

XMPPGateway

Generated by Doxygen 1.8.3.1

Mon Jan 21 2013 10:18:01

Contents

1	Hierarchical Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	File Index	5
3.1	File List	5
4	Class Documentation	7
4.1	Server Class Reference	7
4.1.1	Detailed Description	7
4.1.2	Member Function Documentation	7
4.1.2.1	handleXMPPMessage	7
4.2	WTFConnection Class Reference	7
4.2.1	Detailed Description	8
4.2.2	Constructor & Destructor Documentation	8
4.2.2.1	WTFConnection	8
4.2.2.2	WTFConnection	8
4.2.2.3	WTFConnection	8
4.2.3	Member Function Documentation	8
4.2.3.1	toString	8
4.3	XmppConnectionHandler Class Reference	8
4.3.1	Detailed Description	9
4.3.2	Constructor & Destructor Documentation	9
4.3.2.1	XmppConnectionHandler	9
4.3.3	Member Function Documentation	9
4.3.3.1	connectionClosed	9
4.3.3.2	connectionClosedOnError	9
4.3.3.3	printPacket	9
4.3.3.4	processPacket	9
4.3.3.5	reconnectingIn	9

4.3.3.6	reconnectionFailed	9
4.3.3.7	reconnectionSuccessful	9
4.4	XmppGateway Class Reference	10
4.4.1	Detailed Description	10
4.4.2	Constructor & Destructor Documentation	10
4.4.2.1	XmppGateway	10
4.4.3	Member Function Documentation	10
4.4.3.1	initUI	10
4.4.3.2	main	10
4.4.3.3	windowClosing	11
4.5	XmppPanel Class Reference	11
4.5.1	Detailed Description	12
4.5.2	Constructor & Destructor Documentation	12
4.5.2.1	XmppPanel	12
4.5.3	Member Function Documentation	12
4.5.3.1	connect	12
4.5.3.2	connectionClosed	12
4.5.3.3	connectionClosedOnError	12
4.5.3.4	disconnect	12
4.5.3.5	forwardMessage	12
4.5.3.6	handleSIPMessage	13
4.5.3.7	printMessage	13
4.5.3.8	processPacket	13
4.5.3.9	reconnectingIn	13
4.5.3.10	reconnectionFailed	13
4.5.3.11	reconnectionSuccessful	13
4.5.4	Member Data Documentation	14
4.5.4.1	DELAY	14
4.5.4.2	label	14
4.5.4.3	label_1	14
4.5.4.4	lblXmppConnections	14
4.5.4.5	m_accounts	14
4.5.4.6	m_config	14
4.5.4.7	m_connectionList	14
4.5.4.8	m_connections	15
4.5.4.9	m_listModel	15
4.5.4.10	m_logArea	15
4.5.4.11	m_relation_in	15
4.5.4.12	m_relation_out	15
4.5.4.13	scrollPane_2	15

4.5.4.14	serialVersionUID	15
4.5.4.15	xmppConfig	15
5	File Documentation	17
5.1	src/Server.java File Reference	17
5.2	src/WTFConnection.java File Reference	17
5.3	src/XmppConnectionHandler.java File Reference	17
5.4	src/XmppGateway.java File Reference	17
5.5	src/XmppPanel.java File Reference	17
Index		17

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

Server	7
WindowAdapter	
XmppGateway	10
ConnectionListener	
XmppConnectionHandler	8
XmppPanel	11
JPanel	
XmppPanel	11
PacketListener	
XmppConnectionHandler	8
XmppPanel	11
XMPPConnection	
WTFConnection	7

Chapter 2

Class Index

2.1 Class List

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

Server	7
WTFConnection	7
XmppConnectionHandler	8
XmppGateway	10
XmppPanel	11

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

src/ Server.java	17
src/ WTFConnection.java	17
src/ XmppConnectionHandler.java	17
src/ XmppGateway.java	17
src/ XmppPanel.java	17

Chapter 4

Class Documentation

4.1 Server Class Reference

Static Public Member Functions

- static void [handleXMPPMessage](#) (String from, String to, String body)

4.1.1 Detailed Description

Definition at line 2 of file Server.java.

4.1.2 Member Function Documentation

4.1.2.1 static void [Server.handleXMPPMessage](#) (String *from*, String *to*, String *body*) [static]

Definition at line 6 of file Server.java.

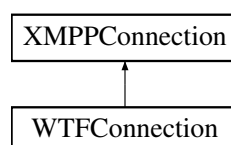
Referenced by [XmppPanel.forwardMessage\(\)](#).

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

- src/[Server.java](#)

4.2 WTFConnection Class Reference

Inheritance diagram for WTFConnection:



Public Member Functions

- [WTFConnection](#) (ConnectionConfiguration config)
- [WTFConnection](#) (String server)
- [WTFConnection](#) ()

- String [toString](#) ()

4.2.1 Detailed Description

Definition at line 5 of file WTFConnection.java.

4.2.2 Constructor & Destructor Documentation

4.2.2.1 WTFConnection.WTFConnection (ConnectionConfiguration *config*)

Definition at line 7 of file WTFConnection.java.

4.2.2.2 WTFConnection.WTFConnection (String *server*)

Definition at line 11 of file WTFConnection.java.

4.2.2.3 WTFConnection.WTFConnection ()

Definition at line 17 of file WTFConnection.java.

4.2.3 Member Function Documentation

4.2.3.1 String WTFConnection.toString ()

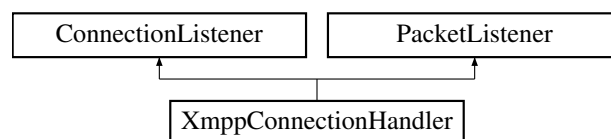
Definition at line 24 of file WTFConnection.java.

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

- src/[WTFConnection.java](#)

4.3 XmppConnectionHandler Class Reference

Inheritance diagram for XmppConnectionHandler:



Public Member Functions

- [XmppConnectionHandler](#) (Connection _conn)
- void [connectionClosed](#) ()
- void [connectionClosedOnError](#) (Exception _e)
- void [reconnectingIn](#) (int arg0)
- void [reconnectionFailed](#) (Exception arg0)
- void [reconnectionSuccessful](#) ()
- void [processPacket](#) (Packet _packet)
- void [printPacket](#) (Packet _packet)

4.3.1 Detailed Description

Definition at line 12 of file XmppConnectionHandler.java.

4.3.2 Constructor & Destructor Documentation

4.3.2.1 XmppConnectionHandler.XmppConnectionHandler (Connection *_conn*)

Definition at line 14 of file XmppConnectionHandler.java.

4.3.3 Member Function Documentation

4.3.3.1 void XmppConnectionHandler.connectionClosed ()

Definition at line 24 of file XmppConnectionHandler.java.

4.3.3.2 void XmppConnectionHandler.connectionClosedOnError (Exception *_e*)

Definition at line 30 of file XmppConnectionHandler.java.

4.3.3.3 void XmppConnectionHandler.printPacket (Packet *_packet*)

Definition at line 58 of file XmppConnectionHandler.java.

Referenced by processPacket().

4.3.3.4 void XmppConnectionHandler.processPacket (Packet *_packet*)

Definition at line 54 of file XmppConnectionHandler.java.

References printPacket().

4.3.3.5 void XmppConnectionHandler.reconnectingIn (int *arg0*)

Definition at line 36 of file XmppConnectionHandler.java.

4.3.3.6 void XmppConnectionHandler.reconnectionFailed (Exception *arg0*)

Definition at line 42 of file XmppConnectionHandler.java.

4.3.3.7 void XmppConnectionHandler.reconnectionSuccessful ()

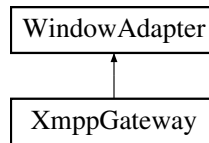
Definition at line 48 of file XmppConnectionHandler.java.

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

- [src/XmppConnectionHandler.java](#)

4.4 XmppGateway Class Reference

Inheritance diagram for XmppGateway:



Public Member Functions

- [XmppGateway](#) ()
- void [initUI](#) ()
- void [windowClosing](#) (WindowEvent e)

Static Public Member Functions

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

4.4.1 Detailed Description

Definition at line 15 of file `XmppGateway.java`.

4.4.2 Constructor & Destructor Documentation

4.4.2.1 XmppGateway.XmppGateway ()

Definition at line 18 of file `XmppGateway.java`.

References `initUI()`.

Referenced by `main()`.

4.4.3 Member Function Documentation

4.4.3.1 void XmppGateway.initUI ()

Definition at line 23 of file `XmppGateway.java`.

Referenced by `XmppGateway()`.

4.4.3.2 static void XmppGateway.main (String[] args) [static]

Parameters

<i>args</i>	
-------------	--

Definition at line 40 of file `XmppGateway.java`.

References `XmppGateway()`.

4.4.3.3 void XmppGateway.windowClosing (WindowEvent e)

Definition at line 50 of file XmppGateway.java.

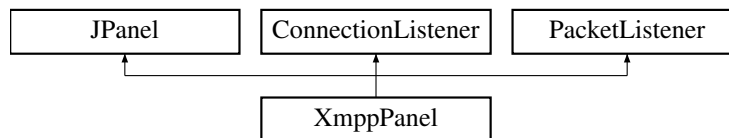
References XmppPanel.disconnect().

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

- src/XmppGateway.java

4.5 XmppPanel Class Reference

Inheritance diagram for XmppPanel:



Public Member Functions

- [XmppPanel](#) ()
- void [connect](#) ()
- void [disconnect](#) ()
- void [processPacket](#) (Packet _packet)
- void [printMessage](#) (Message msg)
- void [handleSIPMessage](#) (String from, String to, String msg)
- void [connectionClosed](#) ()
- void [connectionClosedOnError](#) (Exception e)
- void [reconnectingIn](#) (int arg0)
- void [reconnectionFailed](#) (Exception arg0)
- void [reconnectionSuccessful](#) ()

Private Member Functions

- void [forwardMessage](#) (Message msg)

Private Attributes

- HashMap< String, [WTFConnection](#) > [m_connections](#) = new HashMap<>()
- HashMap< String, String > [m_accounts](#) = new HashMap<>()
- HashMap< String, String > [m_relation_in](#) = new HashMap<>()
- HashMap< String, String > [m_relation_out](#) = new HashMap<>()
- JList [m_connectionList](#)
- JTextArea [m_logArea](#)
- JScrollPane [scrollPane_2](#)
- DefaultListModel< [WTFConnection](#) > [m_listModel](#)
- JLabel [lblXmppConnections](#)
- JLabel [label](#)
- JLabel [label_1](#)
- ConnectionConfiguration [xmppConfig](#)
- ConnectionConfiguration [m_config](#)

Static Private Attributes

- static final long [serialVersionUID](#) = 5657339239939443076L
- static final int [DELAY](#) = 1000

4.5.1 Detailed Description

The Class [XmppPanel](#).

Definition at line 29 of file [XmppPanel.java](#).

4.5.2 Constructor & Destructor Documentation

4.5.2.1 [XmppPanel.XmppPanel \(\)](#)

Instantiates a new xmpp panel.

Definition at line 80 of file [XmppPanel.java](#).

References [connect\(\)](#), [label](#), [label_1](#), [lblXmppConnections](#), [m_accounts](#), [m_config](#), [m_connectionList](#), [m_listModel](#), [m_logArea](#), [m_relation_in](#), [m_relation_out](#), and [scrollPane_2](#).

4.5.3 Member Function Documentation

4.5.3.1 [void XmppPanel.connect \(\)](#)

Connect all the gateway clients

Definition at line 140 of file [XmppPanel.java](#).

References [DELAY](#), [m_accounts](#), [m_config](#), [m_connections](#), and [m_listModel](#).

Referenced by [XmppPanel\(\)](#).

4.5.3.2 [void XmppPanel.connectionClosed \(\)](#)

Definition at line 283 of file [XmppPanel.java](#).

4.5.3.3 [void XmppPanel.connectionClosedOnError \(\[Exception e\]\(#\) \)](#)

Definition at line 291 of file [XmppPanel.java](#).

4.5.3.4 [void XmppPanel.disconnect \(\)](#)

Disconnect the gateway clients

Definition at line 190 of file [XmppPanel.java](#).

References [m_connections](#).

Referenced by [XmppGateway.windowClosing\(\)](#).

4.5.3.5 [void XmppPanel.forwardMessage \(\[Message msg\]\(#\) \)](#) [private]

Forward message to SIP

Parameters

<i>msg</i>	the msg
------------	---------

Definition at line 223 of file XmppPanel.java.

References Server.handleXMPPMessage(), and m_relation_in.

Referenced by processPacket().

4.5.3.6 void XmppPanel.handleSIPMessage (String *from*, String *to*, String *msg*)

Handle sip message and forwards it to the xmpp user

Parameters

<i>from</i>	the sip user
<i>to</i>	the xmpp user
<i>msg</i>	the message

Definition at line 255 of file XmppPanel.java.

References m_connections, m_logArea, and m_relation_out.

4.5.3.7 void XmppPanel.printMessage (Message *msg*)

Prints the Message on the screen and on the standard output

Parameters

<i>msg</i>	the Message which should be printed
------------	-------------------------------------

Definition at line 234 of file XmppPanel.java.

References m_logArea, and m_relation_in.

Referenced by processPacket().

4.5.3.8 void XmppPanel.processPacket (Packet *_packet*)

Definition at line 205 of file XmppPanel.java.

References forwardMessage(), and printMessage().

4.5.3.9 void XmppPanel.reconnectingIn (int *arg0*)

Definition at line 299 of file XmppPanel.java.

4.5.3.10 void XmppPanel.reconnectionFailed (Exception *arg0*)

Definition at line 307 of file XmppPanel.java.

4.5.3.11 void XmppPanel.reconnectionSuccessful ()

Definition at line 315 of file XmppPanel.java.

4.5.4 Member Data Documentation

4.5.4.1 `final int XmppPanel.DELAY = 1000` `[static], [private]`

The Constant DELAY.

Definition at line 75 of file XmppPanel.java.

Referenced by `connect()`.

4.5.4.2 `JLabel XmppPanel.label` `[private]`

The label.

Definition at line 63 of file XmppPanel.java.

Referenced by `XmppPanel()`.

4.5.4.3 `JLabel XmppPanel.label_1` `[private]`

The label_1.

Definition at line 66 of file XmppPanel.java.

Referenced by `XmppPanel()`.

4.5.4.4 `JLabel XmppPanel.lblXmppConnections` `[private]`

The lbl xmpp connections.

Definition at line 60 of file XmppPanel.java.

Referenced by `XmppPanel()`.

4.5.4.5 `HashMap<String, String> XmppPanel.m_accounts = new HashMap<>()` `[private]`

The m_accounts.

Definition at line 39 of file XmppPanel.java.

Referenced by `connect()`, and `XmppPanel()`.

4.5.4.6 `ConnectionConfiguration XmppPanel.m_config` `[private]`

The m_config.

Definition at line 72 of file XmppPanel.java.

Referenced by `connect()`, and `XmppPanel()`.

4.5.4.7 `JList XmppPanel.m_connectionList` `[private]`

The m_connection list.

Definition at line 48 of file XmppPanel.java.

Referenced by `XmppPanel()`.

4.5.4.8 `HashMap<String, WTFConnection> XmppPanel.m_connections = new HashMap<>() [private]`

The m_connections.

Definition at line 36 of file XmppPanel.java.

Referenced by connect(), disconnect(), and handleSIPMessage().

4.5.4.9 `DefaultListModel<WTFConnection> XmppPanel.m_listModel [private]`

The m_list model.

Definition at line 57 of file XmppPanel.java.

Referenced by connect(), and XmppPanel().

4.5.4.10 `JTextArea XmppPanel.m_logArea [private]`

The m_log area.

Definition at line 51 of file XmppPanel.java.

Referenced by handleSIPMessage(), printMessage(), and XmppPanel().

4.5.4.11 `HashMap<String, String> XmppPanel.m_relation_in = new HashMap<>() [private]`

The m_relation_in.

Definition at line 42 of file XmppPanel.java.

Referenced by forwardMessage(), printMessage(), and XmppPanel().

4.5.4.12 `HashMap<String, String> XmppPanel.m_relation_out = new HashMap<>() [private]`

The m_relation_out.

Definition at line 45 of file XmppPanel.java.

Referenced by handleSIPMessage(), and XmppPanel().

4.5.4.13 `JScrollPane XmppPanel.scrollPane_2 [private]`

The scroll pane_2.

Definition at line 54 of file XmppPanel.java.

Referenced by XmppPanel().

4.5.4.14 `final long XmppPanel.serialVersionUID = 5657339239939443076L [static], [private]`

The Constant serialVersionUID.

Definition at line 33 of file XmppPanel.java.

4.5.4.15 `ConnectionConfiguration XmppPanel.xmppConfig [private]`

The xmpp config.

Definition at line 69 of file XmppPanel.java.

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

- [src/XmppPanel.java](#)

Chapter 5

File Documentation

5.1 src/Server.java File Reference

Classes

- class [Server](#)

5.2 src/WTFConnection.java File Reference

Classes

- class [WTFConnection](#)

5.3 src/XmppConnectionHandler.java File Reference

Classes

- class [XmppConnectionHandler](#)

5.4 src/XmppGateway.java File Reference

Classes

- class [XmppGateway](#)

5.5 src/XmppPanel.java File Reference

Classes

- class [XmppPanel](#)

Index

- connect
 - XmppPanel, [12](#)
- connectionClosed
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [12](#)
- connectionClosedOnError
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [12](#)
- DELAY
 - XmppPanel, [14](#)
- disconnect
 - XmppPanel, [12](#)
- forwardMessage
 - XmppPanel, [12](#)
- handleSIPMessage
 - XmppPanel, [13](#)
- handleXMPPMessage
 - Server, [7](#)
- initUI
 - XmppGateway, [10](#)
- label
 - XmppPanel, [14](#)
- label_1
 - XmppPanel, [14](#)
- lblXmppConnections
 - XmppPanel, [14](#)
- m_accounts
 - XmppPanel, [14](#)
- m_config
 - XmppPanel, [14](#)
- m_connectionList
 - XmppPanel, [14](#)
- m_connections
 - XmppPanel, [14](#)
- m_listModel
 - XmppPanel, [15](#)
- m_logArea
 - XmppPanel, [15](#)
- m_relation_in
 - XmppPanel, [15](#)
- m_relation_out
 - XmppPanel, [15](#)
- main
 - XmppGateway, [10](#)
- printMessage
 - XmppPanel, [13](#)
- printPacket
 - XmppConnectionHandler, [9](#)
- processPacket
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [13](#)
- reconnectingIn
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [13](#)
- reconnectionFailed
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [13](#)
- reconnectionSuccessful
 - XmppConnectionHandler, [9](#)
 - XmppPanel, [13](#)
- scrollPane_2
 - XmppPanel, [15](#)
- serialVersionUID
 - XmppPanel, [15](#)
- Server, [7](#)
 - handleXMPPMessage, [7](#)
- src/Server.java, [17](#)
- src/WTFConnection.java, [17](#)
- src/XmppConnectionHandler.java, [17](#)
- src/XmppGateway.java, [17](#)
- src/XmppPanel.java, [17](#)
- toString
 - WTFConnection, [8](#)
- WTFConnection, [7](#)
 - toString, [8](#)
 - WTFConnection, [8](#)
 - WTFConnection, [8](#)
- windowClosing
 - XmppGateway, [10](#)
- xmppConfig
 - XmppPanel, [15](#)
- XmppConnectionHandler, [8](#)
 - connectionClosed, [9](#)
 - connectionClosedOnError, [9](#)
 - printPacket, [9](#)
 - processPacket, [9](#)
 - reconnectingIn, [9](#)
 - reconnectionFailed, [9](#)
 - reconnectionSuccessful, [9](#)
 - XmppConnectionHandler, [9](#)

- XmppConnectionHandler, [9](#)
- XmppGateway, [10](#)
 - initUI, [10](#)
 - main, [10](#)
 - windowClosing, [10](#)
 - XmppGateway, [10](#)
 - XmppGateway, [10](#)
- XmppPanel, [11](#)
 - connect, [12](#)
 - connectionClosed, [12](#)
 - connectionClosedOnError, [12](#)
 - DELAY, [14](#)
 - disconnect, [12](#)
 - forwardMessage, [12](#)
 - handleSIPMessage, [13](#)
 - label, [14](#)
 - label_1, [14](#)
 - lblXmppConnections, [14](#)
 - m_accounts, [14](#)
 - m_config, [14](#)
 - m_connectionList, [14](#)
 - m_connections, [14](#)
 - m_listModel, [15](#)
 - m_logArea, [15](#)
 - m_relation_in, [15](#)
 - m_relation_out, [15](#)
 - printMessage, [13](#)
 - processPacket, [13](#)
 - reconnectingIn, [13](#)
 - reconnectionFailed, [13](#)
 - reconnectionSuccessful, [13](#)
 - scrollPane_2, [15](#)
 - serialVersionUID, [15](#)
 - xmppConfig, [15](#)
 - XmppPanel, [12](#)
 - XmppPanel, [12](#)