

XMPP

<https://conversejs.org/> was added to [Tiki17](#) and the integration enhanced in [Tiki19](#)

Open & Pending Bugs

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Infos

Please see [ConverseJS presentation at FOSDEM 2017](#)

See also: [Openfire](#) and [Federation](#).

In the context of WikiSuite: [Interoperability between Tiki Wiki CMS Groupware and Openfire](#)

Related: [SAML](#) and [Oauth](#)

See also: [Apps building on and beyond XMPP](#)

<https://blog.vucica.net/2018/02/what-can-xmpp-do-that-irc-cant.html>

Interesting code / lib / projects

<https://packagist.org/search/?q=xmpp&orderBys%5B0%5D%5Bsort%5D=downloads&orderBys%5B0%5D%5Border%5D=desc>

<https://packagist.org/packages/candy-chat/xmpp-prebind-php>

"However, I expect webchat XMPP clients to become more and more prevalent in the coming years, even on the desktop, for example when packaged with Github's Electron (an Electron version of converse.js is planned BTW, based on the fullscreen version inverse.js)." Source: https://opkode.com/blog/strophe_converse_sasl_external/

ConverseJS

Some wisdom from JC Brand (author of ConverseJS)

```
> High level XMPP roadmap:
>
> Short term:
> * The first step would be to add a personal chat to Tiki, like in this
> video: http://quintagroup.com/cms/js/converse.js If logged in to
> Tiki, we'd want XMPP presence indicator and 1-click to start a chat
> with them (and be already logged in)
```

There are various approaches you can take here.

Usually how it works:

1. The XMPP user gets authenticated to the XMPP server, by the platform (e.g. Tiki, or in the quintagroup article Plone).
2. Often this happens with the platform making a BOSH HTTP call to the XMPP server, to establish a session and to get the BOSH tokens(RID, SID) back.
3. The platform then returns those tokens to converse.js, and it uses them to attach to the pre-established session.

A bit more info on this is here:

<https://conversejs.org/docs/html/setup.html#session-support>

<https://packagist.org/packages/jaxl/jaxl>

Current files in Tiki related to XMPP

- <https://gitlab.com/tikiwiki/tiki/blob/master/db/config/controllers.xml>
- <https://gitlab.com/tikiwiki/tiki/blob/master/lib/core/Services/Xmpp/Controller.php>
- <https://gitlab.com/tikiwiki/tiki/blob/master/lib/prefs/xmpp.php>
- <https://gitlab.com/tikiwiki/tiki/blob/master/lib/xmpp/TikiXmppPrebind.php>
- <https://gitlab.com/tikiwiki/tiki/blob/master/lib/xmpp/xmpplib.php>
- <https://gitlab.com/tikiwiki/tiki/blob/master/modules/mod-func-xmpp.php>
- <https://gitlab.com/tikiwiki/tiki/blob/master/templates/modules/mod-xmpp.tpl>

See also:

<https://github.com/otalk/otalk-im-client>

<http://sdelements.github.io/lets-chat/>

<https://www.zulip.org/>

<https://github.com/digicoop/kaiwa/commits/master>

<https://github.com/RocketChat> (not XMPP)

<https://www.goffi.org/b/9555cc02-6a87-4b6b-af85-20f1c0736722/xmpp-based-tickets-merge-requests-with>