

jTemperature

0.2.8

Walter DAL MUT - info@walterdalmut.com

Sun Feb 15 18:45:26 2009

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Chapter 1

Namespace Index

1.1 Package List

Here are the packages with brief descriptions (if available):

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com.walterdalmut.graphics	13
com.walterdalmut.translation	14
com.walterdalmut.upgrade	15
com.walterdalmut.xmlrpc	16

Chapter 2

Class Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

com.walterdalmut.graphics.ChartWindow	17
com.walterdalmut.configs.GeneralConfigs	21
com.walterdalmut.exceptions.JTemperatureException	27
com.walterdalmut.exceptions.JTemperatureConnectionException	24
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com.walterdalmut.xmlrpc.Sample	31
com.walterdalmut.graphics.SysTray	34
com.walterdalmut.translation.Translator	36
com.walterdalmut.upgrade.UpgradeSystem	38
com.walterdalmut.graphics.UpgradeSystemWindow	39
com.walterdalmut.xmlrpc.XmlRpcController	41

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

com.walterdalmut.graphics.ChartWindow	17
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com.walterdalmut.xmlrpc.Sample	31
com.walterdalmut.graphics.SysTray (Main class for use and check the system)	34
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com.walterdalmut.graphics.UpgradeSystemWindow (Upgrade system)	39
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Chapter 4

File Index

4.1 File List

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Chapter 5

Namespace Documentation

5.1 Package com

Packages

- package [walterdalmut](#)

5.2 Package com.walterdalmut

Packages

- package [configs](#)
- package [exceptions](#)
- package [graphics](#)
- package [translation](#)
- package [upgrade](#)
- package [xmlrpc](#)

5.3 Package com.walterdalmut.configs

Classes

- class [GeneralConfigs](#)
Utility for pick up base information.

5.4 Package com.walterdalmut.exceptions

Classes

- class [JTemperatureConnectionException](#)
Exception for handling connection problems.
- class [JTemperatureException](#)
Class for handling the Exception during the execution.
- class [JTemperatureWebServiceException](#)

5.5 Package com.walterdalmut.graphics

Classes

- class [ChartWindow](#)
- class [SysTray](#)
Main class for use and check the system.
- class [UpgradeSystemWindow](#)
Upgrade system.

5.6 Package com.walterdalmut.translation

Classes

- class [Translator](#)

This class use the correct language for messages.

5.7 Package com.walterdalmut.upgrade

Classes

- class [UpgradeSystem](#)

5.8 Package com.walterdalmut.xmlrpc

Classes

- class [Sample](#)
- class [XmlRpcController](#)

Class for control the XML RPC connection and use.

Chapter 6

Class Documentation

6.1 com.walterdalmut.graphics.ChartWindow Class Reference

Inherits java:awt:event::FocusListener.

Public Member Functions

- [ChartWindow](#) (String [title](#)) throws JTemperatureException
- void [initComponents](#) (List< [Sample](#) > samples) throws JTemperatureException
- void [focusGained](#) (FocusEvent arg0)
- void [focusLost](#) (FocusEvent arg0)

Static Public Member Functions

- static void [main](#) (String args[]) throws JTemperatureException

Private Attributes

- JPanel [panel](#)
- String[] [xAxisLabels](#)
- double[][] [data](#)
- DataSeries [dataSeries](#)
- Paint[] [paints](#)
- String[] [legendLabels](#)
- String [xAxisTitle](#) = locale.translate("s22")
- String [yAxisTitle](#) = locale.translate("s23")
- String [title](#) = locale.translate("s24")
- Stroke[] [strokes](#) = new Stroke[3]
- Shape[] [shapes](#) = { PointChartProperties.SHAPE_CIRCLE, PointChartProperties.SHAPE_DIAMOND, PointChartProperties.SHAPE_SQUARE }
- LineChartProperties [lineChartProperties](#) = new LineChartProperties([strokes](#), [shapes](#))
- AxisChart [axisChart](#) = null
- AxisChartDataSet [axisChartDataSet](#)
- ChartProperties [chartProperties](#)
- AxisProperties [axisProperties](#)
- LegendProperties [legendProperties](#)

Static Private Attributes

- static final long `serialVersionUID` = 1L
- static `Translator locale` = new `Translator()`

6.1.1 Constructor & Destructor Documentation

6.1.1.1 `com.walterdalmut.graphics.ChartWindow.ChartWindow (String title)` throws `JTemperatureException`

6.1.2 Member Function Documentation

6.1.2.1 `void com.walterdalmut.graphics.ChartWindow.focusGained (FocusEvent arg0)`

6.1.2.2 `void com.walterdalmut.graphics.ChartWindow.focusLost (FocusEvent arg0)`

6.1.2.3 `void com.walterdalmut.graphics.ChartWindow.initComponents (List< Sample > samples)` throws `JTemperatureException`

6.1.2.4 `static void com.walterdalmut.graphics.ChartWindow.main (String args[])` throws `JTemperatureException` [`static`]

Exceptions:

PropertyException

ChartDataException *****

6.1.3 Member Data Documentation

- 6.1.3.1 **AxisChart** com.walterdalmut.graphics.ChartWindow.axisChart = null [private]
- 6.1.3.2 **AxisChartDataSet** com.walterdalmut.graphics.ChartWindow.axisChartDataSet [private]
- 6.1.3.3 **AxisProperties** com.walterdalmut.graphics.ChartWindow.axisProperties [private]
- 6.1.3.4 **ChartProperties** com.walterdalmut.graphics.ChartWindow.chartProperties [private]
- 6.1.3.5 **double [][]** com.walterdalmut.graphics.ChartWindow.data [private]
- 6.1.3.6 **DataSeries** com.walterdalmut.graphics.ChartWindow.dataSeries [private]
- 6.1.3.7 **String []** com.walterdalmut.graphics.ChartWindow.legendLabels [private]
- 6.1.3.8 **LegendProperties** com.walterdalmut.graphics.ChartWindow.legendProperties [private]
- 6.1.3.9 **LineChartProperties** com.walterdalmut.graphics.ChartWindow.lineChartProperties = new LineChartProperties(strokes, shapes) [private]
- 6.1.3.10 **Translator** com.walterdalmut.graphics.ChartWindow.locale = new Translator() [static, private]
- 6.1.3.11 **Paint []** com.walterdalmut.graphics.ChartWindow.paints [private]
- 6.1.3.12 **JPanel** com.walterdalmut.graphics.ChartWindow.panel [private]
- 6.1.3.13 **final long** com.walterdalmut.graphics.ChartWindow.serialVersionUID = 1L [static, private]
- 6.1.3.14 **Shape []** com.walterdalmut.graphics.ChartWindow.shapes = { PointChartProperties.SHAPE_CIRCLE, PointChartProperties.SHAPE_DIAMOND, PointChartProperties.SHAPE_SQUARE } [private]
- 6.1.3.15 **Stroke []** com.walterdalmut.graphics.ChartWindow.strokes = new Stroke[3] [private]
- 6.1.3.16 **String** com.walterdalmut.graphics.ChartWindow.title = locale.translate("s24") [private]
- 6.1.3.17 **String []** com.walterdalmut.graphics.ChartWindow.xAxisLabels [private]
- 6.1.3.18 **String** com.walterdalmut.graphics.ChartWindow.xAxisTitle = locale.translate("s22") [private]
- 6.1.3.19 **String** com.walterdalmut.graphics.ChartWindow.yAxisTitle = locale.translate("s23") [private]

The documentation for this class was generated from the following file:

- [ChartWindow.java](#)

6.2 com.walterdalmut.configs.GeneralConfigs Class Reference

Utility for pick up base information.

Static Public Attributes

- static final String `hostname` = "openid.walterdalmut.com"
The hostname which the system use for connect and doing other thing.
- static final String `author` = "Walter Dal Mut"
The name of the Author or groups.
- static final String `version` = "0.2.8"
The number of version which it's in develop.
- static final String `xmlRpcServer` = "http://" + GeneralConfigs.hostname + "/weatherwebservice/xmlserver/index"

The URL of XML RPC server.
- static final String `remoteUpgradeUrl` = "http://" + GeneralConfigs.hostname + "/jTemperature/upgradeSystem/"
- static final String `remoteProperties` = GeneralConfigs.remoteUpgradeUrl + "default.properties"
- static final String `versionName` = "Ice Wind"
The version name.
- static final String `upgradeSystem` = "upgradeSystem.jar"
Command for start the upgrade system.
- static final String `programName` = "temperature.jar"
- static final String `remoteLastVersionProgram` = GeneralConfigs.remoteUpgradeUrl + GeneralConfigs.programName
- static final String `localExecutionDirectory` = System.getenv("appdata") + System.getProperty("file.separator")
The directory of jTemperature local execution.
- static final String `localExecutionProgram` = GeneralConfigs.localExecutionDirectory + GeneralConfigs.programName
- static final String `localExecutionUpgradeSystem` = GeneralConfigs.localExecutionDirectory + GeneralConfigs.upgradeSystem

6.2.1 Detailed Description

Utility for pick up base information.

Author:

Walter Dal Mut

Since:

0.0.1

6.2.2 Member Data Documentation

6.2.2.1 `final String com.walterdalmut.configs.GeneralConfigs.author = "Walter Dal Mut"`
[static]

The name of the Author or groups.

6.2.2.2 `final String com.walterdalmut.configs.GeneralConfigs.hostname = "openid.walterdalmut.com"` [static]

The hostname which the system use for connect and doing other thing.

6.2.2.3 `final String com.walterdalmut.configs.GeneralConfigs.localExecutionDirectory = System.getenv("appdata") + System.getProperty("file.separator")` [static]

The directory of jTemperature local execution.

With final separator. Eg c:\

6.2.2.4 `final String com.walterdalmut.configs.GeneralConfigs.localExecutionProgram = GeneralConfigs.localExecutionDirectory + GeneralConfigs.programName` [static]

6.2.2.5 `final String com.walterdalmut.configs.GeneralConfigs.localExecutionUpgradeSystem = GeneralConfigs.localExecutionDirectory + GeneralConfigs.upgradeSystem` [static]

6.2.2.6 `final String com.walterdalmut.configs.GeneralConfigs.programName = "temperature.jar"`
[static]

6.2.2.7 `final String com.walterdalmut.configs.GeneralConfigs.remoteLastVersionProgram = GeneralConfigs.remoteUpgradeUrl+GeneralConfigs.programName` [static]

6.2.2.8 `final String com.walterdalmut.configs.GeneralConfigs.remoteProperties = GeneralConfigs.remoteUpgradeUrl+"default.properties"` [static]

6.2.2.9 `final String com.walterdalmut.configs.GeneralConfigs.remoteUpgradeUrl = "http://" + GeneralConfigs.hostname + "/jTemperature/upgradeSystem/"` [static]

6.2.2.10 `final String com.walterdalmut.configs.GeneralConfigs.upgradeSystem = "upgradeSystem.jar"` [static]

Command for start the [upgrade](#) system.

6.2.2.11 `final String com.walterdalmut.configs.GeneralConfigs.version = "0.2.8"` [static]

The number of version which it's in develop.

6.2.2.12 `final String com.walterdalmut.configs.GeneralConfigs.versionName = "Ice Wind"`
[static]

The version name.

```
6.2.2.13 final String com.walterdalmut.configs.GeneralConfigs.xmlRpcServer =  
    "http://" + GeneralConfigs.hostname + "/weatherwebservice/xmlserver/index"  
    [static]
```

The URL of XML RPC server.

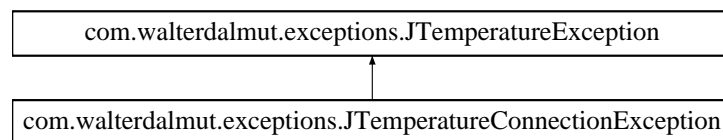
The documentation for this class was generated from the following file:

- [GeneralConfigs.java](#)

6.3 com.walterdalmut.exceptions.JTemperatureConnectionException Class Reference

Exception for handling connection problems.

Inheritance diagram for com.walterdalmut.exceptions.JTemperatureConnectionException::



Public Member Functions

- [JTemperatureConnectionException](#) (Exception e)
Exception for handling connection problems.
- [JTemperatureConnectionException](#) (String message)
Constructor with personal message for connection problem.
- [JTemperatureConnectionException](#) (Exception e, String message)
Constructor for exception and personal message.
- String [toString](#) ()
Override the toString function for translate the class in String Object.

Private Attributes

- String [message](#)
Personal message.

Static Private Attributes

- static final long [serialVersionUID](#) = 1L
Serial Version UID.

6.3.1 Detailed Description

Exception for handling connection problems.

Author:

Walter Dal Mut

Since:

0.0.7

6.3.2 Constructor & Destructor Documentation

6.3.2.1 `com.walterdalmut.exceptions.JTemperatureConnectionException.JTemperatureConnectionException` (Exception *e*)

Exception for handling connection problems.

Parameters:

e Exception in input

6.3.2.2 `com.walterdalmut.exceptions.JTemperatureConnectionException.JTemperatureConnectionException` (String *message*)

Constructor with personal message for connection problem.

Parameters:

message Message that you want use.

6.3.2.3 `com.walterdalmut.exceptions.JTemperatureConnectionException.JTemperatureConnectionException` (Exception *e*, String *message*)

Constructor for exception and personal message.

Parameters:

e The exception

message The message

6.3.3 Member Function Documentation

6.3.3.1 String `com.walterdalmut.exceptions.JTemperatureConnectionException.toString` ()

Override the `toString` function for translate the class in String Object.

Reimplemented from [com.walterdalmut.exceptions.JTemperatureException](#).

6.3.4 Member Data Documentation

6.3.4.1 String `com.walterdalmut.exceptions.JTemperatureConnectionException.message` [private]

Personal message.

Reimplemented from [com.walterdalmut.exceptions.JTemperatureException](#).

6.3.4.2 final long

com.waltermut.exceptions.JTemperatureConnectionException.serialVersionUID = 1L
[static, private]

Serial Version UID.

Reimplemented from [com.waltermut.exceptions.JTemperatureException](#).

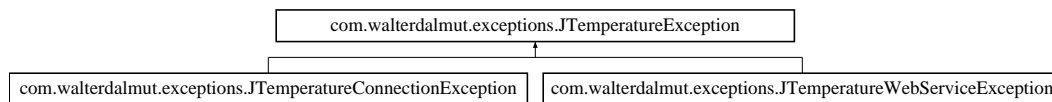
The documentation for this class was generated from the following file:

- [JTemperatureConnectionException.java](#)

6.4 com.walterdalmut.exceptions.JTemperatureException Class Reference

Class for handling the Exception during the execution.

Inheritance diagram for com.walterdalmut.exceptions.JTemperatureException::



Public Member Functions

- [JTemperatureException \(\)](#)
Base constructor.
- [JTemperatureException \(Exception e\)](#)
- [JTemperatureException \(String message\)](#)
The constructor with message in input.
- [String toString \(\)](#)
Override the toString function for translate the class in String Object.

Private Attributes

- String [message](#)

Static Private Attributes

- static final long [serialVersionUID](#) = 1L

6.4.1 Detailed Description

Class for handling the Exception during the execution.

Author:

Walter Dal Mut

6.4.2 Constructor & Destructor Documentation

6.4.2.1 com.walterdalmut.exceptions.JTemperatureException.JTemperatureException ()

Base constructor.

See also:

[JTemperatureException](#) with String input parameters

6.4.2.2 `com.waltermut.exceptions.JTemperatureException.JTemperatureException (Exception e)`

6.4.2.3 `com.waltermut.exceptions.JTemperatureException.JTemperatureException (String message)`

The constructor with message in input.

Parameters:

message String A String which contain the message of exception

6.4.3 Member Function Documentation

6.4.3.1 String `com.waltermut.exceptions.JTemperatureException.toString ()`

Override the toString function for translate the class in String Object.

Reimplemented in [com.waltermut.exceptions.JTemperatureConnectionException](#), and [com.waltermut.exceptions.JTemperatureWebServiceException](#).

6.4.4 Member Data Documentation

6.4.4.1 String `com.waltermut.exceptions.JTemperatureException.message` [private]

Reimplemented in [com.waltermut.exceptions.JTemperatureConnectionException](#), and [com.waltermut.exceptions.JTemperatureWebServiceException](#).

6.4.4.2 final long `com.waltermut.exceptions.JTemperatureException serialVersionUID = 1L` [static, private]

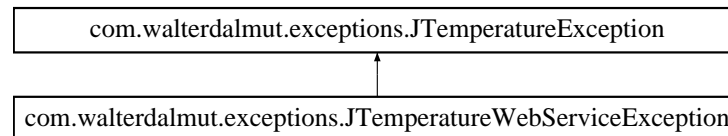
Reimplemented in [com.waltermut.exceptions.JTemperatureConnectionException](#), and [com.waltermut.exceptions.JTemperatureWebServiceException](#).

The documentation for this class was generated from the following file:

- [JTemperatureException.java](#)

6.5 com.walterdalmut.exceptions.JTemperatureWebServiceException Class Reference

Inheritance diagram for com.walterdalmut.exceptions.JTemperatureWebServiceException::



Public Member Functions

- [JTemperatureWebServiceException](#) (Exception *e*)
Constructor for Web Service Exceptions.
- [JTemperatureWebServiceException](#) (String *message*)
- [JTemperatureWebServiceException](#) (Exception *e*, String *forUser*)
- String [toString](#) ()
Override the toString function for translate the class in String Object.

Private Attributes

- String [message](#)
Message for user.

Static Private Attributes

- static final long [serialVersionUID](#) = 1L
Serial Version UID.

6.5.1 Constructor & Destructor Documentation

6.5.1.1 com.walterdalmut.exceptions.JTemperatureWebServiceException.JTemperatureWebServiceException (Exception *e*)

Constructor for Web Service Exceptions.

Typically this exception is throw on XML errors like on parse error

Parameters:

- e* Exception to examine

6.5.1.2 `com.walterdalmut.exceptions.JTemperatureWebServiceException.JTemperatureWebServiceException`
(String *message*)

6.5.1.3 `com.walterdalmut.exceptions.JTemperatureWebServiceException.JTemperatureWebServiceException`
(Exception *e*, String *forUser*)

6.5.2 Member Function Documentation

6.5.2.1 String `com.walterdalmut.exceptions.JTemperatureWebServiceException.toString ()`

Override the toString function for translate the class in String Object.

Reimplemented from [com.walterdalmut.exceptions.JTemperatureException](#).

6.5.3 Member Data Documentation

6.5.3.1 String `com.walterdalmut.exceptions.JTemperatureWebServiceException.message`
[private]

Message for user.

Reimplemented from [com.walterdalmut.exceptions.JTemperatureException](#).

6.5.3.2 final long
`com.walterdalmut.exceptions.JTemperatureWebServiceException.serialVersionUID = 1L`
[static, private]

Serial Version UID.

Reimplemented from [com.walterdalmut.exceptions.JTemperatureException](#).

The documentation for this class was generated from the following file:

- [JTemperatureWebServiceException.java](#)

6.6 com.walterdalmut.xmlrpc.Sample Class Reference

Public Member Functions

- [Sample \(\)](#)
- [Sample \(String *sampledOn*, double *temperature*, double *humidity*, double *windSpeed*, double *windDirection*\)](#)
- [String *getSampledOn \(\)*](#)
- [void *setSampledOn \(String *sampledOn*\)*](#)
- [double *getTemperature \(\)*](#)
- [void *setTemperature \(double *temperature*\)*](#)
- [double *getHumidity \(\)*](#)
- [void *setHumidity \(double *humidity*\)*](#)
- [double *getWindSpeed \(\)*](#)
- [void *setWindSpeed \(double *windSpeed*\)*](#)
- [double *getWindDirection \(\)*](#)
- [void *setWindDirection \(double *windDirection*\)*](#)

Private Attributes

- String *sampledOn*
- double *temperature*
- double *humidity*
- double *windSpeed*
- double *windDirection*

6.6.1 Constructor & Destructor Documentation

6.6.1.1 com.walterdalmut.xmlrpc.Sample.Sample ()

6.6.1.2 com.walterdalmut.xmlrpc.Sample.Sample (String *sampledOn*, double *temperature*, double *humidity*, double *windSpeed*, double *windDirection*)

6.6.2 Member Function Documentation

6.6.2.1 double com.walterdalmut.xmlrpc.Sample.getHumidity ()

Returns:

the humidity

6.6.2.2 String com.walterdalmut.xmlrpc.Sample.getSampledOn ()

Returns:

the sampledOn

6.6.2.3 double com.walterdalmut.xmlrpc.Sample.getTemperature ()**Returns:**

the temperature

6.6.2.4 double com.walterdalmut.xmlrpc.Sample.getWindDirection ()**Returns:**

the windDirection

6.6.2.5 double com.walterdalmut.xmlrpc.Sample.getWindSpeed ()**Returns:**

the windSpeed

6.6.2.6 void com.walterdalmut.xmlrpc.Sample.setHumidity (double *humidity*)**Parameters:**

humidity the humidity to set

6.6.2.7 void com.walterdalmut.xmlrpc.Sample.setSampledOn (String *sampledOn*)**Parameters:**

sampledOn the sampledOn to set

6.6.2.8 void com.walterdalmut.xmlrpc.Sample.setTemperature (double *temperature*)**Parameters:**

temperature the temperature to set

6.6.2.9 void com.walterdalmut.xmlrpc.Sample.setWindDirection (double *windDirection*)**Parameters:**

windDirection the windDirection to set

6.6.2.10 void com.walterdalmut.xmlrpc.Sample.setWindSpeed (double *windSpeed*)**Parameters:**

windSpeed the windSpeed to set

6.6.3 Member Data Documentation

6.6.3.1 double com.walterdalmut.xmlrpc.Sample.humidity [private]

6.6.3.2 String com.walterdalmut.xmlrpc.Sample.sampledOn [private]

6.6.3.3 double com.walterdalmut.xmlrpc.Sample.temperature [private]

6.6.3.4 double com.walterdalmut.xmlrpc.Sample.windDirection [private]

6.6.3.5 double com.walterdalmut.xmlrpc.Sample.windSpeed [private]

The documentation for this class was generated from the following file:

- [Sample.java](#)

6.7 com.walterdalmut.graphics.SysTray Class Reference

Main class for use and check the system.

Static Public Member Functions

- static void [main](#) (String[] args)
The main program.

Static Protected Member Functions

- static Image [createImage](#) (String path, String description)
Link image for Tray icon.

Static Private Member Functions

- static void [createAndShowGUI](#) ()
Create and show GUI.
- static void [upgradeProcedure](#) () throws JTemperatureConnectionException, JTemperatureWebServiceException

Static Private Attributes

- static [Translator](#) locale = new [Translator](#)()
- static [TrayIcon](#) trayIcon
- static [SystemTray](#) tray

6.7.1 Detailed Description

Main class for use and check the system.

Author:

Walter Dal Mut

Since:

0.0.1

6.7.2 Member Function Documentation

6.7.2.1 static void com.walterdalmut.graphics.SysTray.createAndShowGUI () [static, private]

Create and show GUI.

The system use the sys tray icon for messaging and other information.

Author:

Walter Dal Mut

Since:

0.0.1

Working with date

6.7.2.2 static Image com.walterdalmut.graphics.SysTray.createImage (String *path*, String *description*) [static, protected]

Link image for Tray icon.

Parameters:

path String path which contains the image position

description String The description of image

Returns:

Image image The ImageIcon Object for insert in Tray Icon

6.7.2.3 static void com.walterdalmut.graphics.SysTray.main (String[] *args*) [static]

The main program.

Parameters:

args String[] Not use int this products

6.7.2.4 static void com.walterdalmut.graphics.SysTray.upgradeProcedure () throws JTemperatureConnectionException, JTemperatureWebServiceException [static, private]**6.7.3 Member Data Documentation****6.7.3.1 Translator com.walterdalmut.graphics.SysTray.locale = new Translator()** [static, private]**6.7.3.2 SystemTray com.walterdalmut.graphics.SysTray.tray** [static, private]**6.7.3.3 TrayIcon com.walterdalmut.graphics.SysTray.trayIcon** [static, private]

The documentation for this class was generated from the following file:

- [SysTray.java](#)

6.8 com.walterdalmut.translation.Translator Class Reference

This class use the correct language for messages.

Public Member Functions

- [Translator \(\)](#)
Class constructor.
- String [translate](#) (String key)
Doing the language conversion.

Private Attributes

- ResourceBundle [labels](#)

6.8.1 Detailed Description

This class use the correct language for messages.

The default language is choose about operating system

Author:

Walter Dal Mut

Since:

0.0.2

6.8.2 Constructor & Destructor Documentation

6.8.2.1 com.walterdalmut.translation.Translator.Translator ()

Class constructor.

On construct the system recover files for translator

6.8.3 Member Function Documentation

6.8.3.1 String com.walterdalmut.translation.Translator.translate (String key)

Doing the language conversion.

Parameters:

key The key for recover the line in correct language

Returns:

The language line.

6.8.4 Member Data Documentation

6.8.4.1 ResourceBundle com.walterdalmut.translation.Translator.labels [private]

The documentation for this class was generated from the following file:

- [Translator.java](#)

6.9 com.walterdalmut.upgrade.UpgradeSystem Class Reference

Public Member Functions

- [UpgradeSystem](#) () throws `JTemperatureConnectionException`
- boolean [needUpgrade](#) () throws `JTemperatureWebServiceException`

Private Attributes

- Properties [properties](#)
- final [Translator](#) `locale` = new [Translator](#)()

6.9.1 Constructor & Destructor Documentation

6.9.1.1 `com.walterdalmut.upgrade.UpgradeSystem.UpgradeSystem` () throws `JTemperatureConnectionException`

6.9.2 Member Function Documentation

6.9.2.1 boolean `com.walterdalmut.upgrade.UpgradeSystem.needUpgrade` () throws `JTemperatureWebServiceException`

6.9.3 Member Data Documentation

6.9.3.1 final `Translator` `com.walterdalmut.upgrade.UpgradeSystem.locale` = new `Translator`()
[private]

6.9.3.2 Properties `com.walterdalmut.upgrade.UpgradeSystem.properties` [private]

The documentation for this class was generated from the following file:

- [UpgradeSystem.java](#)

6.10 com.walterdalmut.graphics.UpgradeSystemWindow Class Reference

Upgrade system.

Public Member Functions

- [UpgradeSystemWindow](#) ()
- void [run](#) ()

Static Public Member Functions

- static void [main](#) (String[] args)
Auto-generated main method to display this JFrame.

Private Member Functions

- void [initGUI](#) ()

Private Attributes

- JLabel [lblTitle](#)
- JProgressBar [prgDownload](#)
- Translator [locale](#) = new [Translator](#)()

Static Private Attributes

- static final long [serialVersionUID](#) = 1L

6.10.1 Detailed Description

Upgrade system.

Author:

Walter Dal Mut

Date:

2008

6.10.2 Constructor & Destructor Documentation

6.10.2.1 **com.walterdalmut.graphics.UpgradeSystemWindow.UpgradeSystemWindow ()**

6.10.3 Member Function Documentation

6.10.3.1 **void com.walterdalmut.graphics.UpgradeSystemWindow.initGUI ()** [private]

6.10.3.2 **static void com.walterdalmut.graphics.UpgradeSystemWindow.main (String[] args)**
[static]

Auto-generated main method to display this JFrame.

6.10.3.3 **void com.walterdalmut.graphics.UpgradeSystemWindow.run ()**

6.10.4 Member Data Documentation

6.10.4.1 **JLabel com.walterdalmut.graphics.UpgradeSystemWindow.lbTitle** [private]

6.10.4.2 **Translator com.walterdalmut.graphics.UpgradeSystemWindow.locale = new Translator()**
[private]

6.10.4.3 **JProgressBar com.walterdalmut.graphics.UpgradeSystemWindow.prgDownload**
[private]

6.10.4.4 **final long com.walterdalmut.graphics.UpgradeSystemWindow.serialVersionUID = 1L**
[static, private]

The documentation for this class was generated from the following file:

- [UpgradeSystemWindow.java](#)

6.11 com.walterdalmut.xmlrpc.XmlRpcController Class Reference

Class for control the XML RPC connection and use.

Public Member Functions

- [XmlRpcController](#) () throws [JTemperatureConnectionException](#)
Constructor of class.
- [Sample getLastEntry](#) () throws [JTemperatureWebServiceException](#), [JTemperatureConnectionException](#)
This function retrieve the information from XML RPC server.
- List< [Sample](#) > [getLatestEntries](#) () throws [JTemperatureWebServiceException](#), [JTemperatureConnectionException](#)
This function retrive latest entries of mesurament.
- List< [Sample](#) > [getLatestEntries](#) (String dateTime) throws [JTemperatureConnectionException](#), [JTemperatureWebServiceException](#)

Private Attributes

- [XmlRpcClientConfigImpl](#) [config](#)
- [XmlRpcClient](#) [client](#)
- final [Translator](#) [locale](#) = new [Translator](#)()

6.11.1 Detailed Description

Class for control the XML RPC connection and use.

Author:

Walter Dal Mut

6.11.2 Constructor & Destructor Documentation

6.11.2.1 com.walterdalmut.xmlrpc.XmlRpcController.XmlRpcController () throws [JTemperatureConnectionException](#)

Constructor of class.

On new [XmlRpcController](#) the system connecting on server and it's ready to use functions.

Exceptions:

[JTemperatureConnectionException](#)

[JTemperatureException](#)

6.11.3 Member Function Documentation

6.11.3.1 Sample `com.walterdalmut.xmlrpc.XmlRpcController.getLastEntry ()` throws `JTemperatureWebServiceException`, `JTemperatureConnectionException`

This function retrieve the information from XML RPC server.

Returns:

result String The XML structure of response.

Exceptions:

JTemperatureWebServiceException Exception for handling Web Service problems

JTemperatureConnectionException Exception for handling Internet connection problems

6.11.3.2 List<Sample> `com.walterdalmut.xmlrpc.XmlRpcController.getLatestEntries (String dateTime)` throws `JTemperatureConnectionException`, `JTemperatureWebServiceException`

6.11.3.3 List<Sample> `com.walterdalmut.xmlrpc.XmlRpcController.getLatestEntries ()` throws `JTemperatureWebServiceException`, `JTemperatureConnectionException`

This function retrieve latest entries of measurement.

Returns:

samples A List of latest entries

Exceptions:

JTemperatureWebServiceException Exception for handling Web Service problems

JTemperatureConnectionException Exception for handling Connection problems

6.11.4 Member Data Documentation

6.11.4.1 `XmlRpcClient` `com.walterdalmut.xmlrpc.XmlRpcController.client` [private]

6.11.4.2 `XmlRpcClientConfigImpl` `com.walterdalmut.xmlrpc.XmlRpcController.config` [private]

6.11.4.3 `final Translator` `com.walterdalmut.xmlrpc.XmlRpcController.locale = new Translator()` [private]

The documentation for this class was generated from the following file:

- [XmlRpcController.java](#)

Chapter 7

File Documentation

7.1 ChartWindow.java File Reference

Classes

- class [com.walteredalmut.graphics.ChartWindow](#)

Packages

- package [com.walteredalmut.graphics](#)

7.2 GeneralConfigs.java File Reference

Classes

- class [com.waltermut.configs.GeneralConfigs](#)
Utility for pick up base information.

Packages

- package [com.waltermut.configs](#)

7.3 JTemperatureConnectionException.java File Reference

Classes

- class [com.waltermut.exceptions.JTemperatureConnectionException](#)
Exception for handling connection problems.

Packages

- package [com.waltermut.exceptions](#)

7.4 JTemperatureException.java File Reference

Classes

- class [com.waltermut.exceptions.JTemperatureException](#)
Class for handling the Exception during the execution.

Packages

- package [com.waltermut.exceptions](#)

7.5 JTemperatureWebServiceException.java File Reference

Classes

- class [com.waltermut.exceptions.JTemperatureWebServiceException](#)

Packages

- package [com.waltermut.exceptions](#)

7.6 Sample.java File Reference

Classes

- class [com.waltermut.xmlrpc.Sample](#)

Packages

- package [com.waltermut.xmlrpc](#)

7.7 SysTray.java File Reference

Classes

- class [com.waltermalmut.graphics.SysTray](#)
Main class for use and check the system.

Packages

- package [com.waltermalmut.graphics](#)

7.8 Translator.java File Reference

Classes

- class [com.waltermalmut.translation.Translator](#)
This class use the correct language for messages.

Packages

- package [com.waltermalmut.translation](#)

7.9 UpgradeSystem.java File Reference

Classes

- class [com.waltermut.upgrade.UpgradeSystem](#)

Packages

- package [com.waltermut.upgrade](#)

7.10 UpgradeSystemWindow.java File Reference

Classes

- class [com.waltermalmut.graphics.UpgradeSystemWindow](#)
Upgrade system.

Packages

- package [com.waltermalmut.graphics](#)

7.11 XmlRpcController.java File Reference

Classes

- class [com.waltermalmut.xmlrpc.XmlRpcController](#)
Class for control the XML RPC connection and use.

Packages

- package [com.waltermalmut.xmlrpc](#)

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