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.)

Tiki Doc From Code error: mediaplayer 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.

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

- **T**ightly **I**ntegrated **K**nowledge **I**nfrastructure
- 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

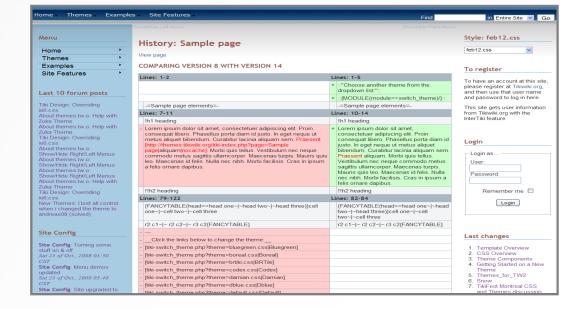•**Over 1000 settings/options in the admin panel!**

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.
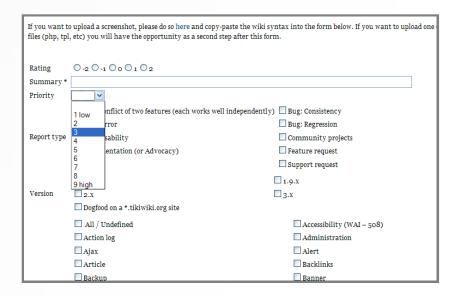
Wiki engine

- **Powerful wiki syntax**

- **Powerful version history and diff engine**

- **Book and table of content**

- **Email notification of changes**

- **Advanced plugins**

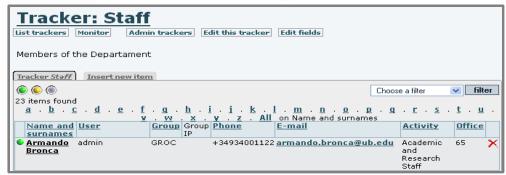- **Advanced translation synchronization**

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, auto-increment, Google Maps, computed field, attachment, etc.
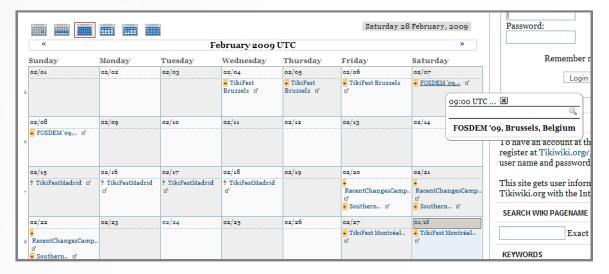
Calendar

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

Discussion forums

- **Threaded or flat forums**

- **Mailing list integration**

- **Can use wiki syntax**
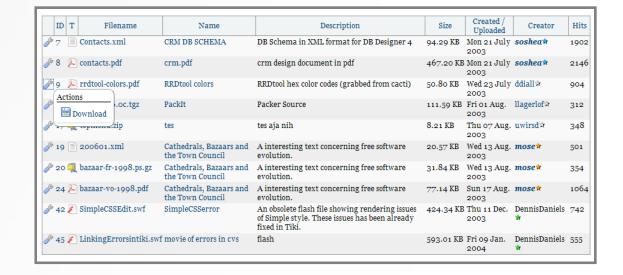
- **File Attachment**

- **Email notification of replies**

Blog & news articles

- **Several blogs**

- **Topics**

- **Tags & categories**

- **RSS feeds**

- **Permissions**

- **Can use wiki syntax**

File & image galleries

- **Hierarchical galleries**

- **Check-in/ Check-out/lock**

- **Categories for files**
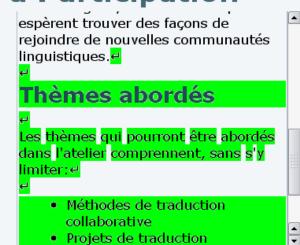
- **Permissions**

- **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	ddiall☆	904
		.oc.tgz	PackIt	Packer Source	111.59 KB	Fri 01 Aug. 2003	llagerlof☆	312
17		topneria.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

Actions

💾 Download

Multilingual

- **Translated to 35+ languages**

- **Wiki has awesome i18n change tracking**

- **Wiki-translation.com**

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
☑ tiki_p_forum_read	forums	Can read forums	inherited from Anonymous
☐ tiki_p_forum_vote	forums	Can vote comments in forums	
☑ tiki_p_forum_post_topic	forums	Can start threads in forums	inherited | inherited from Registered
☐ tiki_p_forum_edit_own_posts	forums	Can edit own forum posts	
☑ tiki_p_view_freetags	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	
☐ 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

  - 2nd 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	Wiki Way
Propose and seek approval	Do, and revert if problem
Change is "expensive"	Change is cheap
Risk averse	Get it done
"Need to know" basis	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...)

```
{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.

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