

# XMPP

## Overview

XMPP chat client

## To Access

From the [Community Admin](#) page, click the **XMPP** tab.

## INTRODUCTION

**XMPP** is a chat protocol that enables users to have instant message applications and other technologies. By using the [ConverseJS XMPP client](#), Tiki users can integrate chat feature to their websites. See also [PluginXMPP](#) and [Module XMPP](#)

## HOW TO USE XMPP IN TIKI

### 1.1.1. INSTALL AND CONFIGURE AN XMPP SERVER

Despite Tiki has ConverseJS bundled in its package, it is still necessary to have an XMPP server where clients can connect. Tiki can be very well integrated to [Openfire XMPP server](#), but other servers also works.

### 1.1.2. ENABLE THE FEATURE AND PLUGIN

Enable the feature at "**Admin home > RTC > XMPP**" tab.

Enable the plugin at "**Admin home > Editing and plugins > Plugins > XMPP plugin**"

### 1.1.3. CONFIGURE TIKI TO TALK TO THE XMPP SERVER

Go to the community page on the admin panels (RTC page on Tiki 19+), select the XMPP tab, and:

1. Check the **XMPP client (ConverseJS)**.
2. On **XMPP server domain** field, example type yourserver.wikisuite.org.
3. On **XMPP http-bind URL** field, example type <https://yourserver.wikisuite.org:7070/http-bind/> .
4. chose an **Authentication method** .
5. Click on Apply.

### 1.1.4. USE CONVERSEJS MODES

ConverseJS can be used in 3 modes:

1. Overlaid mode
2. Embedded mode
3. Fullscreen mode

#### OVERLAYED MODE

Overlaid Mode is configured as a Tiki Module. A small box will appears on bottom of the page containing a contact list. Users can click on contact list to start a chat session.

## EMBEDDED MODE

The Embedded mode can be configured as a [wiki\\_plugin](#). A chatbox will appear in the middle of the page. This chatbox is a group chat, where many users can send messages.

## FULLSCREEN MODE

Fullscreen mode takes all webpage space to provide the contact list and chat boxes. Users can switch between private chats and group chats while using this mode.

## AUTHENTICATION MODE

The ConverseJS embedded in Tiki can authenticate in XMPP server using 3 different strategies.

1. Username / password
2. Prebind
3. OAuthBearer Token

When using the username/password mechanism to authenticate, ConverseJS will ask user these information whenever is necessary. It is very easy to setup, but in other hand, it may demotivate the user to join the chat if he needs to type his password several times.

The Prebind mode is mechanism that makes XMPP server to confirm that a specific user is trying to authenticate. The user does not need to type username or password using this mode. Whenever user log into Tiki, he will automatically log into Openfire when needed. The Tiki prebind URL needs to be informed in Openfire panel.

On OAuthBearer Token, ConverseJS extract a special Token from Tiki and gives as a password to Openfire. Extra setup is needed in Openfire side in order to use this mode. Also, this mode is still beta and is available on Tiki 20.

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## Option

XMPP client (ConverseJS)

XMPP server domain

XMPP http-bind URL

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## Description

Integration with Converse.js XMPP client.

XMPP server domain

 *example.org*

Full URL to the http-bind.

 <https://xmpp.example.org/http-bind/>

**Default**

Disabled

None

None

# Option

XMPP MUC Domain

Authentication method

Openfire REST API endpoint

Rest API username

Rest API password

Allow anonymous

# Description

Required for auto-joining rooms

 *conference.example.org*

The authentication method to be used by XMPP client

 Plain | OAuth (uses Tiki as provider) | Openfire TikiToken

Full URL to API endpoint

 <https://xmpp.example.org:9091/plugins/restapi/v1/>

Username to allow Openfire API usage

Password to allow Openfire API usage

Allow anonymous users on Chat



**Default**

None

None

None

None

None

**Disabled**

# Option

Always Load ConverseJS

ConverseJS Debug Mode

ConverseJS Extra Settings

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## Description

Adds the ConverseJS Javascript and CSS files to every page.

Enables more logging, e.g. XML stanzas and error tracebacks to the JavaScript Console

JSON format object defining extra optional settings to initialize ConverseJS

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**Default**

Disabled

Disabled

None

*The jQuery Sortable Tables feature must be activated for the sort feature to work.*

**Option**

XMPP client (ConverseJS)

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## **Description**

Integration with Converse.js XMPP client.

**Default**

Disabled

# Option

XMPP server domain

XMPP http-bind URL

XMPP MUC Domain

Authentication method

Openfire REST API endpoint

# Description

XMPP server domain

👉 *example.org*

Full URL to the http-bind.

👉 <https://xmpp.example.org/http-bind/>

Required for auto-joining rooms

👉 *conference.example.org*

The authentication method to be used by XMPP client

☰ Plain | OAuth (uses Tiki as provider) | Openfire TikiToken

Full URL to API endpoint

👉 <https://xmpp.example.org:9091/plugins/restapi/v1/>



**Default**

None

None

None

None

None

# Option

Rest API username

Rest API password

Always Load ConverseJS

ConverseJS Debug Mode

ConverseJS Extra Settings

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## Description

Username to allow Openfire API usage

Password to allow Openfire API usage

Adds the ConverseJS Javascript and CSS files to every page.

Enables more logging, e.g. XML stanzas and error tracebacks to the JavaScript Console

JSON format object defining extra optional settings to initialize ConverseJS

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*The jQuery Sortable Tables feature must be activated for the sort feature to work.*

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XMPP server domain

XMPP http-bind URL

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Always Load ConverseJS

ConverseJS Debug Mode

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Integration with Converse.js XMPP client.

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Password to allow Openfire API usage

Enables more logging, e.g. XML stanzas and error  
tracebacks to the JavaScript Console

JSON format object defining extra optional settings to  
initialize ConverseJS

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**Default**

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None

**Disabled**

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*The jQuery Sortable Tables feature must be activated for the sort feature to work.*

New in [Tiki17](#): the addition of the [ConverseJS XMPP client](#).  
New in [Tiki19](#): [PluginXMPP](#) to embed a chatroom in a wiki page



The reference implementation is with Openfire, but this should work with any XMPP server (perhaps with fewer features).

alias

- [Converse.js](#)
- [ConverseJS](#)
- [Converse JS](#)