

Interoperability

Tiki is the [FLOSS Web Application with the most built-in features](#). But what about connecting with the outside World?

This page is intended to be a summary of all connections to services, technologies or standards that enhance Tiki. This page will replace (combine) <http://tiki.org/TikiPartner> and <http://tiki.org/TikiStandards>

Related: [Operating System independence](#) and [Database independence](#).

1.1. Components

Just because Tiki implemented a very large number of features, it doesn't mean we are afflicted by the [Not Invented Here](#) syndrome.

Tiki relies on:

- [PHP](#) scripting language
- [Smarty](#) template engine
- [MySQL](#) database
- [Zend Framework](#)
- [jQuery](#) JavaScript library

Tiki makes good use of several [External Libraries](#)

1.2. Connect toÂ services

1.2.1. Social bookmarking like Digg, Technorati, del.icio.us, etc



1.2.2. Shelfari

Share your [Shelfari](#) bookshelf through a wiki plugin
http://tiki.org/tiki-view_blog_post.php?blogId=26&postId=344



1.2.3. Last.fm

Play music from <http://last.fm> through a wiki plugin.
http://tiki.org/tiki-view_blog_post.php?blogId=26&postId=346



1.2.4. Skype

Skype Plugin. Call or chat with a Skype user. See: [Skype](#)



1.2.5. Facebook

We have a Facebook group 😊

<http://www.facebook.com/group.php?gid=6607687318>

and page: <http://www.facebook.com/pages/Tiki/283341222247>

And in [Tiki6](#), there is an integration with Facebook (to publish links) in the [Share](#) feature.

1.2.6. Youtube

YouTube

1.2.7. GoogleÂ Docs

[Google Docs](#)

1.2.8. GoogleÂ Gadgets

Google Gadgets

1.2.9. GoogleÂ Video

[Google video](#)

1.2.10. Google Maps

Google Maps

1.2.11. Google AdSense

Google AdSense

1.2.12. Google Analytics

Google Analytics

1.2.13. Google WebFonts

Google Web Fonts

1.2.14. Google WebsiteÂ Translator

[Google Website Translator](#)

1.2.15. PayPal

To use some code provided by [PayPal](#)

1.2.16. Bing TranslatorÂ (Microsoft)

Bing Translator

1.2.17. Yahoo! groups mailing list

Forum and Mailing List Synchronization

1.2.17.1. WEB SEQUENCE DIAGRAMS

- WebSequenceDiagrams.com

1.2.17.2. FEDEX AND UPS

<https://sourceforge.net/p/tikiwiki/code/HEAD/tree/trunk/lib/shipping/>

1.2.18. Zotero

- [Zotero](#)

1.2.19. Gravatar

New in [Tiki11](#): [Gravatar](#)

1.3. To another software package

Please note that you must make sure this software is installed and working.

1.3.1. InÂ general

- API
- WebHooks
- Web Services

1.3.2.

BigBlueButtonÂ Audio/Video/Chat/Screensharing

BigBlueButton

1.3.3. Kaltura Collaborative videoÂ editing



Use this open source video project to embed a media or mix into a wiki page. See: [Kaltura's Dev Page](#) and [Kaltura](#)

1.3.4. dompdf

- domPDF

1.3.5. wkhtmltopdf

- [wkhtmltopdf](#)

1.3.6. Piwik Web analytics

- Piwik
- Matomo

1.3.7. Memcached

- Memcached

1.3.8. APC

- APC

1.3.9. XCache

- XCache

1.3.10. Mailman ("The" GNU Mailing List Manager)

Forum and Mailing List Synchronization

1.3.11. Jabber

PluginJabber

1.3.12. PHPlot

Mod phplot

1.3.13. Graphviz

Wikiplugin using Graphviz

1.3.14. R (Statistics and data visualization)



R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. For more information, see: <http://www.r-project.org>. R needs to be installed separately in your server for [PluginR](#) to work.

<http://r.tiki.org>

1.3.15. MathJax

MathJax

1.3.16. Mindmap

Mindmap

1.3.17. PhpFreeChat

Mod `phpfreechat`

1.3.18. Mapserver

[Maps Feature](#)

[Kamap interface](#) via a mod

Build maps within Tiki, linked to wiki pages to record simply the metadata of each layer

1.3.19. Source controlÂ (SVN)

Version control to Tiki bridge added to Tiki6 for Code Review

1.3.20. OpenStreetMap, OpenLayers and Google StreetÂ View

OpenStreetMap and OpenLayers

1.3.21. External Authentication

1.3.21.1. LDAP/ACTIVE DIRECTORY, IMAP, POP3 & VPOPMAIL VIA PEAR-AUTH,

[External Authentication](#) with dozens of options with [Hybridauth social login](#)

1.3.21.2. CAS

[CAS Authentication](#)

1.3.21.3. PAM

[PAM authentication](#)

1.3.21.4. SHIBBOLETH

[Shibboleth Authentication](#)

1.3.22. CClite



CClite allows to use community-defined currencies to support trading within Barter Networks using a community-trust based [Payment](#) system. See [Community Currencies](#)

1.4. Standards (Data interchange, etc)

1.4.1. RSS

Tiki generates RSS feeds and can, display, import & aggregate RSS feeds. See [Feeds](#) and [Article Generator](#)

1.4.2. Microformats

Tiki 2.0 supports the hcalendar microformat. See: [Microformats](#)

1.4.3. Universal Edit Button

Tiki supports [Universal Edit Button](#) since it was introduced.

1.5. File formats

Tiki can handle various file formats. You can store any file type in the [File Gallery](#). In addition, there are ways to handle certain file types.

1.5.1. HTML

PluginHTML

1.5.2. Images

Images can be in .gif, .jpeg or .png using the [image gallery](#) or [File Gallery](#)

1.5.3. JavaScript

PluginJS

1.5.4. Windows Media PlayerÂ movie(.wmv)

PluginWMV

1.5.5. Scalable Vector Graphics (SVG) (svg)

[SVG-edit](#) (Tiki7)

1.6. Missing

There are more at [Visualization](#). Missing interactions should be added here: [interaction](#)

1.7. Past

Now removed, but were part of Tiki's evolution.

1.7.1. Flash

PluginFlash

1.7.2. OpenID

OpenID

Alias

[Standards](#) | [Interactions](#) | [Interaction](#) | [Integration](#) | [Integrations](#)