

REST API Plugin Readme

The REST API Plugin provides the ability to manage Openfire by sending an REST/HTTP request to the server. This plugin's functionality is useful for applications that need to administer Openfire outside of the Openfire admin console.

REST API Plugin Readme

- Feature list

- Available REST API clients

- Installation

- Explanation of REST

- Authentication

 - Basic HTTP Authentication

 - Shared secret key

- Data format

- Data types

 - User

 - RosterItem

 - Chatroom

 - System Property

 - Session

 - Sessions count

User related REST Endpoints

- Retrieve users

 - Possible parameters

 - Examples

- Retrieve a user

 - Possible parameters

 - Examples

- Create a user

 - Examples

 - XML Examples

 - JSON Examples

- Delete a user

 - Possible parameters

 - Examples

- Update a user

 - Possible parameters

 - Examples

 - XML Example

 - Rename Example

 - JSON Example

- Retrieve all user groups

- Possible parameters

- Examples

- Add user to group

- Possible parameters

- Examples

- Delete a user from a group

- Possible parameters

- Examples

- Lockout a user

- Possible parameters

- Examples

- Unlock a user

- Possible parameters

- Examples

- Retrieve user roster

- Possible parameters

- Examples

- Create a user roster entry

- Possible parameters

- Examples

- Delete a user roster entry

- Possible parameters

- Examples

- Update a user roster entry

- Possible parameters

- Examples

- Chat room related REST Endpoints

- Retrieve all chat rooms

- Possible parameters

- Examples

- Retrieve a chat room

- Possible parameters

- Examples

- Retrieve chat room participants

- Possible parameters

- Examples

- Create a chat room

- Possible parameters

- XML Examples

- JSON Examples

- Delete a chat room

- Possible parameters

- Examples

- Update a chat room

- Possible parameters

- Examples

- Add user with role to chat room

- Possible parameters

- Examples

- Delete a user from a chat room

- Possible parameters

- Examples

System related REST Endpoints

- Retrieve all system properties

- Examples

- Retrieve system property

- Possible parameters

- Examples

- Create a system property

- Examples

- Delete a system property

- Possible parameters

- Examples

- Update a system property

- Possible parameters

- Examples

- Retrieve concurrent sessions

- Examples

Group related REST Endpoints

- Retrieve all groups

- Examples

- Retrieve a group

- Possible parameters

- Examples

- Create a group

- Examples

- Delete a group

- Possible parameters

- Examples

- Update a group

- Possible parameters

- Examples

Session related REST Endpoints

- Retrieve all user session

- Examples

- Retrieve the user sessions

- Possible parameters

- Examples

- Close all user sessions

- Possible parameters

- Examples

Message related REST Endpoints

- Send a broadcast message

Examples

(Deprecated) User Service Plugin Readme

Overview

Installation

Configuration

Using the Plugin

Sample HTML

Server Reply

Feature list

- Get overview over all or specific user and to create, update or delete a user
- Get overview over all or specific group and to create, update or delete a group
- Get overview over all user roster entries and to add, update or delete a roster entry
- Add user to a group and remove a user from a group
- Lockout, unlock or kick the user (enable / disable)
- Get overview over all or specific system properties and to create, update or delete system property
- Get overview over all or specific chat room and to create, update or delete a chat room
- Get overview over all or specific user sessions
- Send broadcast message to all online users

Available REST API clients

REST API clients are implementations of the REST API in a specific programming language.

- JAVA: <https://github.com/Redor/REST-API-Client> (<https://github.com/Redor/REST-API-Client>) (fully implemented)
- PHP: <https://github.com/gidkom/php-openfire-restapi> (<https://github.com/gidkom/php-openfire-restapi>) (party implemented)
- GO Lang <https://github.com/Urethramancer/fireman> (<https://github.com/Urethramancer/fireman>) (party implemented)

Installation

Copy restAPI.jar into the plugins directory of your Openfire server. The plugin will then be automatically deployed. To upgrade to a new version, copy the new restAPI.jar file over the existing file.

Explanation of REST

To provide a standard way of accessing the data the plugin is using REST.

HTTP Method Usage