

# Tiki19

Tiki 19.0 was released in November 2018.

It was a Standard Term Support (STS) version and was supported until Tiki 20.1 was released, as per the Tiki lifecycle policy

## Requirements

See Requirements

*Alphabetically sorted*

# 1. New Features andÂ Improvements

# 1.1. Admin panel

Add warning message in admin control panel when Tiki detects vendor folder issues:

<http://sourceforge.net/p/tikiwiki/code/66408>

Top quick admin bar and sticky floating apply buttons for admin forms. Detail at Tiki19 Admin Enhancements

# 1.2. Bootstrap

This is the most far reaching upgrade in Tiki19: Moved from Bootstrap 3 to 4.  
See <https://themes.tiki.org/Bootstrap-3-to-4-transition>

# 1.3. Browser compatibility

As Tiki transitions from Bootstrap 3 to 4, support for Internet Explorer 8 and 9 is being dropped. Internet Explorer 10 also stops being fully supported officially, but it should mostly work.

# 1.4. Calendar

Moved from old no-longer supported fork fullcalendar-resourceviews to latest and greatest official FullCalendar, and Scheduler (GPL) available via Packages -> <https://sourceforge.net/p/tikiwiki/code/66298>

Also using Bootstrap 4!

<http://sourceforge.net/p/tikiwiki/code/66816>

# 1.5. Elasticsearch

Added support for Elasticsearch 6.x while maintaining support for 2.x and 5.x see [Elasticsearch requirements](#).

# 1.6. Email threading

Add email threading capabilities for tiki email notifications in Forums and Blog Post comments:  
<http://sourceforge.net/p/tikiwiki/code/65982>



# 1.7. Federation

Sync Dev-Prod Servers Tiki instances - admin tool to show differences between configuration, trackers, fields and wiki pages

<http://sourceforge.net/p/tikiwiki/code/67442>

# 1.8. Forums

Better URLs: <http://sourceforge.net/p/tikiwiki/code/66574>

# 1.9. File previews

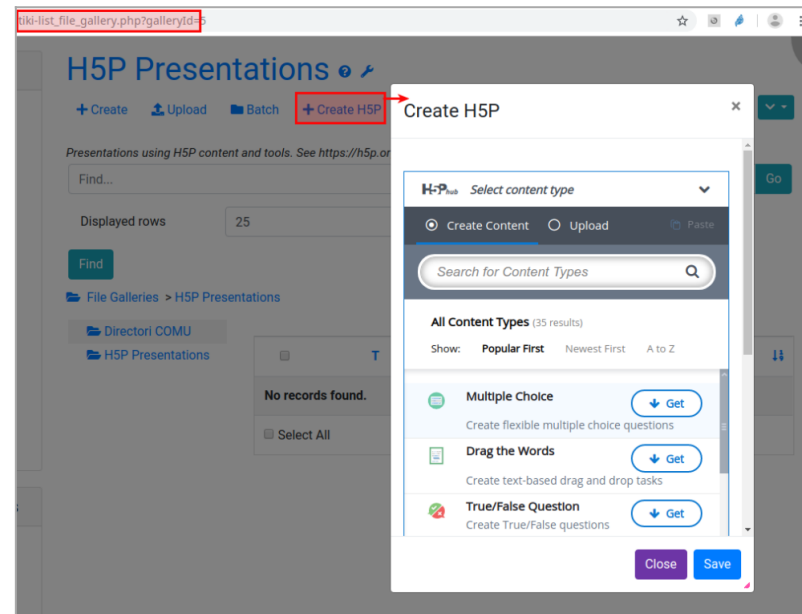
- <http://sourceforge.net/p/tikiwiki/code/67215>
- <http://sourceforge.net/p/tikiwiki/code/66367>

# 1.10. Gantt charts

- <http://sourceforge.net/p/tikiwiki/code/67619>
- PluginGanttChart

# 1.11. H5PÂ improvements

Some improvements were added to H5P. For instance, the ability to directly fetch presentations from the remote H5P hub site:



Click to expand

See: H5P

# 1.12. Links, from absolute to relative

Add preference to convert tiki instance absolute URLs with relative URLs in content: URL conversion from absolute to relative

# 1.13. LDAP / Active Directory support

- Replace PEAR Net\_LDAP2 (no longer maintained) with Zend\Ldap:

<http://sourceforge.net/p/tikiwiki/code/66965>

- <https://tiki.org/forumthread69666-External-groups-by-LDAP-distinguishedName-in-Tiki-19>

- <https://sourceforge.net/p/tikiwiki/code/66977>

# 1.14. MediaWikiÂ importer

Add support to import information in the MediaWiki format 0.6 to 0.10

<https://sourceforge.net/p/tikiwiki/code/65119>

MediaWiki Importer



# 1.15. MenuÂ revamp

Remove the CSS menu (suckerfish/superfish) menu type, and enhance Bootstrap menus with the SmartMenus system which offers most suckerfish features and also permits "Mega Menus" (enhancement as an admin option) - <http://sourceforge.net/p/tikiwiki/code/66963> .

# 1.16. Minification

Make the filenames of minified CSS files be based on the contents of all the files, not just the filenames, so that when anything changes within a file, i.e. after an upgrade or bug fix, browsers will automatically get the new version of the code. Since this uses a server-side cache which is not validated, client-side cache will only be forced after the Tiki server's cache is cleared. This had already been done for JavaScript in Tiki 18.x

- <http://sourceforge.net/p/tikiwiki/code/67650>
- <http://sourceforge.net/p/tikiwiki/code/67651>
- <http://sourceforge.net/p/tikiwiki/code/67652>
- <http://sourceforge.net/p/tikiwiki/code/67653>
- <http://sourceforge.net/p/tikiwiki/code/67654>

See Minify CSS

# 1.17. Modules

# 1.17.1. Site logo module

Admins can now easily change the site logo by hovering over it, clicking the icon that appears and uploading a new logo directly to file gallery.

# 1.17.2. Websearch module

To perform a search by choosing from multiple search engines.

# 1.17.3. Permissions module

# 1.17.4. Module to switch admin's language

# 1.17.5. Module to enable quick admin bar

Top Admin Bar works on the top position and gives a mini control panel to Tiki Admins.



# 1.18. Multilingual

- Add option to display the admin panel in different language, also backported to Tiki18
  - <http://sourceforge.net/p/tikiwiki/code/66314>
- Enable translation of preferences. Active for browsertitle, metatag\_keywords, metatag\_description, also backported to Tiki18

# 1.19. Newsletter

Improvements in `wikiplugin_subscribenewsletter` on layout and mandatory fields:  
<http://sourceforge.net/p/tikiwiki/code/66573>

# 1.20. Performance

# 1.20.1. Add new console command to generate/warmup caches, and in TRIM as well

<http://sourceforge.net/p/tikiwiki/code/66590>

<http://sourceforge.net/p/tikiwiki/code/66591>

# 1.20.2. Allow image lazy loading

Using <https://github.com/ApoorvSaxena/lozad.js>  
<https://sourceforge.net/p/tikiwiki/code/67376>

# 1.21. PDF.js

For PDF viewing, we will start using code directly from Mozilla's PDF.js, and installable via Packages -> PDF.js viewer

<http://sourceforge.net/p/tikiwiki/code/66297>

<http://sourceforge.net/p/tikiwiki/code/66207>

# 1.22. Permissions

# 1.22.1. Module to help site admin to know who has which permission on each object

- Module permissions



# 1.22.2. Mini-revamp



This section needs cleanup.

- parent/child functionality and tests for: files/file galleries, posts/blogs, threads/forums, events/calendars, articles/topics. It also adds the necessary tests for this functionality.
- tracker item permission links, so users can set up permissions on individual tracker items
- extended permission page to show if the permissions you view are global, category based, parent object based or direct. New thing here is parent object permissions - so if you view a child objects permissions and are actually looking at parent's object, it says so and offers a link to go and edit the parent object's permissions (i.e. tracker ones) directly.

Now, almost all of this work will be useless unless we offer Tiki users a way to manage permissions on the child level. I think that's the purpose of this task, right? I mean, up to now, there was no way of setting tracker item individual permissions, blog posts individual permissions, article individual permissions, calendar items individual permissions and so on. There is no such UI. We also don't have ability to set up individual file permissions but all file-related permissions work on the file gallery. This commit makes it possible to use parent-level permissions for all these entities but we still don't have UI to set those permissions. Furthermore, there are numerous places in Tiki where permissions are enforced and they all work on the parent-level - i.e. checking if a file could be downloaded actually checks if you have download permission on the file gallery file resides in. I plan to change this the following way:

- anywhere a child permission is needed, it is checked first and then the parent one is

- used (e.g. download a file, view a blog post, edit an article, etc.)
- anywhere a parent permission is needed, it is still checked on the parent level (e.g. upload a file in a gallery, add a blog post, etc.)
- add Permission links to all Wrench icon/settings menu items for all the child entries - i.e. allow users to edit individual blog post, file, article, forum thread or calendar event permissions.
- <https://sourceforge.net/p/tikiwiki/code/66976>
- <https://sourceforge.net/p/tikiwiki/code/67218>
- <https://sourceforge.net/p/tikiwiki/code/67206>
- <https://sourceforge.net/p/tikiwiki/code/67203>
- <https://sourceforge.net/p/tikiwiki/code/67200>

## 1.22.3. List ordering

At `tiki-objectpermissions.php` it is now possible to order the Permissions by modifying the way you want the `tiki-objectpermissions_order.yml` file.

You can edit `db/config/tiki-objectpermissions_order.yml` and move the permission in the order you prefer.

This is reserved for power users for now but it may soon help to improve Tiki UX by "better" organising the permissions or an option for several sets distributed with the release.

# 1.23. Profiles

<http://sourceforge.net/p/tikiwiki/code/66243> (backported to 18.x)

# 1.24. Scheduler

- Add a new scheduler tasks to notify admins of Tiki updates
- Supports profiles
- <http://sourceforge.net/p/tikiwiki/code/66254> (backported to 18.x)
- <http://sourceforge.net/p/tikiwiki/code/66255> (backported to 18.x)
- <http://sourceforge.net/p/tikiwiki/code/66098>
- <http://sourceforge.net/p/tikiwiki/code/66144>
- <http://sourceforge.net/p/tikiwiki/code/66143>

# 1.25. Share

<https://sourceforge.net/p/tikiwiki/code/66939>

# 1.26. SlideshowÂ revamped

- JQuery.s5 based tiki-slideshow.php replaced with more advanced Reveal.js library
- <https://github.com/hakimel/reveal.js>
- PDF export is done via mPDF

# 1.27. Spam protectionÂ improvements

- antibot captcha

<http://sourceforge.net/p/tikiwiki/code/66919>

<http://sourceforge.net/p/tikiwiki/code/66916>

<http://sourceforge.net/p/tikiwiki/code/66503>

# 1.28. Stats

Google Analytics and Piwik Matomo Analytics: Added a way to include or exclude groups.

Use case: when a Tiki instance has a combined use case of a public website and a restricted Intranet, it's nice to have Piwik Matomo and / or Google Analytics for anonymous visitors to see most popular pages, time on site, etc. But for logged in users, it's not so interesting and it skews the stats.

<http://sourceforge.net/p/tikiwiki/code/65976>



# 1.29. Themes

Converted from Bootstrap 3 to 4

# 1.29.1. Theme Customizer

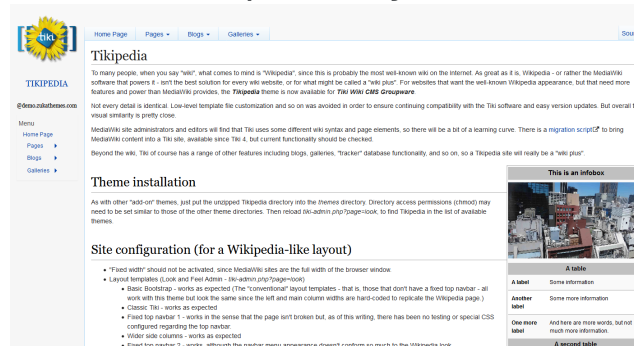
"Style Guide Tool" renamed to "Theme Customizer" and converted to Bootstrap 4

# 1.29.2. ThemeÂ installer

Experimental: <https://sourceforge.net/p/tikiwiki/code/67603>

# 1.29.3. Tikipedia theme -Â new

The Tikipedia theme was added to the package following user requests. It was evaluated that there is no license incompatibility issue.



The screenshot shows a web page for the 'Tikipedia' theme. The page has a header with navigation links: Home Page, Pages, Blogs, Galleries, and Source. The main content area is titled 'Tikipedia' and contains several sections:

- Tikipedia**: A paragraph explaining that 'Tiki' is a portmanteau of 'Wiki' and 'Tiki', and that the theme is designed to be a 'wiki plus' for websites that want the look of Wikipedia but need more features and power than MediaWiki provides. It mentions that the theme is now available for the **Wiki CMS** framework.
- Not every detail is identical**: A note stating that low-level template file customization and so on was avoided to ensure continuing compatibility with the Tiki software and easy version updates. It also mentions that overall the visual similarity is pretty close.
- MediaWiki site administrators and editors**: A note stating that Tiki uses some different wiki syntax and page elements, so there will be a bit of a learning curve. There is a migration script to bring MediaWiki content into a Tiki site, available since Tiki 4, but current functionality should be checked.
- Beyond the wiki**: A note stating that Tiki of course has a range of other features including blogs, galleries, 'tracker' database functionality, and so on, so a Tikipedia site will really be a 'wiki plus'.
- Theme installation**: A section explaining that as with other 'add-on' themes, just put the unzipped Tikipedia directory into the themes directory. Directory access permissions (chmod) may need to be set similar to those of the other theme directories. Then reload `/tk-admin.php/page-look` to find Tikipedia in the list of available themes.
- Site configuration (for a Wikipedia-like layout)**: A section with a list of configuration options:
  - \*Fixed width\* should not be activated**: since MediaWiki sites are the full width of the browser window.
  - Layout template (look and Feel Admin - /tk-admin.php/page-look)**
    - Basic Bootstrap**: works as expected (The 'conventional' layout templates - that is, those that don't have a fixed top navbar - all work with this theme but you the same href to the left and main column widths are hard-coded to replicate the Wikipedia page.)
    - Classic Tiki**: works as expected.
  - \*Fixed top navbar 1\***: works in the sense that the page isn't broken but, as of this writing, there has been no testing or special CSS configured regarding the top navbar.
  - Wide side columns**: works as expected.
  - \*Fixed top navbar 2\***: works, although the navbar menu appearance doesn't conform so much to the Wikipedia look.

On the right side of the page, there is a section titled 'This is an infobox' with a small image of a city street and a table with the following structure:

This is an infobox	
<b>A table</b>	
<b>A label</b>	Some information
<b>Another label</b>	Some more information
<b>One more label</b>	And here are more words, but not much more information
<b>A second table</b>	

# 1.29.4. FiveAlive theme -Â revamp

The code of the FiveAliveHS ("Happy Scroll") that was added earlier replaced the FiveAlive theme code, so in effect the FiveAlive theme was revamped. The two-color site header background style is now implemented as child theme options. Alternative child themes for each color have solid-color (gradient) backgrounds for easier handling of color contrast between the site logo/title color and background.

# 1.29.5. Removal of outdated themes

Several themes were removed from the package because of dated or quirky appearance or close similarity to other themes. These themes may be provided as aftermarket installs on request.

# 1.30. Trackers

# 1.30.1. Multi-currency

- Currency Amount Tracker Field now supports multi-currency and exchange rates.



# 1.30.2. Fix tracker change email notification to translate the status content to watcher's language

<http://sourceforge.net/p/tikiwiki/code/66325> (also backported to 18.x)

# 1.30.3. Create a tracker and tabular format from csv fileÂ import

<http://sourceforge.net/p/tikiwiki/code/66772>

# 1.30.4. Save and Comment

This feature can be enabled per tracker and permits to add a comment when saving an edit for a tracker item.

See [Save and Comment](#)

# 1.30.5. PluginTrackerlist can be converted toÂ PluginList

<http://sourceforge.net/p/tikiwiki/code/65790>

See: PluginTrackerList To PluginList Converter

# 1.31. URL Shortener

- URL Shortener

# 1.32. URL conversion from absolute to relative

URL conversion from absolute to relative

# 1.33. utf8mb4

- <https://tiki.org/forumthread66854> has been addressed in <https://sourceforge.net/p/tikiwiki/code/67620>

# 1.34. Wiki Syntax



# 1.34.1. Page Alias

Display "Error" (warning) alert on wiki pages with duplicate alias wiki links (e.g. `(alias(FooBar))`). When the same alias is used in 2 or more wiki pages, links using that alias do not work properly.

Related commit(s):

- <http://sourceforge.net/p/tikiwiki/code/67296>

# 1.35. Wiki Plugins

New or enhanced.

# 1.35.1. Plugin Button

Enhanced. See Button. You can now display an icon without label (text).

# 1.35.2. PluginÂ Diagram

New. See PluginDiagram. PluginDiagram integrates mxGraph (An open source JavaScript diagramming component, started in 2005, that works on all major browsers, including touch devices), to provide a service like draw.io but that you can install on your own server.

# 1.35.3. Plugin Gantt Chart

New. It allows to produce and easily edit Gantt chart diagrams based on data in a tracker.  
See [PluginGanttChart](#)

# 1.35.4. PluginLayout

ew. Enables page layout configuration such as removing the page footer, having full-width page section backgrounds etc. Useful for making a splash page that looks radically different from the other site pages.

See PluginLayout

# 1.35.5. Plugin Multilike

The plugin Multilike as two new parameter to change the icon used (selected and non-selected) for the plugin.  
See Multilike and PluginMultilike

# 1.35.6. PluginÂ PivotTable

Enhanced. Added PluginActivityStream as a data source.

See PluginPivotTable



# 1.35.7. PluginÂ Slideshow

Enhanced. Part of 1.9 above.

See PluginSlideshow

# 1.35.8. PluginÂ SlideshowSlide

New. Advanced plugin to add a slide in a slideshow with different background colors, background video, transition and other settings.

See [PluginSlideshowSlide](#)

# 1.35.9. PluginÂ Swiper

New. A carousel/rotator/slideshow that supports images and other content. Basically a replacement for other similar plugins that are no longer supported or are less advanced.

See [PluginSwiper](#)

# 1.35.10. PluginÂ Together

Enhanced. Some usability improvements have been made to facilitate new users to join the edition of a page currently being edited by another user which started the collaborative session.

<https://sourceforge.net/p/tikiwiki/code/67120>

<https://sourceforge.net/p/tikiwiki/code/67701>

<https://sourceforge.net/p/tikiwiki/code/67025>

<https://sourceforge.net/p/tikiwiki/code/66840>

See PluginTogether

# 1.35.11. Plugin TrackerÂ Calendar

Refactored to use an updated library.  
See `PluginTrackerCalendar`

# 1.35.12. PluginÂ XMPP

New. Enables embedding an XMPP chatroom in a wiki page.  
See [PluginXMPP](#).

# 1.36. XMPP

Upgraded to Converse 4.x which now uses Bootstrap 4 like Tiki, and thus, it will be easier to provide a consistent user experience. See also [PluginXMPP](#)

# 2. Upgrade

Specific upgrade notes regarding using this Tiki version compared to using the previous one Tiki18.

**Note** Tiki 19.x uses utf8mb4 storage and there is an upgrade script built in which will do this automatically for you when the database is updated. However if, for some reason, your database (as opposed to the tables within it) is set to use utf8mb4 already, many of the old upgrade patches will fail. To avoid this make sure the database is set to use utf8mb4 only.

See also the generic information about Upgrades



# 3. Dependencies

- Most dependencies were upgraded to latest version: Composer. Some notable ones:
- Smarty was upgraded. We had been stuck on v3.1.21 for a long time due to template inheritance issues, but the current release is v3.1.32 and we need this for php7.1+ support: done in <https://sourceforge.net/p/tikiwiki/code/66842/>
- mPDF 7.1

# 4. Cleanups

<http://sourceforge.net/p/tikiwiki/code/66206>

# 4.1. Convert tracker attachments to filesÂ script

<http://sourceforge.net/p/tikiwiki/code/65966> (also backported to 18.x)

# 5. Regressions

# 5.1. Removals

Exact search with Elasticsearch (added in Tiki 18.3) was removed.

# 5.1.1. Jison

This experiment never got to viability  
<http://sourceforge.net/p/tikiwiki/code/66804>

# 5.1.2. jQuery.s5

jQuery.s5 is no longer updated, so it was replaced by the Reveal.js library (which is pretty awesome!)

# 5.1.3. Mods

As of Tiki 19, Mods are completely obsolete. All mods-related code has been removed from Tiki. Details:  
<https://tiki.org/forumthread67983-About-Tiki-Packages-in-Tiki-18-0-LTS-and-why-I-support-this-project-And-mods-tiki-org-can-now-be-scheduled-for-retirement>



## 5.1.4. Report systemÂ (experimental)

- This never worked, and was duplicating another feature. One of Tiki's strengths is that we converge all energies on a common functionality. This experiment had some interesting aspects but it was not viable. All the details here:

<https://tiki.org/forumthread67333>

# 5.1.5. WebODF and ViewerJS

as of Tiki19, ViewerJS, which includes WebODF, will no longer be supported because no significant work has been done since 2015

- <https://github.com/kogmbh/ViewerJS/commits/master>
- <https://github.com/kogmbh/WebODF/commits/master>

PDF viewing will now be done with PDF.js viewer instead

# 5.1.6. Removed WikiPlugins

## 5.1.6.1. Plugin Jabber

- PluginJabber is replaced by PluginXMPP

## 5.1.6.2. Plugin PastLink

- PluginPastLink is removed.

## 5.1.6.3. Plugin Report

Was part of the Report System described above.

# 5.1.7. Removed layout templates

In the Look and Feel admin options, two layout templates ("Wider side columns" and "Fixed top navbar 1") were removed because they were very similar to other layout templates.

# 5.2. Known Bugs

- Mail notifications when wiki pages are edited are mostly broken in Tiki 19.0. (fixed for 19.1)
- Bootstrap Tour broken, needs library update. See [item6677](#)
- LDAP authentication to the AD is broken in Tiki 19. See <https://dev.tiki.org/item7050-LDAP-authentication-to-AD-broken>

See also: <https://dev.tiki.org/Tiki19>  
55 pages link to Tiki19

- Documentation
- PluginList sort control block
- PluginList
- Requirements
- Tiki18
- PluginList filter control block
- Mobile
- Bootstrap
- PluginSwiper
- PluginTogether
- PDF.js viewer
- PluginPivotTable
- Tiki20

- Sync Dev-Prod Servers
- XMPP
- PluginXMPP
- Module permissions
- Module last\_youtube\_playlist\_videos
- Slideshow
- Backup
- PluginSlideshow
- Tiki21
- Currency Amount Tracker Field
- Slider Comparison
- Theme Customizer
- Tiki21from18
- PluginTrackerList
- PluginSlideshowSlide
- PluginMediaPlayer
- PluginPastLink
- Diagram
- PluginGanttChart
- Smartmenus Megamenu
- dompdf

- URL shortener
- PluginTrackerCalendar
- Groupmail
- PluginLayout
- Reports
- Permissions
- PluginTrackerList To PluginList Converter
- unoconv
- PluginDiagram
- Draw
- Permission Enforcement Order
- H5P
- PluginReport
- Understanding Encoding
- ViewerJS
- All Preferences
- URL conversion from absolute to relative
- Top Admin Bar
- Tiki19 Admin Enhancements
- Docs
- Save and Comment

Alias names for this page:

Tiki 19