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.) Add a media player to a page Introduced in Tiki 3.

Go to the source code

 ${\it Preferences \ required:} \ wikiplugin_mediaplayer$

Parameters	Accepted Values	Description		Since
height		Player height in px or %		10.0
width		Player width in px or %		10.0
type	url	File type for source URL, e.g. mp4, pdf or odp. Specify one of the supported file types when the URL of the file is missing the file extension. This is the case for File Gallery files which have a URL such as tiki-download_file.php?fileId=4&display or display4 if you have Clean URLs enabled.		10.0
mediatype	(blank) audio video	Media type for HTML5		13.2
mp3		Complete URL to the media to include, which has the appropriate extension.		27.0
src		Complete URL to the media to include, which has the appropriate extension. If your URL doesn't have an extension, use the File type parameter below.		6.0

Flash MP3 Player Parameters:

Name	Description	
mp3	The URL of the MP3 file to be played	
autoplay	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	

Name	Description	
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	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.	

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:

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 you	ır File	galleries.

This code:

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, I10n, 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

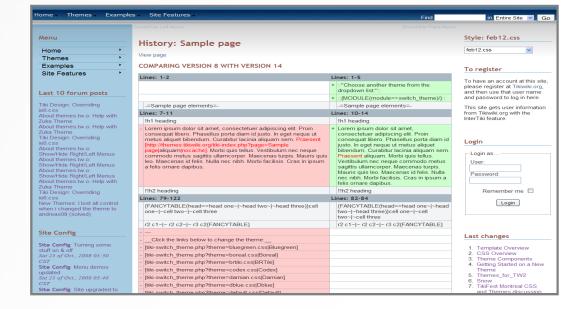
The Free/Open
Source Web
application with the
most built-in
features. Other
popular apps have a
different model:
small core + loads
of functionality in
3rd party add-ons.

•Over 1000 settings/options in the admin panel!



Wiki engine

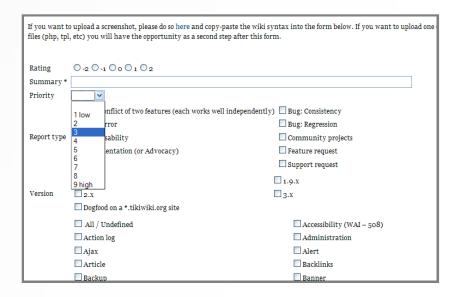
- Powerful wiki syntax
- Powerful version history and diff engine
- Book and table of content
- Email notification of changes
- Advanced plugins
- Advanced translation synchronization

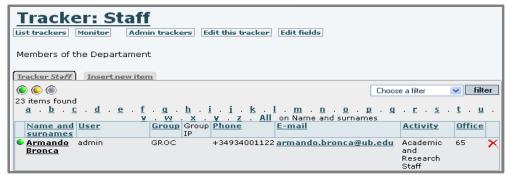




Tracker & form generator & reports

- 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, autoincrement, Google Maps, computed field, attachment, etc.

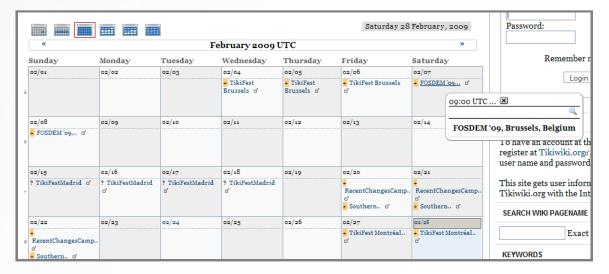






Calendar

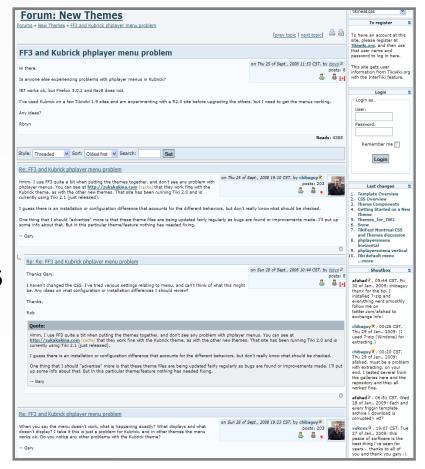
- Several calendars
- · iCal
- Recurring events
- RSS feeds
- Distinct permissions





Discussion forums

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





Blog & news articles

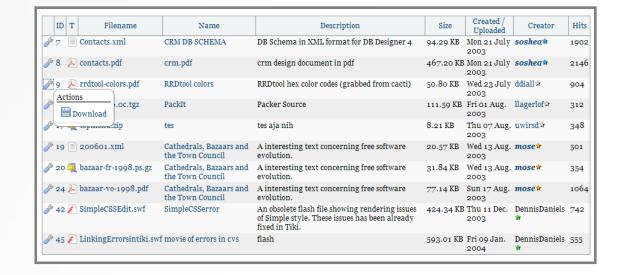
- Several blogs
- Topics
- Tags & categories
- RSS feeds
- Permissions
- Can use wiki syntax

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	
Hi!	
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	



File & image galleries

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



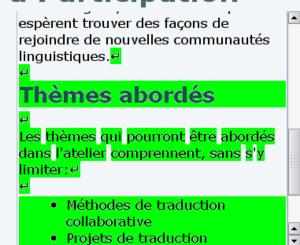


Multilingual

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



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)

tiki_p_forums_report	forums	Can report msgs to moderator
∀ tiki_p_forum_post	forums	Can post in forums inherited inherited from Registered
	forums	Can read forums inherited from Anonymous
tiki_p_forum_vote	forums	Can vote comments in forums
	forums	Can start threads in forums inherited inherited from Registered
tiki_p_forum_edit_own_posts	forums	Can edit own forum posts
	freetags	Can browse freetags inherited from Anonymous
▼ tiki_p_freetags_tag	freetags	Can tag objects inherited from Anonymous
tiki_p_admin_freetags	freetags	Can admin freetags
tiki_p_unassign_freetags	freetags	Can unassign tags from an object
tiki_p_admin_games	games	Can admin games
tiki_p_play_games	games	Can play games
tiki_p_hw_teacher	homework	Can create new homework assignments, see student names and grade assignments $% \left(1\right) =\left(1\right) \left(1$
tiki_p_hw_student	homework	Can do homework assignments
tiki_p_hw_grader	homework	Can grade homework assignments
tiki_p_hw_admin	homework	Can adminsiter homework
tiki_p_edit_html_pages	html pages	Can edit HTML pages
tiki_p_view_html_pages	html pages	Can view HTML pages
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



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
 - 1st generation: text only
 - 2[™] 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 3rd 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 3rd 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
- Wiki-translation.com
- marc@marclaporte.com
- About the Tiki model:
 - Tiki.org/Model
- But mostly:
 - 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...)

 $\label{lem:com/tiki-download_file.php?fileId=1&showstop=1&showinfo=1&showvolume=1"style="maxi"} \\$

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.

With the fit view parameter

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

Would produce something like: PDF not supported

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

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

PluginMedia