

AmuseWiki, yet another wiki engine

Vienna, Perl Dancer 2015

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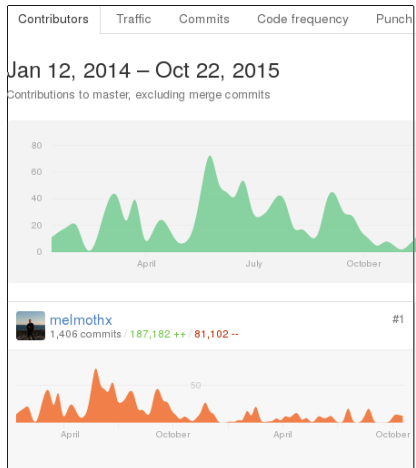
Homepage <http://amusewiki.org>

IRC channel <irc://chat.freenode.net/#amusewiki>

GitHub <https://github.com/melmothx>

Background Humanities (history and translations)

One man project



Why?

Long term storage of texts in a clean form

Publishing texts providing the best possible reading experience.

Yet another wiki engine

Flat file storage, one text maps to one file with all the metadata

Git backend

High-quality output: LaTeX

PDF imposing for printing

EPUB for e-reader and mobile

Bookbuilder to customize the output and create collections

HTML importer (supporting copy and paste from Word via `ckeditor`)

Upcoming: slides and POD importer

Source (Emacs Muse markup)

```
#title My title
#subtitle Another boring essay
#author John Doe
#topics boring things, another topic
#date October 22, 2015
#notes This was just a test
```

```
** Chapter one
```

```
And **here** the *text* starts
```

Text view

AmuseWiki



Title: The Text::Amuse markup manual

Subtitle: The writer's guide

Authors: John Wiegley, Marco Pessotto, Michael Olson

Date: 2012

Topics: Documentation, How-To



The Text::Amuse markup manual

The writer's guide

The Muse markup

Paragraphs

Centered and right aligned paragraphs and quotations

Bookbuilder

A MuseWiki



URI	Action
manual	<input type="button" value="Move up"/> <input type="button" value="Move down"/> <input type="button" value="Delete"/>
remote-syncing	<input type="button" value="Move up"/> <input type="button" value="Move down"/> <input type="button" value="Delete"/>
Total pages: 28	<input type="button" value="Clear the book list"/>

Please give a name to the collection. The name is always required, but used only if there are multiple texts.

Produce an EPUB instead of a PDF

Please select the desired fonts Keep in mind that some character may be missing in the required font. Missing character will be reported.

Linux Libertine @ 10 pt

Choose a paper format

Division factor (Higher division factor means narrower margins)

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Like this

Paragraphs in three must be separated by a blank line.

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Paragraphs in three must be separated by a blank line.

Paragraphs and quotations

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Home-brewed modules (available on CPAN)

`Text::Amuse` the parser

`EBook::EPUB::Lite` port to Moo of `EBook::EPUB`

`Text::Amuse::Preprocessor` the cleaner

`PDF::Imposition` prepare PDF for printing

`Text::Amuse::Compile` glues all together (CLI script provided)

Web Frontend

Framework Catalyst

Layout Bootstrap

Multisite on one instance you can run as many sites you want

Database DBIx::Class

Search Xapian

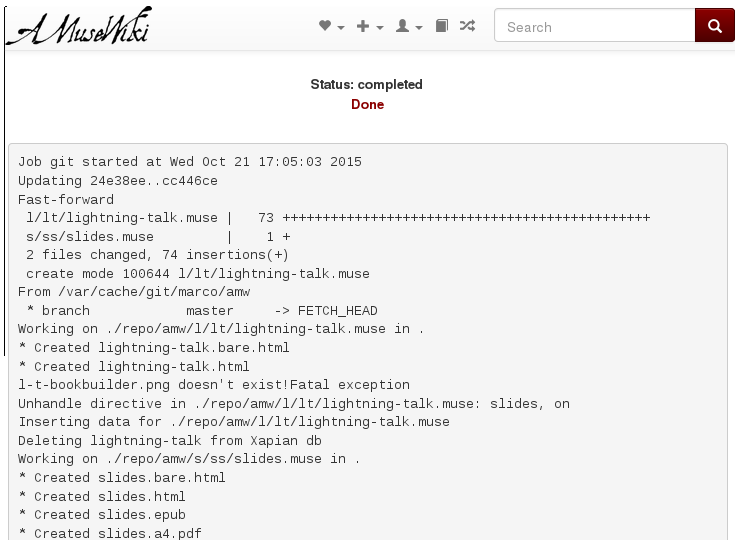
Templating Template Toolkit

Localization English, Italian, Croatian, Macedonian, Russian,
Finnish, Swedish, German, Spanish.

Users peer-based.

Git for the win

A daemon takes care of all the git-related operations where concurrency may be a problem.



```
A MuseWiki
Status: completed
Done

Job git started at Wed Oct 21 17:05:03 2015
Updating 24e38ee..cc446ce
Fast-forward
 l/lt/lightning-talk.muse | 73 ++++++
 s/ss/slides.muse         |  1 +
 2 files changed, 74 insertions(+)
 create mode 100644 l/lt/lightning-talk.muse
From /var/cache/git/marco/amw
 * branch      master      -> FETCH_HEAD
Working on ./repo/amw/l/lt/lightning-talk.muse in .
 * Created lightning-talk.bare.html
 * Created lightning-talk.html
l-t-bookbuilder.png doesn't exist!Fatal exception
Unhandle directive in ./repo/amw/l/lt/lightning-talk.muse: slides, on
Inserting data for ./repo/amw/l/lt/lightning-talk.muse
Deleting lightning-talk from Xapian db
Working on ./repo/amw/s/ss/slides.muse in .
 * Created slides.bare.html
 * Created slides.html
 * Created slides.epub
 * Created slides.a4.pdf
```

Cgit for recent changes

The screenshot shows the AmuseWiki Cgit interface. At the top left is the AmuseWiki logo. To its right are navigation icons: a heart, a plus sign, a person icon, a folder icon, and a refresh icon. Further right is a search bar with a magnifying glass icon. Below the header, the page title is "Archive history Marco Pessotto (melmothX) — AmuseWiki: a library oriented wiki engine (talk)". Below the title are two buttons: "master" with a dropdown arrow and "switch". A horizontal line separates this from the next section, which contains the text "A Muse Wiki". Below this are navigation tabs: "summary", "refs", "log" (which is highlighted), "tree", "commit", and "diff". To the right of these tabs are a "log msg" dropdown, an empty search input field, and a "search" button. Below the tabs is a path bar showing "path: root/s/ss/slides.muse". The main content area displays a list of commit messages in a table-like format. The first commit is "Turn slides bit on" with a red "HEAD" box and a green "master" box. The second is "Updated slides". The third is "format fix". The fourth is "Added sorted author". Each row includes an asterisk on the left, the commit message, the author's name, and the age of the commit.

	Commit message (Collapse)	Author	Age
*	Turn slides bit on HEAD master	Marco	5 hours
*	Updated slides	Marco	28 hours
*	format fix	Marco	2015-09-04
*	Added sorted author	Marco	2015-09-04

Modes

private

blog

moderated wiki

open wiki

Hey, tests!

```
[...]  
t/zz-finish-tests.t ..... ok  
All tests successful.  
Files=73, Tests=2555, 646 wallclock secs  
 ( 1.00 usr  0.16 sys + 368.93 cusr 17.74 csys = 387.83  
Result: PASS
```

Questions?

Thanks!

<https://amusewiki.org>