

# **AmuseWiki, yet another wiki engine**

**Vienna, Perl Dancer 2015**

Marco Pessotto (melmothX)

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## **About me: Marco Pessotto**

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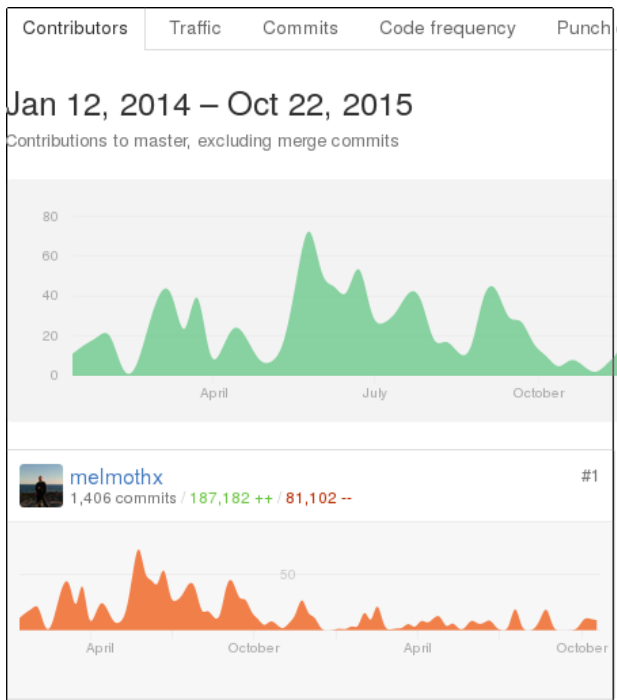
**Homepage** <http://amusewiki.org>

**IRC channel** <irc://irc.libera.chat/#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
<a href="#">manual</a>	<input type="button" value="Move up"/> <input type="button" value="Move down"/> <input type="button" value="Delete"/>
<a href="#">remote-syncing</a>	<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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**Paragraphs**

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 centered paragraphs.

Like this

But if the line begins with more than 20 spaces, you'll have a right aligned paragraph. This is handy for signatures.

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 whitespace 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 ( <b>Collapse</b> )	Author	Age
*	Turn slides bit on <b>HEAD</b> <b>master</b>	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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