Tigase JaXMPP

Tigase Team

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Part I. JaXMPP V3.2.0 Release Notes

Tigase JaXMPP v3.2.0 has been released! Please review the change notes below to see what has changed since our last release.

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Chapter 1. Changes

- #4369 [https://tigase.tech/issues/4369]: Support for XEP-0313: Message Archive Management [http://xmpp.org/extensions/xep-0313.html] has now been added within Jaxmpp-MAM module.

- Implementation of XEP-0357: Push Notifications [http://xmpp.org/extensions/xep-0357.html]

- SCRAM-SHA-1 and SCRAM-SHA-1-PLUS are now enabled by default for Authorization.

- #4280 [https://tigase.tech/issues/4280]: added support for XEP-0352: Client State Indication [http://xmpp.org/extensions/xep-0352.html]

- #5950 [https://tigase.tech/issues/5950]: added support for XEP-0363: HTTP File Upload [http://xmpp.org/extensions/xep-0363.html]

- #5223 [https://tigase.tech/issues/5223]: in-band registration to use XMPP Data Forms XEP-0004

- #4288 [https://tigase.tech/issues/4288]: Login and Disconnect methods have been changed in blocking mode.

- #4398 [https://tigase.tech/issues/4398]: Removed JDK8 specific features not supported by GWT to prevent errors.

- #4762 [https://tigase.tech/issues/4762]: added support for handling WebSocket PONG frames

- #7387 [https://tigase.tech/issues/7387]: added support for PubSub notifications about node removal and association/dissociation to the collection node

Chapter 2. Fixes

- #4317 [https://tigase.tech/issues/4317]: fixed NPE if receiver of file transfer is not connected or disconnected in SOCKS5.

- #4318 [https://tigase.tech/issues/4318]: added checking if destination file is set when file transfer is accepted.

- #4378 [https://tigase.tech/issues/4378]: fixed exceptions occuring when a server-initiated disconnection could lead to an invalid connector state, fix issue with invalid connector state when connecting using Websocket Protocol over TCP.

- #8104 [https://tigase.tech/issues/8104]: fixing issue with parsing timestamp

- #8033 [https://tigase.tech/issues/8033]: added thread safety to ExtensionsChain implementation

- #2654 [https://tigase.tech/issues/2654]: improve DNS resolution for local addresses

- #7793 [https://tigase.tech/issues/7793]: fixing possible NPE in UnifiedRegistrationForm when value for a fiels is null

- #7649 [https://tigase.tech/issues/7649]: improving GWT code for sites hosted on HTTPS enabled servers

- #7525 [https://tigase.tech/issues/7525]: added method for retrieving error text from error stanzas

- #6330 [https://tigase.tech/issues/6330]: fixes for AdHocCommansAsyncCallback not calling onResponseReceived() if there is no data form in the response and for ElementWrapper which failed to set GwtElement value

- #6330 [https://tigase.tech/issues/6330]: added event for notification about PubSub node configuration change

- #6212 [https://tigase.tech/issues/6212], #6232 [https://tigase.tech/issues/6232]: fixing issue introduced by recent changes in sending authcid and authzid during authentication

- #6212 [https://tigase.tech/issues/6212]: improvements to SASL implementations

- #5749 [https://tigase.tech/issues/5749]: fix issue with login to jabber.org, says incorrect password, even though password is correct

- #1590 [https://tigase.tech/issues/1590]: add support for subscription pre-approval in RosterModule and RosterItem

- #5669 [https://tigase.tech/issues/5669]: removed firing ErrorEvent by connectors if exception is thrown in start() method within the same thread

- #5624 [https://tigase.tech/issues/5624]: fixed possible lock if Jaxmpp::login() method throws an exception and login(true) was called

- #5582 [https://tigase.tech/issues/5582]: fixing race condition during Jaxmpp login leading to a thread being permanently locked

- #5584 [https://tigase.tech/issues/5584]: MAM module not being called for incoming messages

- #5588 [https://tigase.tech/issues/5588]: fixed issue with messages without from causing NPE in MessegeModule

- #5527 [https://tigase.tech/issues/5527]: added support for connection using plain SSL instead of STARTTLS

- #5529 [https://tigase.tech/issues/5529]: fixed handling of see-other-host in ConnectionManager for GWT

- #5318 [https://tigase.tech/issues/5318]: added implementation for GwtElement::removeChild() method

- #5421 [https://tigase.tech/issues/5421]: fixed issue with handling PONG WebSocket frames with payload

- #4961 [https://tigase.tech/issues/4961]: fix JaXMPP problems on Android

- #4733 [https://tigase.tech/issues/4733]: fixed issue with comparision of elements with XMLNS

- #4732 [https://tigase.tech/issues/4732]: minor fix in MessageArchiveManagementModule

- #4460 [https://tigase.tech/issues/4460]: fixed issue with retrieving PubSub node configuration

- #4728 [https://tigase.tech/issues/4728]: fix minor issue with element equals() method

- #4348 [https://tigase.tech/issues/4348]: fixed issues with Jaxmpp state and reconnecting

- #4348 [https://tigase.tech/issues/4348]: changed DEFAULT_SOCKET_TIMEOUT to 0 as value bigger than zero causes issues for long connections without any activity

- #4460 [https://tigase.tech/issues/4460]: improved usage of events with callbacks called after all handlers processed event

- #4266 [https://tigase.tech/issues/4266]: fixing issue with reconnection after disconnection by client

- #4505 [https://tigase.tech/issues/4505]: fix handling of badly encoded channel binding data

- #4398 [https://tigase.tech/issues/4398]: remove used JDK8 specific features which are not supported by GWT

- #4291 [https://tigase.tech/issues/4291]: ContactChangedPresenceEvent has show "online" for unavailable presence

- #4266 [https://tigase.tech/issues/4266]: fixed issue with blocking disconnection

- #4124 [https://tigase.tech/issues/4124]: fixed issue with support for see-other-host with WebSocket in GWT version
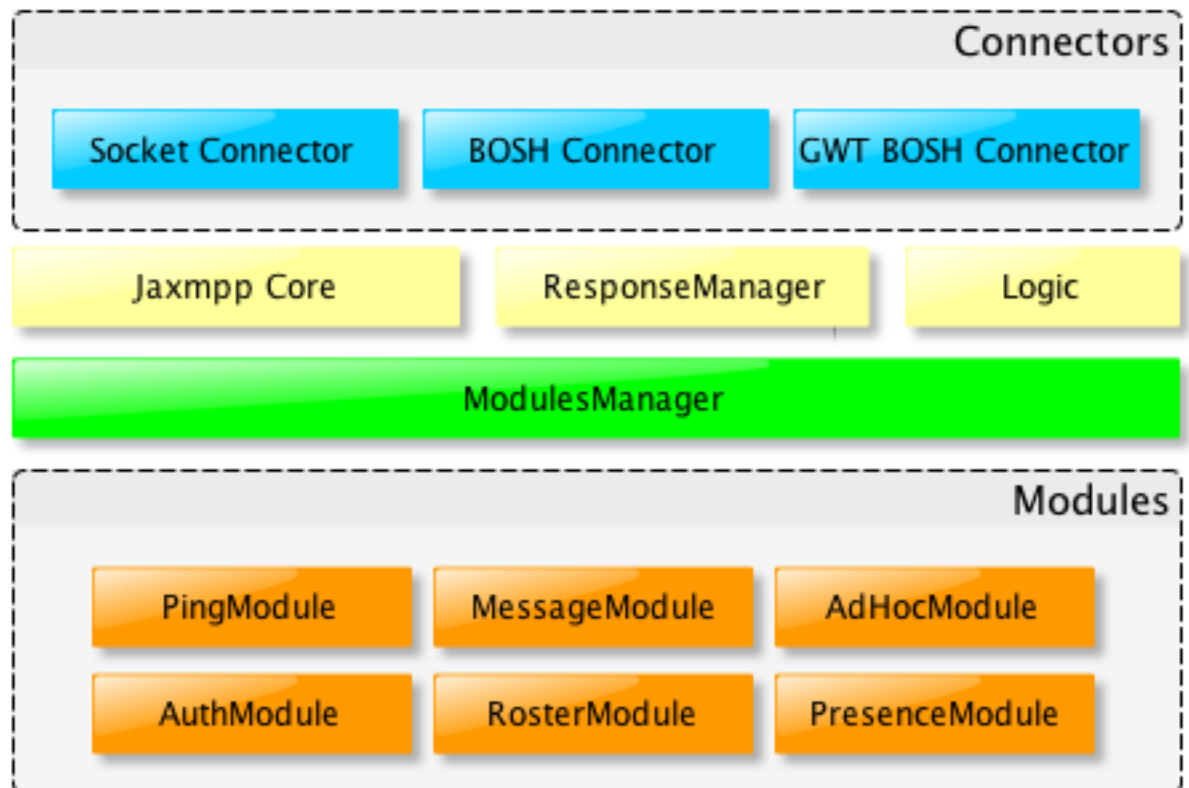
Chapter 3. Design and implementation

Tigase JaXMPP

JaXMPP is an extensible XMPP client library

Design

Chapter 4. Usage

Currently available on Projects wiki page [:https://projects.tigase.org/projects/jaxmpp2/wiki]