

## Plugin Media Player

Use this [wiki plugin](#) to play a media file, like MP3, MP4, SWF, FLV, AVI, WMV, RAM, MOV, [MPEG](#), PDF, ... To play them, this plugin uses an open source media player based on Flash or a native HTML5 player.

### Parameters

Besides the parameters described at <http://flash-mp3-player.net> and <http://flv-player.net> you can use the following Tiki parameters:

(Found it at [tiki-admin.php?page=textarea&cookietab=2&highlight=wikiplugin\\_mediaplayer](http://tiki-admin.php?page=textarea&cookietab=2&highlight=wikiplugin_mediaplayer).)

Plugin Manager error: mediaplayer plugin not found

Flash MP3 Player Parameters:

Name	Description
mp3	The URL of the MP3 file to be played
autoplay	1 to auto-play
loop	1 to loop
volume	The initial volume, between 0 and 200.
skin	The URL of the JPEG file (not progressive) to load
showstop	1 to show the STOP button
showinfo	1 to show the INFO button
loadingcolor	The color of loading bar
bgcolor1	The first color of the background gradient
bgcolor2	The second color of the background gradient
buttoncolor	The color of the buttons
buttonovercolor	Hover color of buttons
slidercolor1	The first color of the bar gradient
slidercolor2	The second color of the bar gradient
sliderovercolor	Hover color of the bar
textcolor	The text color
bgcolor	The background color
byteslimit	If it is an MP3 streaming, the stream will restart at the bytes limit, to prevent overload.

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

## Troubleshooting

- Make sure you have enabled jQuery Media feature if you are not using mp3 or flv file (using the src param)
- If the player still doesn't appear, you probably got one of the plugin parameters wrong.
- If the player appears but won't play, you probably got the wrong URL to the file.

## Examples

### MP3 Examples

*For files in the file gallery:*

---

```
{mediaplayer mp3="display10"} {mediaplayer mp3="tiki-download_file.php?fileId=389"}
```

*Using actual file path:*

---

```
{mediaplayer mp3="http://usuaris.tinet.org/mikell/EntrevistaRadio4.mp3"} {mediaplayer  
mp3="http://usuaris.tinet.org/mikell/EntrevistaRadio4.mp3", style="mini"} {mediaplayer  
mp3="/test.mp3", loop="1"}
```

### Example with the src param (jQuery Media)

With [jQuery#Media](#), so that more media formats are supported once you use the param "url" in the plugin helper ("src" in the code), including pdf among others. The value in the src parameter must end with a file extension.

*Note: You need to enable "Use PDF.js" in the Settings, Control panels, File Galleries, Enhancements tab to use the plugin to display a PDF document from your File galleries.*

*This code:*

---

```
{mediaplayer  
src="https://branding.tiki.org/tiki-download_wiki_attachment.php?attId=37&page=Slideshow"  
width="100%" height="600" type="pdf"}
```

Would produce this PDF in the player



# Software made the Wiki Way

How the Wiki Way has lead Tiki to  
become the Free/Open Source Web  
Application with the most built-in  
features.

*by Marc Laporte, Tiki Wiki CMS  
Groupware project Admin*



# What I'll talk about

- Who am I?
- What is Tiki Wiki CMS Groupware?
- How is it built?
  - The Tiki model – Software made the wiki way



# MarcLaporte.com

- Wiki & CMS consultant
- 100+ wiki implementations since 2001
- Co-founder of wiki-translation.com
- Project admin for **Tiki Wiki CMS Groupware**
  - Tiki is one of the most popular wiki engines



# Tiki Wiki CMS Groupware

- **Tightly Integrated Knowledge Infrastructure**
- **Combination CMS + Wiki + Groupware**
- **Free/Open Source software (LGPL)**
- **950 000+ downloads**
- **Translated into 40+ languages**
- **1000+ pages of documentation**
- **Runs on standard PHP/MySQL making web hosting easy and inexpensive**
- **“This is one of the largest open-source teams in the world, and is in the top 2% of all project teams on Ohloh.”** source: <http://www.ohloh.net/p/tikiwiki/factoids/>



# Main use cases

- Collaboration
- Community / Social Networking
- Publishing / CMS
- Commerce/ Finance
- Productivity / Office suite (Spreadsheet, etc.)
- E-learning
- Support / CRM



# Hundreds of built-in features

Action log Alert Articles & Submissions Backlinks Backup Banner Blog  
Bookmark Browser Compatibility Cache Calendar Category Charts  
Chat Comment Communication Center Compression (gzip) Contact  
Address book Contact us Content template Contribution Cookie  
Copyright Custom Home (and Group Home Page) Date and Time  
Debugger Console Directory (of hyperlinks) Documentation (Help  
System) DogFood Drawing Dynamic Content Dynamic Variable  
External Authentication FAQ Featured links File Gallery Forum  
Friendship Network (Community) Game Gmap Google maps Group  
Help System Hotword HTML Page i18n (Multilingual, l10n, Babelfish)  
Image Gallery Install Integrator Interaction Inter-User Messages  
InterTiki JS Calendar Karma Live Support Login Lost edit protection  
Mail-in Map with Mapserver Menu Meta Tag Mini-Calendar Mobile Tiki  
and Voice Tiki Mods Module Multimedia MultiTiki MyTiki Newsletter  
Newsreader Notepad OS independence (Non-Linux, Windows/IIS, Mac,  
BSD) PDF Performance Speed / Load Permission Poll Profile  
Manager Quicktags Quiz Rating Registration RSS Score Search  
Engine Friendly Search Security Semantic links Shadowbox Shoutbox  
Site Identity Slideshow Smarty Template Smiley Spam protection  
(Anti-bot CATPCHA) Spellcheck Spreadsheet Stats Survey System  
log Tags Task Tell a Friend + Social Bookmarking TikiTests Theme  
Trackers TRIM User Administration User Files User Menu Watch  
WebHelp Webmail Wiki 3D Wiki History, page rename, etc Wiki plugins  
extends basic syntax Wiki syntax text area, parser, etc Wiki structure  
(book and table of content) Workflow WYSIWYCA WYSIWYG XMLRPC

**The Free/Open  
Source Web  
application with the  
most built-in  
features. Other  
popular apps have a  
different model:  
small core + loads  
of functionality in  
3rd party add-ons.**

**•Over 1000 settings/options in the admin panel!**





# Wiki engine

- Powerful wiki syntax
- Powerful version history and diff engine
- Book and table of content
- Email notification of changes
- Advanced plugins
- Advanced translation synchronization

The screenshot displays the Tiki Wiki engine interface. At the top, there's a navigation bar with links like Home, Themes, Examples, and Site Features. A search bar is also present. The main content area shows a diff view titled "History: Sample page" comparing "VERSION 8 WITH VERSION 14". The diff is presented in a table with columns for line numbers and the changes. The left column (Lines: 1-2, 7-11, 79-122) shows the original content, while the right column (Lines: 1-5, 10-14, 82-84) shows the modified content. Changes are highlighted in green for additions and red for deletions. The interface also includes a sidebar with a "Menu" section, "Last 10 forum posts", and "Site Config". On the right side, there are sections for "To register", "Login", and "Last changes".



# Tracker & form generator & reports

- Create custom application
- Bug tracker, application forms, contact forms, etc.
- Can create reports in wiki pages
- Multilingual
- Can link to other trackers
- 20+ field types:  
text field, text area, checkbox, numeric field, drop down, radio buttons, user selector, date and time, image, category, email, auto-increment, Google Maps, computed field, attachment, etc.

If you want to upload a screenshot, please do so here and copy-paste the wiki syntax into the form below. If you want to upload one files (php, tpl, etc) you will have the opportunity as a second step after this form.

Rating ☐ -2 ☐ -1 ☐ 0 ☐ 1 ☐ 2

Summary \*

Priority

Report type

Version

☐ 2.x

☐ Dogfood on a \*.tikiwiki.org site

☐ All / Undefined

☐ Action log

☐ Ajax

☐ Article

☐ Backup

☐ Bug: Consistency

☐ Bug: Regression

☐ Community projects

☐ Feature request

☐ Support request

☐ 1.9.x

☐ 3.x

☐ Accessibility (WAI - 508)

☐ Administration

☐ Alert

☐ Backlinks

☐ Banner

**Tracker: Staff**



[List trackers](#) [Monitor](#) [Admin trackers](#) [Edit this tracker](#) [Edit fields](#)

Members of the Departament

**Tracker Staff** [Insert new item](#)

23 items found  [filter](#)

[a](#) [b](#) [c](#) [d](#) [e](#) [f](#) [g](#) [h](#) [i](#) [j](#) [k](#) [l](#) [m](#) [n](#) [o](#) [p](#) [q](#) [r](#) [s](#) [t](#) [u](#) [v](#) [w](#) [x](#) [y](#) [z](#) [All](#) on Name and surnames

Name and surnames	User	Group	Phone	E-mail	Activity	Office
 <b>Armando Bronca</b>	admin	GROC	+34934001122	<a href="mailto:armando.bronca@ub.edu">armando.bronca@ub.edu</a>	Academic and Research Staff	65 



# Calendar

- Several calendars
- iCal
- Recurring events
- RSS feeds
- Distinct permissions

Calendar interface showing events for February 2009 UTC. The calendar displays a grid of days with events listed below each date. A tooltip for "FOSDEM '09, Brussels, Belgium" is visible, showing the time 09:00 UTC. The right sidebar contains a login form and a search bar.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
02/01	02/02	02/03	02/04 TikiFest Brussels	02/05 TikiFest Brussels	02/06 TikiFest Brussels	02/07 FOSDEM '09...
02/08 FOSDEM '09...	02/09	02/10	02/11	02/12	02/13	02/14
02/15 TikiFestMadrid	02/16 TikiFestMadrid	02/17 TikiFestMadrid	02/18 TikiFestMadrid	02/19	02/20 RecentChangesCamp.. Southern..	02/21 RecentChangesCamp.. Southern..
02/22 RecentChangesCamp.. Southern..	02/23	02/24	02/25	02/26	02/27 TikiFest Montréal..	02/28 TikiFest Montréal..



# Discussion forums

- Threaded or flat forums
- Mailing list integration
- Can use wiki syntax
- File Attachment
- Email notification of replies

The screenshot shows a forum thread on the 'New Themes' forum. The thread title is 'FF3 and Kubrick phplayer menu problem'. The first post is by 'Rbryn' on Thu 25 of Sept., 2008 11:53 CST, with 8 posts and 4388 reads. The post describes a problem with the phplayer menu in Kubrick theme. A reply by 'Gary' on Thu 25 of Sept., 2008 19:10 CST, with 203 posts, provides a solution. The thread is sorted by 'Oldest first' and has a search bar. The right sidebar shows a 'Login' form, a 'Last changes' list, and a 'Shoutbox' with recent messages.



# Blog & news articles



- Several blogs
- Topics
- Tags & categories
- RSS feeds
- Permissions
- Can use wiki syntax

**Completing Theme-o-rama module**  
Posted by [marclaporte](#) on Mon 20 of Aug., 2007 12:54 CST

---

greenmetal.css & jello.css were missing from Theme-o-rama module  
and Gary added BRTiki.css lately  
I just removed vidiki.css because it's being pulled out of Tiki. (broken & unmaintained)

---

Permalink  

---

**Php Layers Menu now in heavy testing!**  
Posted by [marclaporte](#) on Mon 20 of Aug., 2007 12:37 CST

---

Hii

I spent several hours making sure we could access/test all menu types with all the themes on this site.

We have 4 menu types:

- [Basic menu](#)
- [Tree menu](#)
- [Dynamic vertical menu](#)
- [Dynamic horizontal menu](#)

On this site, we have

7 new themes



# File & image galleries

- Hierarchical galleries
- Check-in/  
Check-out/lock
- Categories for files
- Permissions
- Watch  
(notification of change by email)

ID	T	Filename	Name	Description	Size	Created / Uploaded	Creator	Hits
7		Contacts.xml	CRM DB SCHEMA	DB Schema in XML format for DB Designer 4	94.29 KB	Mon 21 July 2003	soshea★	1902
8		contacts.pdf	crm.pdf	crm design document in pdf	467.20 KB	Mon 21 July 2003	soshea★	2146
9		rrdtool-colors.pdf	RRDtool colors	RRDtool hex color codes (grabbed from cacti)	50.80 KB	Wed 23 July 2003	ddial★	904
		oc.tgz	Packit	Packer Source	111.59 KB	Fri 01 Aug. 2003	llagerlof★	312
		tes.zip	tes	tes aja nih	8.21 KB	Thu 07 Aug. 2003	uwirsd★	348
19		200601.xml	Cathedrals, Bazaars and the Town Council	A interesting text concerning free software evolution.	20.57 KB	Wed 13 Aug. 2003	mose★	501
20		bazaar-fr-1998.ps.gz	Cathedrals, Bazaars and the Town Council	A interesting text concerning free software evolution.	31.84 KB	Wed 13 Aug. 2003	mose★	354
24		bazaar-vo-1998.pdf	Cathedrals, Bazaars and the Town Council	A interesting text concerning free software evolution.	77.14 KB	Sun 17 Aug. 2003	mose★	1064
42		SimpleCSSEdit.swf	SimpleCSSerror	An obsolete flash file showing rendering issues of Simple style. These issues has been already fixed in Tiki.	424.34 KB	Thu 11 Dec. 2003	DennisDaniels★	742
45		LinkingErrorsintiki.swf	movie of errors in cvs	flash	593.01 KB	Fri 09 Jan. 2004	DennisDaniels★	555



# Multilingual

- Translated to 35+ languages
- Wiki has awesome i18n change tracking
- Wiki-translation.com

## Update 'Call for Participation' based on 'Appel à Participation'

espèrent trouver des façons de rejoindre de nouvelles communautés linguistiques. Le financement est confirmé pour les participants ayant besoin d'aide avec les coûts de transport.

espèrent trouver des façons de rejoindre de nouvelles communautés linguistiques.

### Thèmes abordés

Les thèmes qui pourront être abordés dans l'atelier comprennent, sans s'y limiter:

- Méthodes de traduction collaborative
- Projets de traduction

**Note:** This edit session will expire in 24 minutes. **Preview** or **Save** your work to restart the edit session timer.

Edit:



Babel Wiki Workshop: Cross-Language Collaboration

!Workshop Goal

The goal of this workshop is to explore how wikis and



# Permissions & groups

- Users can be in any number of groups
- Groups can be included in groups
- Registration system
- Over 200 permissions, which can be:
  - System-wide (global)
  - by item (object)
  - by category (workspaces)

<input type="checkbox"/>	tiki_p_forums_report	forums	Can report msgs to moderator	
<input checked="" type="checkbox"/>	tiki_p_forum_post	forums	Can post in forums	inherited inherited from Registered
<input checked="" type="checkbox"/>	tiki_p_forum_read	forums	Can read forums	inherited from Anonymous
<input type="checkbox"/>	tiki_p_forum_vote	forums	Can vote comments in forums	
<input checked="" type="checkbox"/>	tiki_p_forum_post_topic	forums	Can start threads in forums	inherited inherited from Registered
<input type="checkbox"/>	tiki_p_forum_edit_own_posts	forums	Can edit own forum posts	
<input checked="" type="checkbox"/>	tiki_p_view_freetags	freetags	Can browse freetags	inherited from Anonymous
<input checked="" type="checkbox"/>	tiki_p_freetags_tag	freetags	Can tag objects	inherited from Anonymous
<input type="checkbox"/>	tiki_p_admin_freetags	freetags	Can admin freetags	
<input type="checkbox"/>	tiki_p_unassign_freetags	freetags	Can unassign tags from an object	
<input type="checkbox"/>	tiki_p_admin_games	games	Can admin games	
<input type="checkbox"/>	tiki_p_play_games	games	Can play games	
<input type="checkbox"/>	tiki_p_hw_teacher	homework	Can create new homework assignments, see student names and grade assignments	
<input type="checkbox"/>	tiki_p_hw_student	homework	Can do homework assignments	
<input type="checkbox"/>	tiki_p_hw_grader	homework	Can grade homework assignments	
<input type="checkbox"/>	tiki_p_hw_admin	homework	Can adminsite homework	
<input type="checkbox"/>	tiki_p_edit_html_pages	html pages	Can edit HTML pages	
<input type="checkbox"/>	tiki_p_view_html_pages	html pages	Can view HTML pages	
<input type="checkbox"/>	tiki_p_admin_galleries	image galleries	Can admin Image Galleries	





# The Tiki model

- Open Wiki community (do-ocracy)
- Wiki Way participation to the code
- Scheduled releases
- All-in-one codebase
- No feature duplication
- Dogfood

[tiki.org/Model](http://tiki.org/Model)



# Open Wiki community

- Do-ocracy (vs other \*cracies)
- Sort of like Wikipedia but for software instead of content
- Pure play FOSS project : open source and open development.



# What is a wiki?

- It's just a web site, but easy to edit for everyone
  - Simply click edit and save
- Invented in 1995 by Ward Cunningham
  - 1<sup>st</sup> generation: text only
  - 2<sup>nd</sup> generation: permissions, workspaces, structured data, rich media, etc.
- Means “Quick” in Hawaiian
- Usage is growing fast (incl. in the enterprise)
- Wikis in Plain English <http://www.youtube.com/watch?v=-dnL00TdmLY>



# Wiki Way

## **Traditional**

Propose and seek approval

Change is “expensive”

Risk averse

“Need to know” basis

## **Wiki Way**

Do, and revert if problem

Change is cheap

Get it done

All info is open by default



# Wiki Way participation to the code

- Everyone who asks for commit access gets it
  - No significant issues in 9 years
- 490+ with full write access to the complete code base
  - 250 have contributed code
- A new code commit **every two hours**

“Commit early, commit often”



# Scheduled releases

- 2 major releases per year (October and April)
- With Long Term Support version
  - Every 3<sup>rd</sup> version
  - Great for the enterprise
- Benefits of predictability
  - commercial eco-system
  - Encourages collaboration (work in trunk)

*In such a diverse community, it's more realistic to agree on a date than a feature-list.*



# All-in-one codebase

- No core vs module debate
- All developers are core developers
- All features and languages in the same download
- Each feature is optional
- Inherent synchronized releases (all features have to be ready at the same time)
- Reduces risk of module lock-in



# No feature duplication

- In a wiki, similar/related content is merged, so the same is applied to features
- Solves the plugin chaos & dependency hell problem found in many applications.

**Tiki is the Free/Open Source Web Application with the most built-in features.**





# Dogfood

- Dogfooding: "an expression that comes from the idea that companies should eat their own dog food, or use their own products."

Tiki is a community recursively developing a community management system



# Coping with complexity

- Doesn't this add more complexity?
- Tiki 7.1 contains 11348 files (1M LoC)
- Half the code is NIH (Smarty, Zend Framework, jQuery, etc.), so we maintain about 6000 files (incl. image files)
- Sounds like a lot?



# Putting things in perspective

- The Tiki community maintains about 6000 files
  - Joomla! has 8097 "extensions"
  - Drupal has 11406 "modules"
  - WordPress has 16066 "plugins"
- Thus, they have more extensions to maintain than we have files!
  - and since they can't possibly maintain them all, it leads to dead-end extensions and disappointed end-users
- Just about any project you could do with Joomla!, WordPress or Drupal, you could also do it with Tiki with less overall complexity -> <https://tiki.org/Coping+with+Complexity>



# Benefits & challenges

- Offers **benefits**

- Tons of features, without duplication, excellent code re-use and code review, more collaboration, tight integration, easy upgrades, excellent interaction between features, etc.
- Permits huge changes between versions **because** we don't have to worry about breaking 3<sup>rd</sup> party extensions.

- But does bring **challenges**

- Admin panels: with a total of over 1000 settings/options! (we had to add a search and basic/advanced/experimental filters!)
- Learning curve for users and devs: 1000+ pages of documentation
- What should be sensible defaults?
- Trade-off of innovation and upgradeability



# Tiki Suite

- Going beyond PHP/MySQL
- Integrated Web and desktop suite
- Phone system, XMPP chat, etc

<http://suite.tiki.org/>



# Questions?

- [Tiki.org](http://Tiki.org)
- [Wiki-translation.com](http://Wiki-translation.com)
- [marc@marclaporte.com](mailto:marc@marclaporte.com)
- About the Tiki model:
  - [Tiki.org/Model](http://Tiki.org/Model)
- But mostly:
  - [Tiki.org/Download](http://Tiki.org/Download)





Thank you!

**Alternatives** to display PDFs.

[Wiki Plugin PluginWebDocViewer](#) is similar.

- If you run into problems with one, it's nice to have a second option to try.

WebM (VP8 codec)

*This code:*

---

```
{mediaplayer src="tiki-download_file.php?fileId=465&display=y" type="webm"}
```

*Would produce something like:*

**WebM:** an open web media project

The WebM Project is dedicated to developing a high-quality, open video format for the web that's freely available to everyone.

<https://www.webmproject.org>

File gallery file in a blog post

An example for a successful use of the maxi Mediaplayer in a blog post looks like this (only caveat is to have access rights for the relevant user group by setting tiki\_p\_download\_files to yes - sometimes, a restart of the browser seems to be necessary to make those rights work...)

---

```
{mediaplayer  
mp3="http://example.com/tiki-download_file.php?fileId=1&showstop=1&showinfo=1&showvolume=1"  
style="maxi"}
```

PDF from a Tiki file gallery on a Wiki page

This also works for a pdf file in a file gallery beginning in version 10

Note that you can use the [PDF parameters](#) by adding them to the URL as shown in the example below. It is using a Tiki with SefURL enable.

<b>With the fit view parameter</b>
------------------------------------

---

```
{mediaplayer src="display1134#view=fit" type="pdf"}
```

Would produce something like:



And it displays the PDF file with the ID 1134. You will need [ViewerJS](#)  
Starting in [Tiki19](#), you can get [PDF.js viewer](#) via [Packages](#)

- An alternative is to use [PluginWebDocViewer](#) to display PDFs. (May display better on some smart phones and tablets.)

### Collection of References on doc.tiki.org

- [Print](#) general info about printing
- [PDF](#) general overview about PDF creation in Tiki
- [mPDF](#) create PDFs from Tiki content (advanced library that works even on shared hosting). Recommended for Tiki18+
- [PluginPDF](#) alter default settings of mPDF per wiki page
- [PluginPDFPageBreak](#) add a page break for PDFs created with mPDF
- [PluginMediaPlayer](#) display PDF file from file gallery
- [PDF.js viewer](#) PDF.js from Mozilla
- [ViewerJS](#): a script to view PDFs and ODFs, which bundles WebODF
- [PluginArchiveBuilder](#) Generate a zip file, including PDFs from wiki pages
- [WeasyPrint](#) A PDF generation option in Python
- [wkhtmltopdf](#) create PDFs from Tiki content (needs root installation)
- [dompdf](#) once used for PDF print of slideshows

### MP4 Using native player

---

```
{mediaplayer type="video/mp4" style="native" width="640px"  
src="https://doc.tiki.org/tiki-download_wiki_attachment.php?attId=81" }
```

### Related regarding media in general

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[PluginBlipTV](#)

[PluginVimeo](#)

[PluginWatershed](#)

[PluginYouTube](#)

If you prefer the Flash player you can download the player itself (an .swf file) from <http://flash-mp3-player.net> or <http://flv-player.net> or <http://code.google.com/p/mp3player> or <http://code.google.com/p/flvplayer/>. If you do, you will need to edit the plugin (at [lib/wiki-plugins/wikiplugin\\_mediaplayer.php](#)) and change the default source in the plugin code or add it as a "where" parameter in that instance of the plugin.

### Aliases

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[PluginMedia](#)