

Galaxy Wiki Migration

GalaxyAdmins 2015/10 Meetup

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The Galaxy Team



Why?

MoinMoin 2.0 release was imminent 4 years ago.
We've been at 1.9.x the whole time

We've been on MoinMoin for over 4 years. That's far longer than our average stay on a wiki platform!

Why?

Increasingly frustrated by inability to create/manage/reuse semi-structured data.

This is only going to get more challenging over time.

<https://wiki.galaxyproject.org/Community/Logs>

<https://wiki.galaxyproject.org/Community/Deployments>

<https://wiki.galaxyproject.org/PublicGalaxyServers>

<https://wiki.galaxyproject.org/Teach/Trainers>

Why?

Other options may offer better support for

Blogging

RSS

Database integration

Integrated authentication

... you name it

Why Not?

Time and effort

Disruption

Wiki Migration: Initial Thinking

- **Django** based solutions
 - <https://www.djangopackages.com/grids/g/wikis/>
 - **Waliki**
 - <https://github.com/mgaitan/waliki/>
 - Supports Markdown, RST
 - Uses Git for revision management
 - Lots of active development

Meanwhile, back at TaylorLab.org

TaylorLab.org was **Django** based

James moved it to be **Metalsmith** based

Metalsmith

"An extremely simple, *pluggable* static site generator."

<http://www.metalsmith.io/>

Metalsmith

Uses **GitHub** for revision management

Supports Markdown & GitHub Flavored Markdown

Metadata can be added at the top of pages in **YAML**

Many **plugins** for generating and using content,
including semi-structured content.

<http://www.metalsmith.io/#the-plugins>

Metalsmith on GitHub

Hope is that **more people will contribute** if they can

- **directly edit wiki content on GitHub**, a platform that many are already on and familiar with
- **using Markdown**, a markup language that many already know.

GitHub infrastructure also makes site-wide changes easier.

Advanced users can also install Metalsmith and perform edits locally.

Content Plan

- Using pyPEG2 to translate from MoinMoin to GitHub Flavored Markdown
- Normalize page structure when doing the move
 - Did this 4 years ago when moving from Bitbucket.
 - Less than 200 pages then and a huge win
 - Now over 1000 pages

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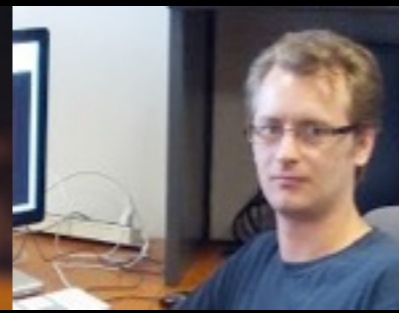
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Thanks

