swath.[Tools](#)

Finds the route between two sectors by using the SWATH database.

[findSectors\(Tools.SectorSearchParameters\)](#) - Static method in class com.swath.[Tools](#)

Finds sectors in the SWATH database that matches the given parameters.

[FirePhotonMissile](#) - class com.swath.cmd.[FirePhotonMissile](#).

Fire a photon missile into a sector.

[FLED](#) - Static variable in class com.swath.cmd.[AttackTrader](#)

The trader fled to an adjacent sector.

[FRIENDLY](#) - Static variable in class com.swath.[Swath](#)

The sector is friendly to you.

[ftrOwner\(\)](#) - Method in class com.swath.[Sector](#)

Gets the owner of the fighters in this sector.

[ftrTimestamp\(\)](#) - Method in class com.swath.[Sector](#)

Gets the timestamp when the fighters were placed or first discovered.

[ftrType\(\)](#) - Method in class com.swath.[Sector](#)

Gets the type of fighters in this sector.

[FUEL_ORE](#) - Static variable in class com.swath.[Swath](#)

The index and indentifier used for Fuel Ore.

[fuel\(\)](#) - Method in class com.swath.[Ship](#)

Gets total number of holds with fuel ore.

G

[gameName\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current TradeWars game name.

[gamePath\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current TradeWars game path.

[gameVersion\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current TradeWars game version.

[gates\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the gate sector(s) for the bubble.

[GENESIS_TORPEDOES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Genesis Torpedoes' item type.

[genesisTorpedos\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of genesis torpedos on the ship.

[getAllCorporations\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all corporations.

[getAllPlanetClasses\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all planet classes.

[getAllPlanets\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all planets.

[getAllShipCategories\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all ship categories.

[getAllShips\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all ships.

[getAllTraders\(\)](#) - Static method in class com.swath.[Swath](#)

Gets an array with all traders.

[GetAvoidedSectors](#) - class com.swath.cmd.[GetAvoidedSectors](#).

Get the current list of avoided sectors.

[getBoolean\(\)](#) - Method in class com.swath.[Parameter](#)

Gets a boolean value.

[getBubbles\(int\)](#) - Static method in class com.swath.[Swath](#)

Gets all bubbles of a specific type.

[getChoice\(int\)](#) - Method in class com.swath.[Parameter](#)

Gets a choice value for a specific key.

[getClassName\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Gets the class name.

[getClassName\(\)](#) - Method in interface com.swath.[EventIfc](#)

Gets the event class name.

[getClassName\(\)](#) - Method in interface com.swath.[CommandIfc](#)

Gets the command class name.

[getClassName\(Class\)](#) - Static method in class com.swath.[Tools](#)

Gets the class name.

[GetColonists](#) - class com.swath.cmd.[GetColonists](#).

Get colonists from Terra.

[getCommandName\(\)](#) - Method in class com.swath.[CommandException](#)

Returns the command name.

[getCorporation\(\)](#) - Method in class com.swath.[Identity](#)

Returns the corporation.

[getCorporation\(int\)](#) - Static method in class com.swath.[Swath](#)

Gets a corporation.

[getCurrentChoice\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the current choice value.

[getDescription\(\)](#) - Method in class [ExampleScript1](#)

[getDescription\(\)](#) - Method in class [ExampleScript2](#)

[getDescription\(\)](#) - Method in class [ExampleScript3](#)

[getDescription\(\)](#) - Method in class [ExampleScript4](#)

[getDescription\(\)](#) - Method in class [ExampleScript5](#)

[getDescription\(\)](#) - Method in class [ExampleScript6](#)

[getDescription\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Called by the framework to get the description of the script.

You should override this method to provide a script description.

The script description can be an URL to a HTML page or file.

[getDouble\(\)](#) - Method in class com.swath.[Parameter](#)

Gets a double value.

[getDoubleMax\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the maximum double value limit.

[getDoubleMin\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the minimum double value limit.

[getHelpText\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the help text for this parameter.

[getInteger\(\)](#) - Method in class com.swath.[Parameter](#)

Gets an integer value.

[getIntegerMax\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the maximum integer value limit.

[getIntegerMin\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the minimum integer value limit.

[getKeys\(\)](#) - Method in class com.swath.[Parameter](#)

Gets an enumeration of the choice value keys.

[getMaxStringLength\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the maximum string length.

[getName\(\)](#) - Method in class [ExampleScript1](#)

[getName\(\)](#) - Method in class [ExampleScript2](#)

[getName\(\)](#) - Method in class [ExampleScript3](#)

[getName\(\)](#) - Method in class [ExampleScript4](#)

[getName\(\)](#) - Method in class [ExampleScript5](#)

[getName\(\)](#) - Method in class [ExampleScript6](#)

[getName\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Called by the framework to get the name of the script.

You should override this method.

[getName\(\)](#) - Method in interface com.swath.[CommandIfc](#)

Gets the name of the command.

[getParams\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Gets the script parameters.

[getParams\(\)](#) - Method in interface com.swath.[CommandIfc](#)

Gets the command parameters.

[getPlanet\(int\)](#) - Static method in class com.swath.[Swath](#)

Gets a planet.

[getPlanetClass\(String\)](#) - Static method in class com.swath.[Swath](#)

Gets a planet class.

[getResource\(String\)](#) - Method in class com.swath.[UserDefinedScript](#)

Finds a resource with a given name.

[getResource\(String\)](#) - Static method in class com.swath.[Tools](#)

Finds a resource with a given name.

[getSector\(int\)](#) - Static method in class com.swath.[Swath](#)

Gets a sector.

[getSectors\(int\[\]\)](#) - Static method in class com.swath.[Swath](#)

Gets an array of sectors.

[getShip\(int\)](#) - Static method in class com.swath.[Swath](#)

Gets a ship.

[getShipCategory\(String\)](#) - Static method in class com.swath.[Swath](#)

Gets a ship category.

[getString\(\)](#) - Method in class com.swath.[Parameter](#)

Gets a string value.

[getText\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the text for this parameter.

[getTrader\(\)](#) - Method in class com.swath.[Identity](#)

Returns the trader.

[getTrader\(String\)](#) - Static method in class com.swath.[Swath](#)

Gets a trader.

[getType\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the type of this parameter.

[getValue\(\)](#) - Method in class com.swath.[Parameter](#)

Gets the value as an object.

H

[hasDensityScanner\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has a density scanner or not.

[hasHoloScanner\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has a holographic scanner or not.

[hasInterdictor\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has an interdictor generator or not.

[hasInterdictor\(\)](#) - Method in class com.swath.[Planet](#)

Indicates if the planet has an Interdictor generator or not.

[hasPlanetScanner\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has a planet scanner or not.

[hasPsychicProbe\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has a psychic probe or not.

[holds\(\)](#) - Method in class com.swath.[Ship](#)

Gets total number of holds on the ship.

[HOLO_SCAN](#) - Static variable in class com.swath.cmd.[ScanSector](#)

Holographic scan.

[HOLO_SCANNER](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Holographic Scanner' item type.

[HOSTILE](#) - Static variable in class com.swath.[Swath](#)

The sector is hostile to you.

[hostname\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the name or IP address of the game host.

I

[ICON_ERROR](#) - Static variable in class com.swath.cmd.[MessageBox](#)

An 'error' icon.

[ICON_EXCLAMATION](#) - Static variable in class com.swath.cmd.[MessageBox](#)

An 'exclamation' icon.

[ICON_INFORMATION](#) - Static variable in class com.swath.cmd.[MessageBox](#)

An 'information' icon.

[ICON_QUESTION](#) - Static variable in class com.swath.cmd.[MessageBox](#)

A 'question' icon.

[ICON_STOP](#) - Static variable in class com.swath.cmd.[MessageBox](#)

A 'stop' icon.

[ICON_WARNING](#) - Static variable in class com.swath.cmd.[MessageBox](#)

A 'warning' icon.

[ID_ALIEN](#) - Static variable in class com.swath.[Swath](#)

This is the trader id for 'Alien'.

[ID_FEDERAL](#) - Static variable in class com.swath.[Swath](#)

This is the trader id for 'Federation'.

[ID_FERRENGI](#) - Static variable in class com.swath.[Swath](#)

This is the trader id for 'Ferrengi'.

[ID_NOBODY](#) - Static variable in class com.swath.[Swath](#)

This is the trader id for 'Nobody'.

[ID_UNKNOWN](#) - Static variable in class com.swath.[Swath](#)

This is the trader id for 'Unknown'.

[ID_YOU](#) - Static variable in class com.swath.[Swath](#)

This is your trader id.

[id\(\)](#) - Method in class com.swath.[Ship](#)

Gets the ship identification number.

[id\(\)](#) - Method in class com.swath.[Trader](#)

Gets the internal trader identification number in SWATH.

[id\(\)](#) - Method in class com.swath.[Planet](#)

Gets the planet identification number.

[id\(\)](#) - Method in class com.swath.[Corporation](#)

Gets the corporation identification number.

[Identity](#) - class com.swath.[Identity](#).

This class represents an identity and is either a trader or a corporation.

[index\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the bubble index.

[Info](#) - class com.swath.[Info](#).

This is an abstract base class for information access used by SWATH.

[initCommand\(\)](#) - Method in class com.swath.cmd.[Land](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PlanetaryTrade](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TakeLeaveShields](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[BlowUpPlanet](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[DisplaySector](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[MakeAnnouncement](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[VisualMap](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TransWarp](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PlanetTransport](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[MessageBox](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[EnterComputer](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LaunchEtherProbe](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TakeLeaveProducts](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[WaitForText](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ChangeShipSettings](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LaunchGenesisTorpedo](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PrintTrace](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TowShip](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PrintText](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[DisplayCurrentInfo](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ActiveShipScan](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LaunchMineDisruptor](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TakeLeaveCredits](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ShowDeployedFighters](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[BuyShip](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Disconnect](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[EnterCitadel](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SetTextMode](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[AttackPort](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Connect](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PlanetWarp](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SendPrivateMessage](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SendMacro](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[WaitForEvent](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SetAvoidedSectors](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SellShip](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[AttackShip](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[GetColonists](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[DropTakeFighters](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ShutOffTractorBeam](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ChangePersonalSettings](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ClaimPlanet](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[DropTakeMines](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TakeLeaveColonists](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[TakeLeaveFighters](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SendSSRadioMessage](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[FirePhotonMissile](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ShowWhoIsPlaying](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LeaveCitadel](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[AttackTrader](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[CIMDownload](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Move](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ShowPersonalPlanets](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[EnterTW](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Rob](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ClearAvoidedSectors](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Steal](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PlotCourse](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LiftOff](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LeaveComputer](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[MoveColonists](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ReleaseBeacon](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[QuitTW](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[BuyItems](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[UserAlert](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[PortReport](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[UpgradePort](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ScanSector](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SendString](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[JettisonCargo](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Trade](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LeaveStarDock](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[UpgradePlanet](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[ReEnterTW](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[WaitForPrompt](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[LandOnStarDock](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[SendFedCommMessage](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[GetAvoidedSectors](#)

[initCommand\(\)](#) - Method in class com.swath.cmd.[Transport](#)

[initHolds\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the initial number of holds for the ship category.

[initInstance\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Initialises a script instance.

Should only be called from static `exec ()` methods.

[initScript\(\)](#) - Method in class [ExampleScript1](#)

[initScript\(\)](#) - Method in class [ExampleScript2](#)

[initScript\(\)](#) - Method in class [ExampleScript3](#)

[initScript\(\)](#) - Method in class [ExampleScript4](#)

[initScript\(\)](#) - Method in class [ExampleScript5](#)

[initScript\(\)](#) - Method in class [ExampleScript6](#)

[initScript\(\)](#) - Method in class com.swath.[UserDefinedScript](#)

Called by the framework to initialise the script.

You should override this method to make your own initialisation.

[INTEGER](#) - Static variable in class com.swath.[Parameter](#)

The integer value type.

[isAvoided\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if the sector is avoided or not.

[isConnected\(\)](#) - Method in class com.swath.[MainInfo](#)

Indicates if SWATH is connected to a game server or not.

[isCorporation\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if the identity is a corporation or not.

[isCorpPlanet\(\)](#) - Method in class com.swath.[Planet](#)

Indicates if the planet is corporate or personal.

[isCorpShip\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship is corporate or personal.

[isEmpty\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if the sector is empty or not.

[isEventClass\(Class\)](#) - Method in interface com.swath.[EventIfc](#)

Indicates if this event matches a given event class.

[isGoldGame\(\)](#) - Method in class com.swath.[MainInfo](#)

Indicates if the current TradeWars game is Gold enabled.

[isInterdictorActive\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship's interdictor generator is active or not.

[isInterdictorActive\(\)](#) - Method in class com.swath.[Planet](#)

Indicates if the planet's Interdictor generator is active or not.

[isInternal\(\)](#) - Method in interface com.swath.[CommandIfc](#)

Indicates if this is an internal SWATH command or not.

[isInternal\(\)](#) - Method in class com.swath.cmd.[VisualMap](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[MessageBox](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[PrintTrace](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[PrintText](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[Disconnect](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[SetTextMode](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[Connect](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[WaitForEvent](#)

[isInternal\(\)](#) - Method in class com.swath.cmd.[UserAlert](#)

[isMBBSGame\(\)](#) - Method in class com.swath.[MainInfo](#)

Indicates if the current TradeWars game is MBBS enabled.

[isOnline\(\)](#) - Method in class com.swath.[Trader](#)

Indicates if the trader is online or not.

[isOnline\(\)](#) - Method in class com.swath.[Corporation](#)

Indicates if some member of this corporation is currently online.

[isRealPlayer\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if this is a real player or a computer controlled trader.

[isRealPlayer\(\)](#) - Method in class com.swath.[Trader](#)

Indicates if this is a real player or a computer controlled trader.

[isTrader\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if the identity is a trader or not.

[isUnexplored\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if the sector is unexplored or not.

[isUnknown\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if the identity is unknown or not.

[isUserDefined\(\)](#) - Method in interface com.swath.[EventIfc](#)

Indicates if this event is user defined or not.

[isUserDefined\(\)](#) - Method in interface com.swath.[CommandIfc](#)

Indicates if this command is user defined or not.

[isValid\(\)](#) - Method in class com.swath.[Parameter](#)

Indicates if the parameter is valid or not.

[isVisited\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if the sector has been visited or not.

[isYou\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if this is you or not.

[isYou\(\)](#) - Method in class com.swath.[Trader](#)

Indicates if this is you or not.

[isYourCorporation\(\)](#) - Method in class com.swath.[Identity](#)

Indicates if this is your corporation or not.

[isYourCorporation\(\)](#) - Method in class com.swath.[Corporation](#)

Indicates if this is your corporation or not.

J

[JettisonCargo](#) - class com.swath.cmd.[JettisonCargo](#).

Jettison all the cargo.

K

[KILLED](#) - Static variable in class com.swath.cmd.[AttackTrader](#)

The trader was killed and the ship is destroyed.

L

[Land](#) - class com.swath.cmd.[Land](#).

Land on a planet in the current sector.

[LandOnStarDock](#) - class com.swath.cmd.[LandOnStarDock](#).

Land on the StarDock.

[lastPortUpdate\(\)](#) - Method in class com.swath.[Sector](#)

Gets the timestamp when the port information was last updated.

[lastRobStealSector\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the last sector where you robbed or stole from the port.

[lastSectorUpdate\(\)](#) - Method in class com.swath.[Sector](#)

Gets the timestamp when the sector information was last updated.

[lastUpdate\(\)](#) - Method in class com.swath.[Ship](#)

Gets the timestamp when the ship information was last updated.

[lastUpdate\(\)](#) - Method in class com.swath.[Trader](#)

Gets the timestamp when the trader information was last updated.

[lastUpdate\(\)](#) - Method in class com.swath.[Planet](#)

Gets the timestamp when the planet information was last updated.

[lastUpdate\(\)](#) - Method in class com.swath.[Corporation](#)

Gets the timestamp when the corporation information was last updated.

[LaunchEtherProbe](#) - class com.swath.cmd.[LaunchEtherProbe](#).

Launch an ether probe.

[LaunchGenesisTorpedo](#) - class com.swath.cmd.[LaunchGenesisTorpedo](#).

Launch a genesis torpedo in the current sector.

[LaunchMineDisruptor](#) - class com.swath.cmd.[LaunchMineDisruptor](#).

Launch a mine disruptor into a sector.

[LeaveCitadel](#) - class com.swath.cmd.[LeaveCitadel](#).

Leave the planet citadel.

[LeaveComputer](#) - class com.swath.cmd.[LeaveComputer](#).

Leave the ship computer.

[LeaveStarDock](#) - class com.swath.cmd.[LeaveStarDock](#).

Leave the StarDock.

[level\(\)](#) - Method in class com.swath.[Planet](#)

Gets the current planet level: 0 = No citadel 1 = Citadel 2 = Combat computer 3 = Quasar
Cannon 4 = TransWarp drive 5 = Shield generator 6 = Interdictor control

[LiftOff](#) - class com.swath.cmd.[LiftOff](#).

Lift off from the planet.

[LIMPET](#) - Static variable in class com.swath.cmd.[DropTakeMines](#)

Limpet mines.

[LIMPET_MINES](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Limpet Tracking Mines' item type.

[limpetMines\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of limpet mines on the ship.

[limpetMines\(\)](#) - Method in class com.swath.[Sector](#)

Gets the number of limpet mines in the sector.

[limpetOwner\(\)](#) - Method in class com.swath.[Sector](#)

Gets the owner of the limpet mines in this sector.

[longRangeScanner\(\)](#) - Method in class com.swath.[ShipCategory](#)

Indicates if the ship category can have a Long range scanner or not.

M

[main](#) - Static variable in class com.swath.[Swath](#)

Get main game and SWATH information here.

[mainDriveCost\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the main drive cost for the ship category.

[MainInfo](#) - class com.swath.[MainInfo](#).

This class contains methods for accessing main game and SWATH information.

[MakeAnnouncement](#) - class com.swath.cmd.[MakeAnnouncement](#).

Make an announcement.

[MARKER_BEACONS](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Marker Beacons' item type.

[maxAmounts\(\)](#) - Method in class com.swath.[PlanetClass](#)

Gets the maximum amount of product that the planet class can have for each product type (Fuel Ore, Organics, Equipment and Fighters).

[maxArmidMines\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of Armid mines for the ship category.

[maxBeacons\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of Marker beacons for the ship category.

[maxFighters\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of fighters for the ship category.

[maxFightersPerAttack\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of fighters per attack for the ship category.

[maxGenesisTorpedos\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of Genesis torpedos for the ship category.

[maxHolds\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of holds for the ship category.

[maxShields\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the maximum number of shields for the ship category.

[MERCHANTARY_FTRS](#) - Static variable in class com.swath.[Swath](#)

The merchantary fighter type.

[MessageBox](#) - class com.swath.cmd.[MessageBox](#).

Display a message box to the user.

[militaryLevel\(\)](#) - Method in class com.swath.[Planet](#)

Gets the current military reaction level (0-100%).

[MINE_DISRUPTORS](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Mine Disruptors' item type.

[mineDisruptors\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of mine disruptors on the ship.

[MODE_BLINK](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Blink mode.

[MODE_HIGHLIGHT](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Highlight mode.

[MODE_NORMAL](#) - Static variable in class com.swath.cmd.[SetTextMode](#)

Normal mode.

[Move](#) - class com.swath.cmd.[Move](#).

Move to another sector.

[MoveColonists](#) - class com.swath.cmd.[MoveColonists](#).

Move colonists from one product to another on the current planet.

N

[N_A](#) - Static variable in class com.swath.[Swath](#)

Indicates 'N/A'.

[name\(\)](#) - Method in class com.swath.[Ship](#)

Gets the name of the ship.

[name\(\)](#) - Method in class com.swath.[Trader](#)

Gets the name of the trader.

[name\(\)](#) - Method in class com.swath.[Planet](#)

Gets the name of the planet.

[name\(\)](#) - Method in class com.swath.[PlanetClass](#)

Gets the name of the planet class.

[name\(\)](#) - Method in class com.swath.[Corporation](#)

Gets the name of the corporation.

[navHaz\(\)](#) - Method in class com.swath.[Sector](#)

Gets the navigational hazard for the sector (0-100%).

[NEUTRAL](#) - Static variable in class com.swath.[Swath](#)

The trader/corp/sector is neutral to you.

[NEW_LINE](#) - Static variable in class com.swath.cmd.[PrintText](#)

The new line character (0x0A).

[NO](#) - Static variable in class com.swath.[Swath](#)

Indicates 'No'.

[NO_ATTACK](#) - Static variable in class com.swath.cmd.[AttackPort](#)

No attack was made for some reason.

[NO_ATTACK](#) - Static variable in class com.swath.cmd.[AttackShip](#)

No attack was made for some reason.

[NO_ATTACK](#) - Static variable in class com.swath.cmd.[AttackTrader](#)

No attack was made for some reason.

[NO_CHANGE](#) - Static variable in class com.swath.[Swath](#)

Indicates 'No change'.

[NO_PORT](#) - Static variable in class com.swath.[Sector](#)

There is no port in this sector.

[NO_PROMPT](#) - Static variable in class com.swath.[Swath](#)

No prompt.

[NO_RADIO](#) - Static variable in class com.swath.cmd.[ChangePersonalSettings](#)

No sub-space radio.

[NO_TWD](#) - Static variable in class com.swath.[Ship](#)

The ship has no TransWarp drive.

[NONE](#) - Static variable in class com.swath.[Parameter](#)

No value type.

O

[OFF](#) - Static variable in class com.swath.[Swath](#)

Indicates 'Off'.

[OFFENSIVE_FTRS](#) - Static variable in class com.swath.[Swath](#)

The offensive fighter type.

[offensiveOdds\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the offensive odds for the ship category.

[ON](#) - Static variable in class com.swath.[Swath](#)

Indicates 'On'.

[ONE_SHIP_TW_DRIVE](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'One Ship TransWarp Drive' item type.

[ONE_SHIP_TWD](#) - Static variable in class com.swath.[Ship](#)

The ship has a TransWarp drive for one ship.

[ONE_WAY](#) - Static variable in class com.swath.**[Sector](#)**

Indicates a one way warp.

[oneShipTransWarpRange\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets the current range of a one ship TransWarp.

[oneWays\(\)](#) - Method in class com.swath.**[Sector](#)**

Indicates if a warp sector is one-way or not.

[ORGANICS](#) - Static variable in class com.swath.**[Swath](#)**

The index and identifier used for Organics.

[organics\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets total number of holds with organics.

[owner\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets the current owner of the ship.

[owner\(\)](#) - Method in class com.swath.**[Planet](#)**

Gets the current planet owner.

P

[Parameter](#) - class com.swath.**[Parameter](#)**.

This class represents a parameter.

[Parameter\(\)](#) - Constructor for class com.swath.**[Parameter](#)**

Constructor.

[Parameter\(String\)](#) - Constructor for class com.swath.**[Parameter](#)**

Constructor.

[partOfMajorSpaceLane\(\)](#) - Method in class com.swath.**[Sector](#)**

Indicates if the sector is part of a major space lane or not.

[PERSONAL](#) - Static variable in class com.swath.**[Swath](#)**

The personal owner type.

[PHOTON_MISSILES](#) - Static variable in class com.swath.cmd.**[BuyItems](#)**

The 'Photon Missiles' item type.

[photonMissiles\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets the number of photon missiles on the ship.

[photonMissiles\(\)](#) - Method in class com.swath.**[ShipCategory](#)**

Indicates if the ship category can have Photon missiles or not.

[Planet](#) - class com.swath.**[Planet](#)**.

This class represents a planet in TW.

[PLANET_PROMPT](#) - Static variable in class com.swath.**[Swath](#)**

The planet prompt.

[PLANET_SCANNER](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Planet Scanner' item type.

[PlanetaryTrade](#) - class com.swath.cmd.[PlanetaryTrade](#).

Negotiate a planetary trade agreement at the port in the current sector.

[PlanetClass](#) - class com.swath.[PlanetClass](#).

This class represents a planet class in TW.

[planetClass\(\)](#) - Method in class com.swath.[Planet](#)

Gets the planet class.

[planets\(\)](#) - Method in class com.swath.[Sector](#)

Gets all the planets in the sector.

[planetScanner\(\)](#) - Method in class com.swath.[ShipCategory](#)

Indicates if the ship category can have a Planet scanner or not.

[PlanetTransport](#) - class com.swath.cmd.[PlanetTransport](#).

Transport your ship to another sector using a planet transporter.

[PlanetWarp](#) - class com.swath.cmd.[PlanetWarp](#).

Warp the current planet to another sector.

[playSoundFile\(File\)](#) - Static method in class com.swath.[Tools](#)

Plays the sound from a given file.

[playSoundFileAsync\(File\)](#) - Static method in class com.swath.[Tools](#)

Plays the sound from a given file asynchronously.

[playSoundURL\(URL\)](#) - Static method in class com.swath.[Tools](#)

Plays the sound from a given URL.

[playSoundURLAsync\(URL\)](#) - Static method in class com.swath.[Tools](#)

Plays the sound from a given URL asynchronously.

[PlotCourse](#) - class com.swath.cmd.[PlotCourse](#).

Plot the course between two sectors.

[PODDED](#) - Static variable in class com.swath.cmd.[AttackTrader](#)

The trader left the ship in an escape pod.

[PORT_AVAILABLE](#) - Static variable in class com.swath.[Sector](#)

There is a port in this sector, ready to use.

[PORT_BLOCKED](#) - Static variable in class com.swath.[Sector](#)

There seems to be a blocked port in this sector.

[PORT_DESTROYED](#) - Static variable in class com.swath.[Sector](#)

Warning, there is a destroyed port in this sector.

[PORT_UNDER_CONSTRUCTION](#) - Static variable in class com.swath.[Sector](#)

There is a port under construction in this sector.

[port\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the port number.

[portAmounts\(\)](#) - Method in class com.swath.[Sector](#)

Gets the amount of product available at the port for each product type (Fuel Ore, Organics and Equipment).

[portClass\(\)](#) - Method in class com.swath.[Sector](#)

Gets the port class.

[portConstructionStatus\(\)](#) - Method in class com.swath.[Sector](#)

Gets the current construction status of the port.

[portDockingLog\(\)](#) - Method in class com.swath.[Sector](#)

Gets the name of the last ship that docked at the port.

[portDockingTimestamp\(\)](#) - Method in class com.swath.[Sector](#)

Gets the timestamp when the last ship docked at the port.

[portInfo\(\)](#) - Method in class com.swath.[Sector](#)

Gets the port buy/sell information for each product type (Fuel Ore, Organics and Equipment).

[portName\(\)](#) - Method in class com.swath.[Sector](#)

Gets the name of the port in the sector.

[portPercentages\(\)](#) - Method in class com.swath.[Sector](#)

Gets the amount of product available at the port in percentage of the maximal amount for each product type (Fuel Ore, Organics and Equipment).

[PortReport](#) - class com.swath.cmd.[PortReport](#).

Get the current port report for a port.

[portStatus\(\)](#) - Method in class com.swath.[Sector](#)

Gets the sector port status.

[PrintText](#) - class com.swath.cmd.[PrintText](#).

Print text in the terminal window.

[PrintTrace](#) - class com.swath.cmd.[PrintTrace](#).

Print trace text in the SWATH console window.

[productAmounts\(\)](#) - Method in class com.swath.[Planet](#)

Gets the amount of product for each product type on the planet (Fuel Ore, Organics and Equipment).

[prompt\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current prompt.

[PSYCHIC_PROBE](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Psychic Probe' item type.

Q

[qcAtmosLevel\(\)](#) - Method in class com.swath.[Planet](#)

Gets the Quasar cannon atmospheric level (0-100%).

[qcSectorLevel\(\)](#) - Method in class com.swath.[Planet](#)

Gets the Quasar cannon sector level (0-100%).

[QuitTW](#) - class com.swath.cmd.[QuitTW](#).

Quit a TradeWars game.

R

[rank\(\)](#) - Method in class com.swath.[Trader](#)

Gets the current rank of the trader.

[rank\(\)](#) - Method in class com.swath.[Corporation](#)

Gets the current rank of the corporation.

[ReEnterTW](#) - class com.swath.cmd.[ReEnterTW](#).

Exit and re-enter a TradeWars game.

[registerParam\(Parameter\)](#) - Method in class com.swath.[UserDefinedScript](#)

This method is used to register a script parameter.

[relation\(\)](#) - Method in class com.swath.[Trader](#)

Gets the current relation between you and this trader.

[relation\(\)](#) - Method in class com.swath.[Corporation](#)

Gets the current relation between you and this corporation.

[ReleaseBeacon](#) - class com.swath.cmd.[ReleaseBeacon](#).

Release a marker beacon in the current sector.

[removeChoice\(int\)](#) - Method in class com.swath.[Parameter](#)

Removes a choice value.

[RES_ABORT](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Abort'.

[RES_CANCEL](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Cancel'.

[RES_IGNORE](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Ignore'.

[RES_NO](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'No'.

[RES_OK](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Ok'.

[RES_RETRY](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Retry'.

[RES_YES](#) - Static variable in class com.swath.cmd.[MessageBox](#)

Return value 'Yes'.

[RETURN_KEY](#) - Static variable in class com.swath.cmd.[SendString](#)

The return key character (0x0D).

[Rob](#) - class com.swath.cmd.[Rob](#).

Rob the port in the current sector.

[runScript\(\)](#) - Method in class [ExampleScript1](#)

[runScript\(\)](#) - Method in class [ExampleScript2](#)

[runScript\(\)](#) - Method in class [ExampleScript3](#)

[runScript\(\)](#) - Method in class [ExampleScript4](#)

[runScript\(\)](#) - Method in class [ExampleScript5](#)

[runScript\(\)](#) - Method in class [ExampleScript6](#)

[runScript\(\)](#) - Method in class [com.swath.UserDefinedScript](#)

Called by the framework to run the script.

You should override this method to define the script body.

S

[ScanSector](#) - class [com.swath.cmd.ScanSector](#).

Perform a long range scan in the current sector.

[ScriptException](#) - exception [com.swath.ScriptException](#).

Script exception.

Thrown when the current script execution fails for some reason.

You can throw this exception from your own script.

[ScriptException\(String\)](#) - Constructor for class [com.swath.ScriptException](#)

Constructor.

[sector](#) - Static variable in class [com.swath.Swath](#)

Get the current sector information here.

[Sector](#) - class [com.swath.Sector](#).

This class represents a sector in TW.

[sector\(\)](#) - Method in class [com.swath.Ship](#)

Gets the sector number where the ship is currently located.

[sector\(\)](#) - Method in class [com.swath.Sector](#)

Gets the sector number.

[sector\(\)](#) - Method in class [com.swath.Trader](#)

Gets the sector number where the trader is currently located.

[sector\(\)](#) - Method in class [com.swath.Planet](#)

Gets the sector number where the planet is currently located.

[sectorNote\(\)](#) - Method in class com.swath.[Sector](#)

Gets the sector note.

[sectors\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the total number of sectors in the database.

[sectors\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the bubble sectors.

[secure\(\)](#) - Method in class com.swath.[Bubble](#)

Indicates if the bubble is secure or not.

[SELLING](#) - Static variable in class com.swath.[Sector](#)

The port is selling this product.

[SellShip](#) - class com.swath.cmd.[SellShip](#).

Sell a ship at the Shipyards on StarDock.

[SendFedCommMessage](#) - class com.swath.cmd.[SendFedCommMessage](#).

Send a message on the Federation comm-link.

[SendMacro](#) - class com.swath.cmd.[SendMacro](#).

Send a macro to the TW server.

[SendPrivateMessage](#) - class com.swath.cmd.[SendPrivateMessage](#).

Send a private message to a trader.

[SendSSRadioMessage](#) - class com.swath.cmd.[SendSSRadioMessage](#).

Send a message on the current sub-space radio band.

[SendString](#) - class com.swath.cmd.[SendString](#).

Send a string to the TW server.

[setAnomaly\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for sectors with anomalies.

[setArmidMines\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum number of armid mines to search for.

[setArmidOwner\(Identity\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for armid mines with a specific owner.

[SetAvoidedSectors](#) - class com.swath.cmd.[SetAvoidedSectors](#).

Set new sectors to avoid.

[setBeaconText\(String\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the beacon text to search for.

[setBoolean\(boolean\)](#) - Method in class com.swath.[Parameter](#)

Sets a boolean value.

[setCurrentChoice\(int\)](#) - Method in class com.swath.[Parameter](#)

Sets the current choice value.

[setDensity\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum sector density to search for.

[setDouble\(double\)](#) - Method in class com.swath.[Parameter](#)

Sets a double value.

[setDoubleRange\(double, double\)](#) - Method in class com.swath.[Parameter](#)

Sets the double value range.

[setErrorMsg\(String\)](#) - Static method in class com.swath.[Swath](#)

Sets the current error message.

[setFighterAmount\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum number of fighters to search for.

[setFighterOwner\(Identity\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for fighters with a specific owner.

[setFighterType\(int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the type of fighters to search for.

[setHelpText\(String\)](#) - Method in class com.swath.[Parameter](#)

Sets the help text for this parameter.

[setInteger\(int\)](#) - Method in class com.swath.[Parameter](#)

Sets an integer value.

[setIntegerRange\(int, int\)](#) - Method in class com.swath.[Parameter](#)

Sets the integer value range.

[setLimpetMines\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum number of limpet mines to search for.

[setLimpetOwner\(Identity\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for limpet mines with a specific owner.

[setMaxAmount\(int, int\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

Sets the maximum amount of a product to search for.

[setMaxPercentage\(int, int\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

Sets the maximum percentage of a product to search for.

[setMaxStringLength\(int\)](#) - Method in class com.swath.[Parameter](#)

Sets the maximum string length.

[setMinAmount\(int, int\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

Sets the minimum amount of a product to search for.

[setMinPercentage\(int, int\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

Sets the minimum percentage of a product to search for.

[setNavHaz\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum navigational hazard to search for.

[setPlanets\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for sectors with planets.

[setPortName\(String\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the port name to search for.

[setPortOption\(int, boolean\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

Sets if the port should be buying or selling a specific product.

[setPortType\(int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the port type to search for.

[setSectorNote\(String\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the sector note to search for.

[setSectorNote\(String\)](#) - Method in class com.swath.[Sector](#)

Sets the sector note.

[setShips\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for sectors with ships.

[setString\(String\)](#) - Method in class com.swath.[Parameter](#)

Sets a string value.

[setText\(String\)](#) - Method in class com.swath.[Parameter](#)

Sets the text for this parameter.

[SetTextMode](#) - class com.swath.cmd.[SetTextMode](#).

Set the current text mode.

[setTraders\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Search for sectors with traders.

[setType\(int\)](#) - Method in class com.swath.[Parameter](#)

Sets the type of this parameter.

[setWarps\(boolean, int\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

Sets the minimum or maximum number of warps to search for.

[SHIELDS](#) - Static variable in class com.swath.[Swath](#)

The index and identifier used for Shields.

[SHIELDS](#) - Static variable in class com.swath.cmd.[BuyItems](#)

The 'Shields' item type.

[shields\(\)](#) - Method in class com.swath.[Ship](#)

Gets the number of shields on the ship.

[shields\(\)](#) - Method in class com.swath.[Planet](#)

Gets the number of planetary shields. 1 planetary shield equals 10 normal shields.

[ship](#) - Static variable in class com.swath.[Swath](#)

Get your current ship information here.

[Ship](#) - class com.swath.[Ship](#).

This class represents a ship in TW.

[ship\(\)](#) - Method in class com.swath.[Trader](#)

Gets the trader's current ship.

[shipBaseCost\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the ship base cost for the ship category.

[ShipCategory](#) - class com.swath.[ShipCategory](#).

This class represents a ship category in TW.

[shipCategory\(\)](#) - Method in class com.swath.[Ship](#)

Gets the ship category.

[shipHullCost\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the ship hull cost for the ship category.

[ships\(\)](#) - Method in class com.swath.[Sector](#)

Gets all the unmanned ships in the sector.

[ShowDeployedFighters](#) - class com.swath.cmd.[ShowDeployedFighters](#).

Show deployed fighters.

[ShowPersonalPlanets](#) - class com.swath.cmd.[ShowPersonalPlanets](#).

Show personal planets.

[showUserParamWindow\(JPanel, int, int\)](#) - Method in class com.swath.[UserDefinedScript](#)

Displays a Swing window for UDS parameter input.

[showUserParamWindow\(Panel, int, int\)](#) - Method in class com.swath.[UserDefinedScript](#)

Displays an AWT window for UDS parameter input.

[ShowWhoIsPlaying](#) - class com.swath.cmd.[ShowWhoIsPlaying](#).

Show who is currently playing.

[ShutOffTractorBeam](#) - class com.swath.cmd.[ShutOffTractorBeam](#).

Shut off the tractor beam.

[size\(\)](#) - Method in class com.swath.[Bubble](#)

Gets the number of sectors behind the gate sector(s).

[sleep\(long\)](#) - Method in class com.swath.[UserDefinedScript](#)

Wait and sleep for a while.

[spaceName\(\)](#) - Method in class com.swath.[Sector](#)

Gets the name of the space that the sector occupies.

[STARDOCK_PROMPT](#) - Static variable in class com.swath.[Swath](#)

The StarDock prompt.

[stardock\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the StarDock location.

[status\(\)](#) - Method in class com.swath.[Sector](#)

Indicates if the sector is friendly, neutral or hostile to you.

[Steal](#) - class com.swath.cmd.[Steal](#).

Steal products from the port in the current sector.

[STRING](#) - Static variable in class com.swath.[Parameter](#)

The string value type.

[Swath](#) - class com.swath.[Swath](#).

This is the main SWATH class.

[swathPath\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the path to the SWATH installation.

[swathVersion\(\)](#) - Method in class com.swath.[MainInfo](#)

Gets the current SWATH version.

T

[TakeLeaveColonists](#) - class com.swath.cmd.[TakeLeaveColonists](#).

Take or leave colonists on the current planet.

[TakeLeaveCredits](#) - class com.swath.cmd.[TakeLeaveCredits](#).

Take or leave credits from/to the citadel treasury.

[TakeLeaveFighters](#) - class com.swath.cmd.[TakeLeaveFighters](#).

Take or leave fighters on the current planet.

[TakeLeaveProducts](#) - class com.swath.cmd.[TakeLeaveProducts](#).

Take and/or leave products on the current planet.

[TakeLeaveShields](#) - class com.swath.cmd.[TakeLeaveShields](#).

Take or leave shields from/to the planetary shield generator.

[timeOnline\(\)](#) - Method in class com.swath.[MainInfo](#)

Returns how long time SWATH has been connected to the current game server.

[TimeoutException](#) - exception com.swath.[TimeoutException](#).

Timeout exception.

Thrown when there is a timeout.

[TimeoutException\(\)](#) - Constructor for class com.swath.[TimeoutException](#)

[TimeoutException\(String\)](#) - Constructor for class com.swath.[TimeoutException](#)

[TOLL_FTRS](#) - Static variable in class com.swath.[Swath](#)

The toll fighter type.

[Tools](#) - class com.swath.[Tools](#).

This class contains help functions that can be useful when writing scripts.

[Tools.PortSearchParameters](#) - class com.swath.[Tools.PortSearchParameters](#).

This class contains parameters used when searching for ports and port pairs.

[Tools.PortSearchParameters\(\)](#) - Constructor for class com.swath.[Tools.PortSearchParameters](#)

[Tools.SectorSearchParameters](#) - class com.swath.[Tools.SectorSearchParameters](#).

This class contains parameters used when searching for sectors.

[Tools.SectorSearchParameters\(\)](#) - Constructor for class com.swath.[Tools.SectorSearchParameters](#)

[toString\(\)](#) - Method in class com.swath.[Parameter](#)

Returns a string representation of the parameter.

[toString\(\)](#) - Method in class com.swath.[Tools.SectorSearchParameters](#)

[toString\(\)](#) - Method in class com.swath.[Tools.PortSearchParameters](#)

[toString\(\)](#) - Method in class com.swath.[Ship](#)

[toString\(\)](#) - Method in class com.swath.[ShipCategory](#)

[toString\(\)](#) - Method in class com.swath.[Sector](#)

[toString\(\)](#) - Method in class com.swath.[Trader](#)

[toString\(\)](#) - Method in class com.swath.[Planet](#)

[toString\(\)](#) - Method in class com.swath.[PlanetClass](#)

[toString\(\)](#) - Method in class com.swath.[Corporation](#)

[toString\(\)](#) - Method in class com.swath.[Bubble](#)

[towingShip\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship is towing another ship or not.

[TowShip](#) - class com.swath.cmd.[TowShip](#).

Tow a ship in the current sector.

[Trade](#) - class com.swath.cmd.[Trade](#).

Trade at the port in the current sector.

[Trader](#) - class com.swath.[Trader](#).

This class represents a trader in TW.

[traders\(\)](#) - Method in class com.swath.[Sector](#)

Gets all the traders in the sector.

[Transport](#) - class com.swath.cmd.[Transport](#).

Transport to another ship.

[transportRange\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the range of the transporter for the ship category.

[transportRange\(\)](#) - Method in class com.swath.[Planet](#)

Gets the current planet transporter range.

[TransWarp](#) - class com.swath.cmd.[TransWarp](#).

TransWarp your ship to another sector.

[transWarpDrive\(\)](#) - Method in class com.swath.[Ship](#)

Indicates if the ship has a TransWarp drive or not and gets the type of TransWarp drive if the ship has one.

[transWarpDrive\(\)](#) - Method in class com.swath.[ShipCategory](#)

Indicates if the ship category can have a TransWarp drive or not.

[treasury\(\)](#) - Method in class com.swath.[Planet](#)

Gets the amount of credits in the planet treasury.

[turns\(\)](#) - Method in class com.swath.[Trader](#)

Gets the number of turns that the trader has left.

[turns2warp\(\)](#) - Method in class com.swath.[Ship](#)

Gets the current number of turns the ship needs to warp.

[turnsPerWarp\(\)](#) - Method in class com.swath.[ShipCategory](#)

Gets the number of turns per warp for the ship category.

[TWO_SHIP_TW_DRIVE](#) - Static variable in class com.swath.cmd.**[BuyItems](#)**

The 'Two Ship TransWarp Drive' item type.

[TWO_SHIP_TWD](#) - Static variable in class com.swath.**[Ship](#)**

The ship has a TransWarp drive for two ships.

[twoShipTransWarpRange\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets the current range of a two ship TransWarp.

[TYPE_ABORT_RETRY_IGNORE](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Abort-Retry-Ignore' message box.

[TYPE_BLACK_HOLE](#) - Static variable in class com.swath.**[Bubble](#)**

This is a black hole.

[TYPE_DEAD_END](#) - Static variable in class com.swath.**[Bubble](#)**

This is a dead end/tunnel.

[TYPE_ERROR](#) - Static variable in class com.swath.cmd.**[UserAlert](#)**

'Error' user alert.

[TYPE_INFORMATION](#) - Static variable in class com.swath.cmd.**[UserAlert](#)**

'Information' user alert.

[TYPE_NORMAL](#) - Static variable in class com.swath.**[Bubble](#)**

This is a normal bubble.

[TYPE_OK](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Ok' message box.

[TYPE_OK_CANCEL](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Ok-Cancel' message box.

[TYPE_RETRY_CANCEL](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Retry-Cancel' message box.

[TYPE_WARNING](#) - Static variable in class com.swath.cmd.**[UserAlert](#)**

'Warning' user alert.

[TYPE_YES_NO](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Yes-No' message box.

[TYPE_YES_NO_CANCEL](#) - Static variable in class com.swath.cmd.**[MessageBox](#)**

'Yes-No-Cancel' message box.

[type\(\)](#) - Method in class com.swath.**[Ship](#)**

Gets the type of the ship.

[type\(\)](#) - Method in class com.swath.**[ShipCategory](#)**

Gets the ship type.

[type\(\)](#) - Method in class com.swath.**[Planet](#)**

Gets the type of the planet.

[type\(\)](#) - Method in class com.swath.**[PlanetClass](#)**

Gets the planet type.

[type\(\)](#) - Method in class com.swath.**[Bubble](#)**

Gets the bubble type.

U

[UNKNOWN](#) - Static variable in class com.swath.[Swath](#)

Indicates 'Unknown'.

[upgradeAmountsNeeded\(\)](#) - Method in class com.swath.[Planet](#)

Gets the upgrade amount for each product type and the number of colonists needed for upgrading the planet to the next level.

[UpgradePlanet](#) - class com.swath.cmd.[UpgradePlanet](#).

Upgrades the current planet to the next level if possible.

[UpgradePort](#) - class com.swath.cmd.[UpgradePort](#).

Upgrades the port in the current sector.

[upgradeStatus\(\)](#) - Method in class com.swath.[Planet](#)

Gets the current upgrade status of the planet.

[user\(\)](#) - Method in class com.swath.[Ship](#)

Gets the current user of the ship.

[UserAbortException](#) - exception com.swath.[UserAbortException](#).

User abort exception.

Thrown if the user aborted the current script/command.

[UserAbortException\(\)](#) - Constructor for class com.swath.[UserAbortException](#)

[UserAbortException\(String\)](#) - Constructor for class com.swath.[UserAbortException](#)

[UserAlert](#) - class com.swath.cmd.[UserAlert](#).

Display a user alert in the terminal and SWATH console window.

[UserDefinedScript](#) - class com.swath.[UserDefinedScript](#).

User Defined Script base class.

[UserDefinedScript\(\)](#) - Constructor for class com.swath.[UserDefinedScript](#)

Constructor.

V

[VisualMap](#) - class com.swath.cmd.[VisualMap](#).

Control the Visual Map.

W

[WaitForEvent](#) - class com.swath.cmd.[WaitForEvent](#).

Wait for specific event(s).

[WaitForPrompt](#) - class com.swath.cmd.[WaitForPrompt](#).

Wait for specific TW prompt(s).

[WaitForText](#) - class com.swath.cmd.[WaitForText](#).

Wait for specific text(s) from TW.

[warps\(\)](#) - Method in class com.swath.[Sector](#)

Gets the number of warps from this sector.

[warpSectors\(\)](#) - Method in class com.swath.[Sector](#)

Gets the sectors you can warp to from this sector.

[WITH_YOU](#) - Static variable in class com.swath.[Swath](#)

The trader/corp is playing together with you.

Y

[YES](#) - Static variable in class com.swath.[Swath](#)

Indicates 'Yes'.

[you](#) - Static variable in class com.swath.[Swath](#)

Get your own trader information here.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [Y](#)

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How This API Document Is Organized

This API (Application Programming Interface) document has pages corresponding to the items in the navigation bar, described as follows.

Overview

The [Overview](#) page is the front page of this API document and provides a list of all packages with a summary for each. This page can also contain an overall description of the set of packages.

Package

Each package has a page that contains a list of its classes and interfaces, with a summary for each. This page can contain four categories:

- Interfaces (*italic*)
- Classes
- Exceptions
- Errors

Class/Interface

Each class, interface, inner class and inner interface has its own separate page. Each of these pages has three sections consisting of a class/interface description, summary tables, and detailed member descriptions:

- Class inheritance diagram
 - Direct Subclasses
 - All Known Subinterfaces
 - All Known Implementing Classes
 - Class/interface declaration
 - Class/interface description
-
- Inner Class Summary

- Field Summary
 - Constructor Summary
 - Method Summary
-
- Field Detail
 - Constructor Detail
 - Method Detail

Each summary entry contains the first sentence from the detailed description for that item. The summary entries are alphabetical, while the detailed descriptions are in the order they appear in the source code. This preserves the logical groupings established by the programmer.

Tree (Class Hierarchy)

There is a [Class Hierarchy](#) page for all packages, plus a hierarchy for each package. Each hierarchy page contains a list of classes and a list of interfaces. The classes are organized by inheritance structure starting with `java.lang.Object`. The interfaces do not inherit from `java.lang.Object`.

- When viewing the Overview page, clicking on "Tree" displays the hierarchy for all packages.
- When viewing a particular package, class or interface page, clicking "Tree" displays the hierarchy for only that package.

Deprecated API

The [Deprecated API](#) page lists all of the API that have been deprecated. A deprecated API is not recommended for use, generally due to improvements, and a replacement API is usually given. Deprecated APIs may be removed in future implementations.

Index

The [Index](#) contains an alphabetic list of all classes, interfaces, constructors, methods, and fields.

Prev/Next

These links take you to the next or previous class, interface, package, or related page.

Frames/No Frames

These links show and hide the HTML frames. All pages are available with or without frames.

Serialized Form

Each serializable or externalizable class has a description of its serialization fields and methods. This information is of interest to re-implementors, not to developers using the API. While there is no link in the navigation bar, you can get to this information by going to any serialized class and clicking "Serialized Form" in the "See also" section of the class description.

This help file applies to API documentation generated using the standard doclet.

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Hierarchy For Package com.swath.cmd

Package Hierarchies:

[All Packages](#)

Class Hierarchy

- class java.lang.Object
 - class com.swath.[Info](#)
 - class com.swath.cmd.SwathCommand (implements com.swath.[CommandIfc](#))
 - class com.swath.cmd.[ActiveShipScan](#)
 - class com.swath.cmd.[AttackPort](#)
 - class com.swath.cmd.[AttackShip](#)
 - class com.swath.cmd.[AttackTrader](#)
 - class com.swath.cmd.[BlowUpPlanet](#)
 - class com.swath.cmd.[BuyItems](#)
 - class com.swath.cmd.[BuyShip](#)
 - class com.swath.cmd.[ChangePersonalSettings](#)
 - class com.swath.cmd.[ChangeShipSettings](#)
 - class com.swath.cmd.[CIMDownload](#)
 - class com.swath.cmd.[ClaimPlanet](#)
 - class com.swath.cmd.[ClearAvoidedSectors](#)
 - class com.swath.cmd.[Connect](#)
 - class com.swath.cmd.[Disconnect](#)
 - class com.swath.cmd.[DisplayCurrentInfo](#)
 - class com.swath.cmd.[DisplaySector](#)
 - class com.swath.cmd.[DropTakeFighters](#)
 - class com.swath.cmd.[DropTakeMines](#)
 - class com.swath.cmd.[EnterCitadel](#)
 - class com.swath.cmd.[EnterComputer](#)
 - class com.swath.cmd.[EnterTW](#)
 - class com.swath.cmd.[FirePhotonMissile](#)

- class com.swath.cmd.[GetAvoidedSectors](#)
- class com.swath.cmd.[GetColonists](#)
- class com.swath.cmd.[JettisonCargo](#)
- class com.swath.cmd.[Land](#)
- class com.swath.cmd.[LandOnStarDock](#)
- class com.swath.cmd.[LaunchEtherProbe](#)
- class com.swath.cmd.[LaunchGenesisTorpedo](#)
- class com.swath.cmd.[LaunchMineDisruptor](#)
- class com.swath.cmd.[LeaveCitadel](#)
- class com.swath.cmd.[LeaveComputer](#)
- class com.swath.cmd.[LeaveStarDock](#)
- class com.swath.cmd.[LiftOff](#)
- class com.swath.cmd.[MakeAnnouncement](#)
- class com.swath.cmd.[MessageBox](#)
- class com.swath.cmd.[Move](#)
- class com.swath.cmd.[MoveColonists](#)
- class com.swath.cmd.[PlanetaryTrade](#)
- class com.swath.cmd.[PlanetTransport](#)
- class com.swath.cmd.[PlanetWarp](#)
- class com.swath.cmd.[PlotCourse](#)
- class com.swath.cmd.[PortReport](#)
- class com.swath.cmd.[PrintText](#)
- class com.swath.cmd.[PrintTrace](#)
- class com.swath.cmd.[QuitTW](#)
- class com.swath.cmd.[ReEnterTW](#)
- class com.swath.cmd.[ReleaseBeacon](#)
- class com.swath.cmd.[Rob](#)
- class com.swath.cmd.[ScanSector](#)
- class com.swath.cmd.[SellShip](#)
- class com.swath.cmd.[SendFedCommMessage](#)
- class com.swath.cmd.[SendMacro](#)
- class com.swath.cmd.[SendPrivateMessage](#)
- class com.swath.cmd.[SendSSRadioMessage](#)
- class com.swath.cmd.[SendString](#)
- class com.swath.cmd.[SetAvoidedSectors](#)
- class com.swath.cmd.[SetTextMode](#)
- class com.swath.cmd.[ShowDeployedFighters](#)
- class com.swath.cmd.[ShowPersonalPlanets](#)

- class com.swath.cmd.[ShowWhoIsPlaying](#)
- class com.swath.cmd.[ShutOffTractorBeam](#)
- class com.swath.cmd.[Steal](#)
- class com.swath.cmd.[TakeLeaveColonists](#)
- class com.swath.cmd.[TakeLeaveCredits](#)
- class com.swath.cmd.[TakeLeaveFighters](#)
- class com.swath.cmd.[TakeLeaveProducts](#)
- class com.swath.cmd.[TakeLeaveShields](#)
- class com.swath.cmd.[TowShip](#)
- class com.swath.cmd.[Trade](#)
- class com.swath.cmd.[Transport](#)
- class com.swath.cmd.[TransWarp](#)
- class com.swath.cmd.[UpgradePlanet](#)
- class com.swath.cmd.[UpgradePort](#)
- class com.swath.cmd.[UserAlert](#)
- class com.swath.cmd.[WaitForEvent](#)
- class com.swath.cmd.[WaitForPrompt](#)
- class com.swath.cmd.[WaitForText](#)
- class com.swath.cmd.[VisualMap](#)

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Serialized Form

Package com.swath

Class [com.swath.CommandException](#) implements **Serializable**

Serialized Fields

m_command

[CommandIfc](#) m_command

Class [com.swath.DisconnectedException](#) implements **Serializable**

Class [com.swath.ScriptException](#) implements **Serializable**

Class [com.swath.TimeoutException](#) implements **Serializable**

Class [com.swath.UserAbortException](#) implements **Serializable**

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Hierarchy For All Packages

Package Hierarchies:

[com.swath](#), [com.swath.cmd](#)

Class Hierarchy

- class java.lang.Object
 - class com.swath.[Info](#)
 - class com.swath.[Bubble](#)
 - class com.swath.[Identity](#) (implements java.lang.Cloneable)
 - class com.swath.[Corporation](#)
 - class com.swath.[Trader](#)
 - class com.swath.[MainInfo](#)
 - class com.swath.[Planet](#)
 - class com.swath.[PlanetClass](#)
 - class com.swath.[Sector](#)
 - class com.swath.[Ship](#)
 - class com.swath.[ShipCategory](#)
 - class com.swath.cmd.SwathCommand (implements com.swath.[CommandIfc](#))
 - class com.swath.cmd.[ActiveShipScan](#)
 - class com.swath.cmd.[AttackPort](#)
 - class com.swath.cmd.[AttackShip](#)
 - class com.swath.cmd.[AttackTrader](#)
 - class com.swath.cmd.[BlowUpPlanet](#)
 - class com.swath.cmd.[BuyItems](#)
 - class com.swath.cmd.[BuyShip](#)
 - class com.swath.cmd.[ChangePersonalSettings](#)
 - class com.swath.cmd.[ChangeShipSettings](#)
 - class com.swath.cmd.[CIMDownload](#)
 - class com.swath.cmd.[ClaimPlanet](#)
 - class com.swath.cmd.[ClearAvoidedSectors](#)

- class com.swath.cmd.[Connect](#)
- class com.swath.cmd.[Disconnect](#)
- class com.swath.cmd.[DisplayCurrentInfo](#)
- class com.swath.cmd.[DisplaySector](#)
- class com.swath.cmd.[DropTakeFighters](#)
- class com.swath.cmd.[DropTakeMines](#)
- class com.swath.cmd.[EnterCitadel](#)
- class com.swath.cmd.[EnterComputer](#)
- class com.swath.cmd.[EnterTW](#)
- class com.swath.cmd.[FirePhotonMissile](#)
- class com.swath.cmd.[GetAvoidedSectors](#)
- class com.swath.cmd.[GetColonists](#)
- class com.swath.cmd.[JettisonCargo](#)
- class com.swath.cmd.[Land](#)
- class com.swath.cmd.[LandOnStarDock](#)
- class com.swath.cmd.[LaunchEtherProbe](#)
- class com.swath.cmd.[LaunchGenesisTorpedo](#)
- class com.swath.cmd.[LaunchMineDisruptor](#)
- class com.swath.cmd.[LeaveCitadel](#)
- class com.swath.cmd.[LeaveComputer](#)
- class com.swath.cmd.[LeaveStarDock](#)
- class com.swath.cmd.[LiftOff](#)
- class com.swath.cmd.[MakeAnnouncement](#)
- class com.swath.cmd.[MessageBox](#)
- class com.swath.cmd.[Move](#)
- class com.swath.cmd.[MoveColonists](#)
- class com.swath.cmd.[PlanetaryTrade](#)
- class com.swath.cmd.[PlanetTransport](#)
- class com.swath.cmd.[PlanetWarp](#)
- class com.swath.cmd.[PlotCourse](#)
- class com.swath.cmd.[PortReport](#)
- class com.swath.cmd.[PrintText](#)
- class com.swath.cmd.[PrintTrace](#)
- class com.swath.cmd.[QuitTW](#)
- class com.swath.cmd.[ReEnterTW](#)
- class com.swath.cmd.[ReleaseBeacon](#)
- class com.swath.cmd.[Rob](#)
- class com.swath.cmd.[ScanSector](#)

- class com.swath.cmd.[SellShip](#)
- class com.swath.cmd.[SendFedCommMessage](#)
- class com.swath.cmd.[SendMacro](#)
- class com.swath.cmd.[SendPrivateMessage](#)
- class com.swath.cmd.[SendSSRadioMessage](#)
- class com.swath.cmd.[SendString](#)
- class com.swath.cmd.[SetAvoidedSectors](#)
- class com.swath.cmd.[SetTextMode](#)
- class com.swath.cmd.[ShowDeployedFighters](#)
- class com.swath.cmd.[ShowPersonalPlanets](#)
- class com.swath.cmd.[ShowWhoIsPlaying](#)
- class com.swath.cmd.[ShutOffTractorBeam](#)
- class com.swath.cmd.[Steal](#)
- class com.swath.cmd.[TakeLeaveColonists](#)
- class com.swath.cmd.[TakeLeaveCredits](#)
- class com.swath.cmd.[TakeLeaveFighters](#)
- class com.swath.cmd.[TakeLeaveProducts](#)
- class com.swath.cmd.[TakeLeaveShields](#)
- class com.swath.cmd.[TowShip](#)
- class com.swath.cmd.[Trade](#)
- class com.swath.cmd.[Transport](#)
- class com.swath.cmd.[TransWarp](#)
- class com.swath.cmd.[UpgradePlanet](#)
- class com.swath.cmd.[UpgradePort](#)
- class com.swath.cmd.[UserAlert](#)
- class com.swath.cmd.[WaitForEvent](#)
- class com.swath.cmd.[WaitForPrompt](#)
- class com.swath.cmd.[WaitForText](#)
- class com.swath.cmd.[VisualMap](#)
- class com.swath.[Parameter](#)
- class com.swath.[Swath](#)
- class java.lang.Throwable (implements java.io.Serializable)
 - class java.lang.Exception
 - class com.swath.SwathException
 - class com.swath.[CommandException](#)
 - class com.swath.[DisconnectedException](#)
 - class com.swath.[ScriptException](#)
 - class com.swath.[TimeoutException](#)
 - class com.swath.[UserAbortException](#)

- class com.swath.[Tools](#)
- class com.swath.[Tools.PortSearchParameters](#) (implements java.lang.Cloneable)
- class com.swath.[Tools.SectorSearchParameters](#) (implements java.lang.Cloneable)
- class com.swath.[UserDefinedScript](#)
 - class [ExampleScript1](#)
 - class [ExampleScript2](#)
 - class [ExampleScript3](#)
 - class [ExampleScript4](#)
 - class [ExampleScript5](#)
 - class [ExampleScript6](#)

Interface Hierarchy

- interface com.swath.[ActionIfc](#)
- interface com.swath.[CommandIfc](#)
- interface com.swath.[EventIfc](#)

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