

# 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 to 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](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](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/28334122247>

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

### 1.2.6. Youtube

[YouTube](#)

### **1.2.7. Google Docs**

[Google Docs](#)

### **1.2.8. Google Gadgets**

[Google Gadgets](#)

### **1.2.9. Google 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 Web Fonts**

[Google Web Fonts](#)

### **1.2.14. Google Website Translator**

[Google Website Translator](#)

### **1.2.15. PayPal**

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

### **1.2.16. Bing Translator (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. In general

- [API](#)
- [WebHooks](#)
- [Web Services](#)

### 1.3.2. BigBlueButton Audio/Video/Chat/Screensharing

[BigBlueButton](#)

### 1.3.3. Kaltura Collaborative video 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 control (SVN)**

[Version control to Tiki bridge](#) added to [Tiki6](#) for [Code Review](#)

### **1.3.20. OpenStreetMap, OpenLayers and Google Street 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 Player 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

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