AmuseWiki, yet another wiki engine

Vienna, Perl Dancer 2015

Marco Pessotto (melmothX)

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

GitHub  https://github.com/melmothx

Background  Humanities (history and translations)

One man project
Jan 12, 2014 – Oct 22, 2015
Contributions to master, excluding merge commits

<table>
<thead>
<tr>
<th>Contributors</th>
<th>Traffic</th>
<th>Commits</th>
<th>Code frequency</th>
<th>Pulls</th>
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</thead>
<tbody>
<tr>
<td>melmothx</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1,400 commits</td>
<td>187,162 ++</td>
<td>91,192 --</td>
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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
```
The Text::Amuse markup manual

The writer's guide

The Muse markup
Paragraphs
Centered and right aligned paragraphs and quotations
Text view

Bookbuilder

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.

Cgit for recent changes

Modes

- private
<table>
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<tr>
<th>Commit message (Collapse)</th>
<th>Author</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Turn slides bit on <strong>HEAD</strong> <strong>master</strong></td>
<td>Marco</td>
<td>5 hours</td>
</tr>
<tr>
<td>* Updated slides</td>
<td>Marco</td>
<td>28 hours</td>
</tr>
<tr>
<td>* format fix</td>
<td>Marco</td>
<td>2015-09-04</td>
</tr>
<tr>
<td>* Added sorted author</td>
<td>Marco</td>
<td>2015-09-04</td>
</tr>
</tbody>
</table>
• 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
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