

AmuseWiki, yet another wiki engine

Vienna, Perl Dancer 2015

Marco Pessotto (melmothX)

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About me: Marco Pessotto

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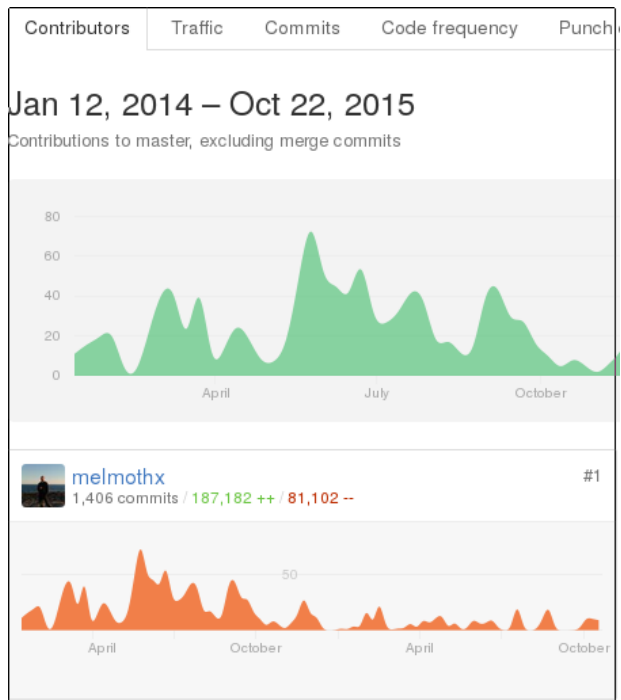
Homepage <http://amusewiki.org>

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

Bookbuilder

Imposed PDF

Home-brewed modules (available on CPAN)

```
Text::Amuse the parser
```

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

```
Text::Amuse::Preprocessor the cleaner
```

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



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

Generic (fits in A4 and Letter)

Division factor (Higher division factor means narrower margins)

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 cense".

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Paragraphs in Muse must be separated by a
 blank line.
**Centered and right aligned
 paragraphs and quotations**
 A line that begins with six or more columns of
 whitespace (but less than 20) indicates a centered
 paragraph.
 Alternatively, you can use the <center> tag to
 surround regions that are to be published as cen-
 tered paragraphs.
 Like this

```
Here we add a blank line
<br>
Here we go.
Here we add a blank line
Here we go.
```

Page breaks

If you put exactly five ~ separated by whites-
 pace on a line by itself, indented by 6 or more
 spaces (like a centered paragraph), you'll get a
 page break in the PDF.
 This code will break the page.
 * * * * *

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.

Cgit for recent changes

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 CPU)
Result: PASS
```

Questions?

Thanks!

<https://amusewiki.org>

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
```

Archive history [Marco Pessotto \(melmothX\)](#) — AmuseWiki: a library oriented wiki engine (talk)

master

A Muse Wiki

summary refs **log** tree commit diff

log msg

path: [root/s/ss/slides.muse](#)

	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



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