

Federation

This page is to document and brainstorm on what to use and improve Tiki in a federated context. Ex.: several Tiki instances need to work together somehow. (vs [Workspaces](#) within one Tiki). This includes [SisterWiki](#), [InterTiki](#) and the [Communication Center](#).

Xavier's thoughts

- My wish:
 - Workspaces were mature enough for that (like course in Moodle, etc). (Power) End user creates a new space, and every thing works (like a jail) by default allowing full delegated perms inside but no extra perms outside.
 - However, I fear that Workspaces to be used in production by end users (not by experienced Tiki admins or power users) would need another effort of improvement, and probably, a Tiki Fest to gather and implement the ideas needed to be discussed and implemented in a common direction, etc.
- My implementation if I had little time and/or budget and I needed something like this?:
 - federation (separated Tikis) and switch / enable / improve current features for search, login, links, etc., as indicated below. . And maybe reusing [Multitiki](#) if all the tikis require same version, and/or tweaks, design, maintenance, etc.

Existing features in Tiki

- [Web Services](#)
- [Federated Search](#), including "Elasticsearch Tribe Node URL"
- [Remote Tiki Autologin](#)
- [Content Authentication](#)
 - [Files Tracker Field](#)
- [External Wikis](#)
- [Tracker Synchronization](#)
- [Email - Mailing lists - Forum Synchronization](#)
- [LDAP Synchronization](#)
- [Webmail \(IMAP/POP3\) Synchronization](#)
- [InterTiki](#)
- [Communication Center](#) Send and Receive Articles and wiki pages
- [CDN](#)
- [Raw page display](#) - shared wiki page content served as text/css file type resource so you can do things like federated [Sister Sites Customizations](#) with collaborative editing and version history - ideal for quick fixes and there is no more need for copy-pasting manually in Custom CSS textareas and making sure one is keeping the sites in sync...
- Wiki-plugins fetching remote content/wiki pages:
 - [PluginHTMLFeed](#)
 - [PluginHTMLFeedLink](#)
 - [PluginSnarf](#)

Wishes

Rating	Subject	Submitted by	Importance	Easy to solve?	Priority	Category	Volunteered to solve	Created	LastModif	Comments
<ul style="list-style-type: none"> ★☆☆ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (2) ? 	Offline Tiki: add a way to save/view content offline	edjusted	3	3	9	• Feature request		2007-11-26	2018-10-05	12 david@ndu-30 Jul 20
<ul style="list-style-type: none"> ★☆☆ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ? 	InterTiki backlinks / SisterWiki / Extend External Wiki feature	Marc Laporte	4	2	8	• Feature request • Dogfood on a *.tiki.org site		2008-06-05	2016-11-16	1 marclaporte-11 Aug 14
<ul style="list-style-type: none"> ★☆☆ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ? 	Wiki Plugins to be able to fetch data from another Tiki instance (Federation)	Marc Laporte	2	2	4	• Feature request		2016-11-15	2016-11-15	5 marclaporte-26 Oct 17
<ul style="list-style-type: none"> ★☆☆ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ? 	Send Wiki Pages XMLRPC erases remote host information when adding pages to send	amette	6		30	• Usability		2005-10-08	2007-06-12	0
<ul style="list-style-type: none"> ★☆☆ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ? 	SisterWiki links between doc.tiki.org and dev.tiki.org	Marc Laporte			25	• Documentation (or Advocacy) • Community projects • Dogfood on a *.tiki.org site		2009-04-18	2016-11-16	0

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● ★★½ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ?	Broadcast message body is empty	pabs_agro	4		20	• Error		2010-04-16	2010-04-16	2 tbp-08 Nov 11
⊕ ★★½ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ?	Update Plugin Jabber to working state again	Xavier de Pedro	8	2	16	• Feature request • Dogfood on a *.tiki.org site • Regression		2016-04-08	2018-03-16	3 marclaporte-16 Mar 18
ⓘ ★★½ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ?	Send/Receive wiki pages sould offer an option to send the whole history	Marc Laporte	3		15	• Feature request • Dogfood on a *.tiki.org site		2007-07-30	2008-10-27	1 marclaporte-29 Nov 13
⊕ ★★½ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ (0) ?	Palm Syncing	Marc Laporte	2		10	• Feature request		2005-06-09	2008-10-06	2 pkdille-05 Oct 08

Related use case

- Being able to share content between t.o websites, Something like (list of all new stuff in Tiki17):

```
{include page=tiki17 site=doc.tiki.org filter=h2,h3 truncate_char=70}
```

- Advanced configs of trackers that are on master are replicated on the slaves: Data lives on slaves, and configs are taken from master (need migration scripts of certain changes) for the <http://wikisuite.org/White-label-SaaS-platform>
- <https://suite.tiki.org/Tiki+Suite+F2F>
- <http://wikisuite.org/SaaS-platform-template>

Sharing categories

- Some categories can be shared between sites. Ex.: main site has category list and some sister sites should mirror it.

See also

- [IndieWeb](#) Webmentions, etc.
- [Microformats](#)
- [API](#)
- [Distributed data](#)
- [XMPP](#)
- [Notifications Revamp](#)
- [Solid](#)

XMPP-related

- <http://xmpp.org/extensions/xep-0004.html>
- <https://www.goffi.org/b/9555cc02-6a87-4b6b-af85-20f1c0736722/xmpp-based-tickets-merge-requests-wit-h>

Groups and permissions

- Group names should be shared between Tikis (like we do for *.tiki.org federation) to permit proper access control.

Related link

- [https://en.wikipedia.org/wiki/Federation_\(information_technology\)](https://en.wikipedia.org/wiki/Federation_(information_technology))
- https://en.wikipedia.org/wiki/Federated_identity
- https://en.wikipedia.org/wiki/Distributed_social_network
- <https://en.wikipedia.org/wiki/Webmention>
- <https://github.com/WardCunningham/Smallest-Federated-Wiki>
- <https://datproject.org>
- [GitLab: Implement cross-server \(federated\) merge requests](#)

alias

- [Smallest Federated Wiki](#)
- [Communication Center](#)