

*AmuseWiki*

# **AmuseWiki, yet another wiki engine**

Vienna, Perl Dancer 2015

Marco Pessotto (melmothX)

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October 22, 2015

[amusewiki.org](http://amusewiki.org)

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# Contents

About me: Marco Pessotto . . . . .	3
One man project . . . . .	3
Why? . . . . .	5
Yet another wiki engine . . . . .	5
Source (Emacs Muse markup) . . . . .	5
Text view . . . . .	7
Bookbuilder . . . . .	7
Imposed PDF . . . . .	7
Home-brewed modules (available on CPAN) . . . . .	7
Web Frontend . . . . .	8
Git for the win . . . . .	9
Cgit for recent changes . . . . .	9
Modes . . . . .	9
Hey, tests! . . . . .	10
Questions? . . . . .	10

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

summary refs log tree commit diff log msg search

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

## 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>

## About me: Marco Pessotto

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Homepage <http://amusewiki.org>

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

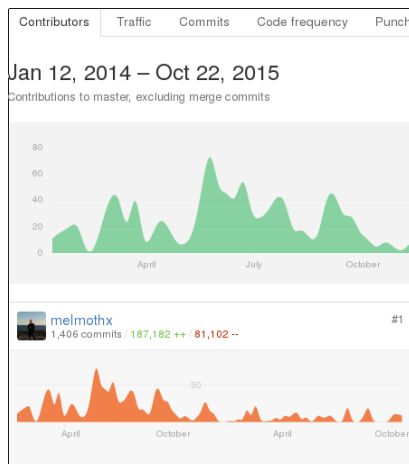
GitHub <https://github.com/melmothx>

Background Humanities (history and translations)

## One man project

## 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
 1/lt/lightning-talk.muse | 73 +++++
 s/ss/slides.muse         | 1 +
 2 files changed, 74 insertions(+)
 create mode 100644 1/lt/lightning-talk.muse
From /var/cache/git/marco/amw
 * branch      master      -> FETCH_HEAD
Working on ./repo/amw/1/lt/lightning-talk.muse in .
 * Created lightning-talk.bare.html
 * Created lightning-talk.html
1-t-bookbuilder.png doesn't exist!Fatal exception
Unhandle directive in ./repo/amw/1/lt/lightning-talk.muse: slides, on
Inserting data for ./repo/amw/1/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

### Modes

- private
- blog
- moderated wiki
- open wiki

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<b>Centered and right aligned paragraphs and questions</b>	
A line begins with an or more columns of text. The word "centered" is used to indicate that the text is centered. Paragraphs that are to be published as con- taining text are to be published as con- taining text.	
Like this:	
But if the line begins with more than 20 spaces, it will have a right aligned paragraph. This is used for questions.	
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`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.

## 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 ckeeditor)
- 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

*A MuseWiki* 

**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

## Text view

## 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)

## 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

PDF::Imposition prepare PDF for printing