



# 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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AmuseWiki

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

summary refs log tree commit diff

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

## About me: Marco Pessotto

PAUSE id MELMOTHX

IRC melmothX on Libera Chat and irc.perl.org

E-mail melmothx@gmail.com

Homepage <http://amusewiki.org>

IRC channel <irc://irc.libera.chat/#amusewiki>

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

Background Humanities (history and translations)

## One man project

## 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
```

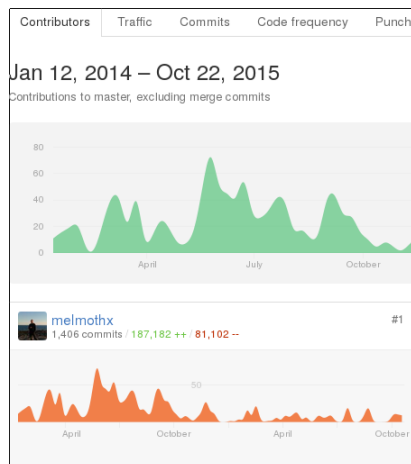
## Questions?

Thanks!

<https://amusewiki.org>

## Git for the win

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

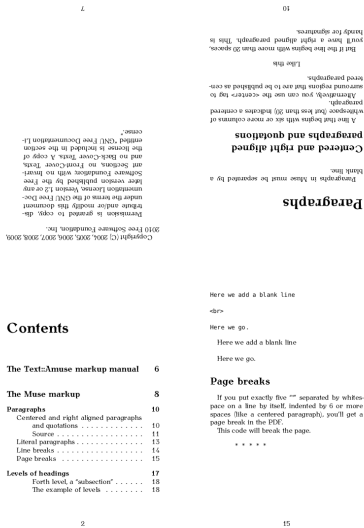


```
A MuseWiki ♥ + - 👤 📁 🔍  🔍  
  
Status: completed  
Done  
  
Job git started at Wed Oct 21 17:05:03 2015  
Updating 24e38ee..cc446ce  
Fast-forward  
1/lt/lightning-talk.muse | 73 ++++++  
s/ss/slides.muse | 1 +  
2 files changed, 74 insertions(+)  
create mode 100644 1/lt/lightning-talk.muse  
From /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  
l-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



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.

## 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 ckseditor)
- 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

PDF A4 Letter  
imposed imposed ePUB HTML TEX

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	Move up Move down Delete
remote-syncing	Move up Move down Delete
Total pages: 28	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)

## 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