

# Tiki18

Tiki 18.0 was released on 2018-01-28

It is a Long Term Support (LTS) version and will be supported for 5 years, thus until January 2023, as per [the Tiki lifecycle policy](#).

**Please note: SVN updates (for all versions of Tiki) will stop in January 2023 when Tiki18 reaches end of life**

Tiki18 does not support [utf8mb4](#) characters such as emojis.

*Alphabetically sorted*

- You can see the development page at : <https://dev.tiki.org/Tiki18> and all the commits here: <https://gitlab.com/tikiwiki/tiki/-/commits/18.x/>

## 1. Additions and enhancements

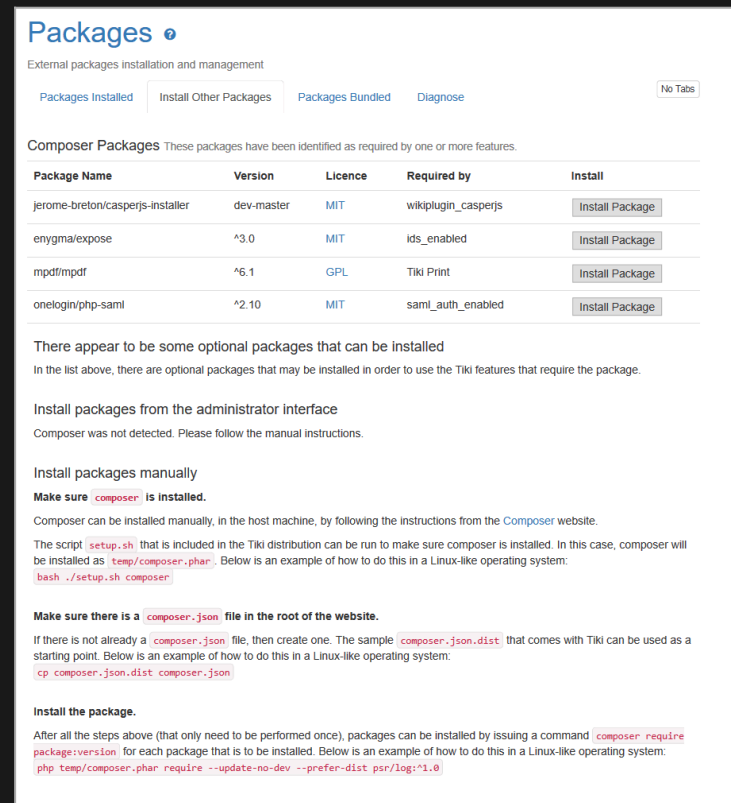
### 1.1. ANNOTATIONS

[Annotations](#) are now an optional replacement for [Inline Comments](#).

### 1.2. COMPOSER

## 1.2.1. COMPOSER WEB INSTALLER

You can install external packages in Tiki, with different copyright license or made optional since they are too big and maybe not intended for all use cases, through a new Control Panel in Tiki:



**Packages** [?](#)

External packages installation and management

Packages Installed | **Install Other Packages** | Packages Bundled | Diagnose No Tabs

**Composer Packages** These packages have been identified as required by one or more features.

Package Name	Version	Licence	Required by	Install
jerome-breton/casperjs-installer	dev-master	MIT	wikiplugin_casperjs	<a href="#">Install Package</a>
enigma/expose	^3.0	MIT	ids_enabled	<a href="#">Install Package</a>
mpdf/mpdf	^6.1	GPL	Tiki Print	<a href="#">Install Package</a>
onelogin/php-saml	^2.10	MIT	saml_auth_enabled	<a href="#">Install Package</a>

There appear to be some optional packages that can be installed  
In the list above, there are optional packages that may be installed in order to use the Tiki features that require the package.

**Install packages from the administrator interface**  
Composer was not detected. Please follow the manual instructions.

**Install packages manually**  
**Make sure `composer` is installed.**  
Composer can be installed manually, in the host machine, by following the instructions from the [Composer](#) website.  
The script `setup.sh` that is included in the Tiki distribution can be run to make sure composer is installed. In this case, composer will be installed as `temp/composer.phar`. Below is an example of how to do this in a Linux-like operating system:  

```
bash ./setup.sh composer
```

**Make sure there is a `composer.json` file in the root of the website.**  
If there is not already a `composer.json` file, then create one. The sample `composer.json.dist` that comes with Tiki can be used as a starting point. Below is an example of how to do this in a Linux-like operating system:  

```
cp composer.json.dist composer.json
```

**Install the package.**  
After all the steps above (that only need to be performed once), packages can be installed by issuing a command `composer require package:version` for each package that is to be installed. Below is an example of how to do this in a Linux-like operating system:  

```
php temp/composer.phar require --update-no-dev --prefer-dist psr/log:^1.0
```

Click to expand

See [Composer Web Installer](#)

## 1.2.2. COMPOSER AND SATIS

- All libraries were reviewed to fully take advantage of the convenience of [Composer](#)

## 1.3. CONSOLE

New actions can be run from the command line through [console.php](#):

- [Wiki Plugins](#) can be listed, refreshed and approved
- Installer can be locked
- Files can be copied or moved from a gallery to a regular directory on the filesystem (and inversely)
- Fake Tracker items can be created (for performance testing, for instance) through [Faker](#)

See: [Console](#)

## 1.4. DATABASE INDEPENDENCE

As per the [MariaDB vs MySQL strategy](#), several fixes were made to continue to support both:

- <https://sourceforge.net/p/tikiwiki/code/64280>
- <https://sourceforge.net/p/tikiwiki/code/64001>
- <https://sourceforge.net/p/tikiwiki/code/63994/>

## 1.5. FAKER

- [Faker](#) is a tool to generate fake data

## 1.6. FALLBACK FOR TIKI BASE URL

The full URL to the Tiki base URL including protocol, domain and path (example: <https://example.com/tiki/>), used when the current URL can not be determined, example, when executing from the command line.')

## 1.7. FILE CHECKER

- [Tool to detect orphan or extra files](#)

## 1.8. H5P UPGRADE

- [H5P](#) was upgraded from 0.12 to 0.16 (which is a major upgrade with lots of new features, and a database structure upgrade)

## 1.9. IMAGE GALLERY TO FILE GALLERY MIGRATION TOOL

Enable admins to run the migration process from from the web and from command line (php console.php gallery:migrate )

## 1.10. MCRYPT DEPENDENCY REMOVAL

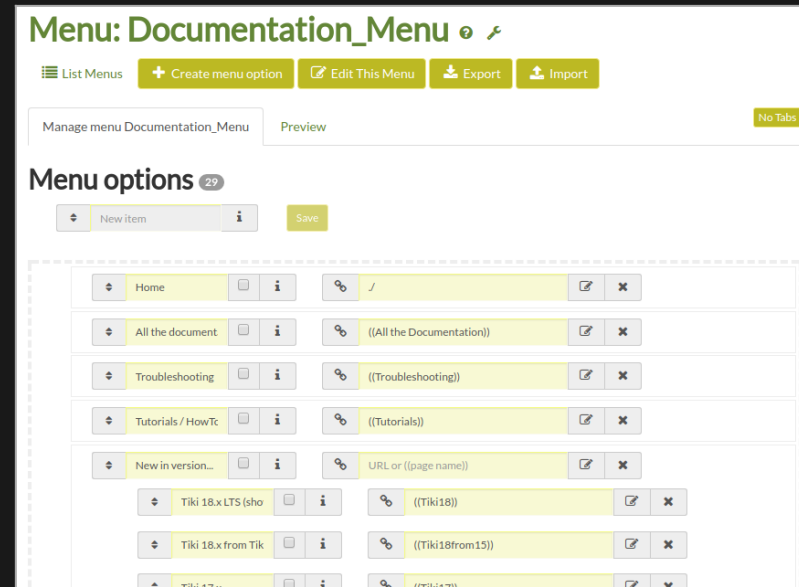
[Removing MEncrypt as a dependency](#) was done for [User Encryption](#) and work continues in upstream libraries. Ex: for [SAML](#) support.

## 1.11. MEDIA ALCHEMYST

[Media Alchemyst](#) support has been added. Only [PluginPreview](#) for now, but more features from this library will be progressively added.

# 1.12. MENUS

Menu management has been revamped. Now with drag and drop!



Click to expand

See [Menu](#)

## 1.12.1. LOGIN-BOX MODULE MENU

The [login box](#) in [popup](#) mode can now use a custom menu by using the `menu_id` parameter (mainly r64388)

# 1.13. MINIFICATION

- Make the filenames of minified JavaScript 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 (following clearing the tiki caches only). The CSS part is done in [Tiki19](#)

<https://sourceforge.net/p/tikiwiki/code/65937>

<https://sourceforge.net/p/tikiwiki/code/65967>

See [Minify CSS](#)

## 1.14. MULTI-RESOLUTION IMAGES

See below [#Plugin\\_Img](#)

## 1.15. PATH STRUCTURE

See [Path structure](#)

## 1.16. PERMISSIONS

- Major work was undertaken to make it easier for site admins to determine what action can be taken by which group.
- [Permissions can now be re-ordered](#)

## 1.17. PIVOT TABLES WITH SUBTOTALS

Subtotals have been added to [pivot tables](#)

## 1.18. PRINT

- Advanced PDF settings introduced in control panel, PDF support added for trackers.
- Change any global PDF generation setting for wiki page including cover pages, background images and colors, watermarks, autotoc, auto bookmarks, columns, custom headers, orientation,

pages sizes and more. -> [PluginPDF](#)

- Override settings for single page within PDF -> [PluginPDFPage](#)

## 1.19. PROFILES

- A dry-run option to profiles, to preview what will happen if the profile is applied.
- [Profile Rollback](#) was added, including selective rollback

### 1.19.1. PROFILE EXPORT: INCLUDE-FILES

A new option '**include-files**' has been added to [Export Profiles](#) from command line, so that Files in the FileGallery can also get exported files (instead of only allow url references). In addition, it also allows local file import.

### 1.19.2. PROFILE EXPORT: TRACKER ITEMS

A new option '**tracker-item**' has been added to [Export Profiles](#) from command line so that tracker items can be also included in the exported local profile.

<https://sourceforge.net/p/tikiwiki/code/63668>

### 1.19.3. PROFILE EXPORT: -ALL OPTION

Added to 18.2: Add option --all to profile export commands allowing it to export all settings

<https://sourceforge.net/p/tikiwiki/code/66243>

## 1.20. SEARCH

### 1.20.1. CALENDARS ADDED TO UNIFIED SEARCH

- Calendars and Calendar Items will now appear in search results

Added in [this commit](#)

### 1.20.2. SEARCH ENGINE FRIENDLY URLS

- [Display tracker item title in the sefurl](#)
- [Enable the definition of Custom Routes based on static values, alias to objects, regex or tracker fields](#)

### 1.20.3. PDFS ARE NOW SEARCHABLE NATIVELY VIA TIKI

- It's no longer necessary to add a utility on the sever: [Search within files](#)

## 1.21. SITEMAP

New: A built-in site map XML generator

- Documentation here [Sitemap](#)
- Arrived in <https://sourceforge.net/p/tikiwiki/code/63719>



## 1.22. STYLE GUIDE TOOL

- A new [Theme Customizer](#) tool was added

## 1.23. TRACKERS

### 1.23.1. NOW POSSIBLE TO CONVERT CERTAIN TRACKER FIELDS

- dropdown, dropdown with other, radio buttons, email, text, url TO dropdown, dropdown with other, radio buttons, multiselect, email, text, text area, url
- multiselect TO multiselect, email, text, text area, url
- datetime and jscalendar TO each other
- autoincrement, currency and numeric TO dropdown, dropdown with other, radio buttons, multiselect, text, text area, numeric, auto increment, currency

This was done in [this commit](#)

### 1.23.2. NEW CALENDAR ITEM FIELD

- Inherits from the Date Picker field and creates a linked calendar item in the specified [Calendar](#)
- The main aim is to allow recurring events to have a tracker item linked to it so tyou can add custom fields
- Class name: `Tracker_Field_CalendarItem`

### 1.23.3. MINOR CHANGE TO WEBSERVICES FIELD WITH ELASTICSEARCH

- For advanced use with custom smarty templates
- The `fieldname_json` data is now indexed differently for elastic search, because storing json as plain text (with some values) prevents the item from being stored in the index.

**N.B.** This will require changes to custom templates using these values, i.e. from

```
{ $jsondata = $row.tracker_field_webserviceField_json|json_decode:true }
```

to

```
{ $jsondata = $row.tracker_field_webserviceField_json|json_encode|json_decode:true }
```

*(the extra encode then decode is to change from objects to associative arrays for use in smarty)*

See [this commit](#) for details

### 1.23.4. FORMULA 'CLEAN' ADDED TO THE MATHEMATICAL-CALCULATION FIELD

The new formula `clean` (from the [Advanced Rating Syntax language](#) ) has been added to the [Mathematical Calculation Tracker Field](#) in Tiki 18.2

See [Advanced Rating Syntax language](#)

## 1.24. TRANSLATION

### 1.24.1. PREFERENCE ARE NOW TRANSLATABLE

<https://dev.tiki.org/item3030>

## 1.24.2. INTERACTIVE TRANSLATION

When using [interactive translation](#), text still not translated will be highlighted in red  
<https://sourceforge.net/p/tikiwiki/code/64541>

## 1.24.3. UPLOAD TRANSLATIONS

Let user upload CSV file to provide custom translations.  
<https://sourceforge.net/p/tikiwiki/code/63416>

## 1.24.4. LANGUAGE SELECTION FOR ADMIN PANEL

Permits to have the admin panel in a different language than the rest of the site.

# 1.25. UNIFIED SEARCH INDEX REPORTS ENGINE AND VERSION

When the unified search index is rebuilt, there unified index engine and version are reported.

See [Search and List from Unified Index](#)

## 1.26. WIKI PAGES

**301 Redirect** on Rename or Remove page. When you rename or delete a Wiki page, access to that page via bookmarks or search engines will fail. To prevent that, it's possible to indicate a new page, to which an SEO-friendly, automatic redirect from the old page name is created.



**Rename page: Netiquette**

[View page](#)

New name:  [Rename](#)

Redirect original page ⓘ

Click to expand

## 1.27. WIKI PLUGINS

New or enhanced.

### 1.27.1. PLUGIN IMG

Enhanced plugin. A new option called '**retina**' was added. If you have a fixed width image, it will pull up a 2x version of the image for users with [retina display](#) (and 1x for users who don't). Note: source needs to be at least 2x the size of the width of the image being displayed.

See [Multi-resolution images](#) and [PluginImg](#)

### 1.27.2. PLUGIN LIST

Enhanced plugin. It can return only a given set of values, usefull to filter the results or return results in a spetic order.

See [PluginList](#)

### 1.27.3. PLUGIN PDF

Enhanced plugin. It allows to set a cover page.

See [PluginPDF](#)

### 1.27.4. PLUGIN PIVOTTABLE

Enhanced plugin. New renderers were added to allow displaying subtotal sums for rows in the table, through the [addition](#) of [subtotal.js](#) to the plugin.

## Bug Tracker

Add List Summary

### Summaries

Table With Subtotal Heatmap

Count

Table  
 Table Barchart  
 Heatmap  
 Row Heatmap  
 Col Heatmap  
 Line Chart  
 Bar Chart  
 Stacked Bar Chart  
 Horizontal Bar Chart  
 Area Chart  
 Scatter Chart  
 Boxplot Chart  
 Table With Subtotal  
 Table With Subtotal Bar Chart  
**Table With Subtotal Heatmap**  
 Table With Subtotal Row Heatmap  
 Table With Subtotal Col Heatmap

Severity  
 Bug status

Severity	Bug status	Totals
		2
fatal	new	1
	resolved	1
		1
major	new	1
		1
normal	new	1
		1
text	acknowledged	1
Totals		5

object\_id  
 object\_type  
 creation\_date

Click to expand

See [PluginPivotTable](#)

## 1.27.5. PLUGIN TRACKERCALENDAR

Enhanced plugin. It allows the user to set the colormap for the events based on the priority.

See [PluginTrackerCalendar](#)

## 1.28. WIKI SYNTAX AND WYSIWYG

### 1.28.1. MULTILEVEL STYLE NUMBERING FOR ORDERED LISTS

New preference "Multilevel style numbering for ordered lists" was added to "Editing & Plugins" control panel which allows to have [Multilevel style numbering](#) on ordered lists set globally (disabled by default).

## 1.29. ZEND FRAMEWORK

Zend Framwork has been upgraded to 3.x

# 2. Backwards-incompatible changes

## FOOTNOTE REUSE

The *sameas* ("Tag to existing footnote") parameter of the FOOTNOTE plugin was lost for Tiki18.0 and Tiki18.1. Sorry for that. It was restored for Tiki18.2. This is for keeping backward-compatibility for people who upgrade their old Tiki versions. New pages should use the parameter *sameastag* which is much better. (the issue is discussed in [report #6584](#))  
The recognition of duplicate Footnote was also lost. They now show up twice in the footnotearea.

# 3. Upgrade

## ELASTICSEARCH 2.X TO 5.X

If you are upgrading from Elasticseach 2.x to 5.x: Since ES automatically updates 2.x index to 5.x first time it starts - you can see some errors then. First time it rebuilds index might also show errors due to the automatic upgrade problems. However, once it builds the index on 5.x, then further rebuilds must not have errors. So, 2 index rebuilds after upgrade is the safest path to go.

## GENERAL UPGRADE NOTES

Also, see the standard information about [Upgrades](#) in Tiki.

# Raw changelog

[+]