

Galaxy Update

GMOD2016

June 30-July 1

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Galaxy Wiki Migration

wiki.galaxyproject.org

Why?

MoinMoin 2.0 release was imminent 5 years ago.
We've been at 1.9.x the whole time

We've been on MoinMoin for 5 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 (through 2015)

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 5 years ago when moving from Bitbucket.
 - Less than 200 pages then and a huge win
 - Now well over 1000 pages

Concerns

- Trading *people comfortable with wiki model* for *people comfortable with GitHub*.
- Losing easy preview capability
- Move from wiki to GitHub will cost us contributions from biologists.

Galaxy Community Events

GCC2016

- June 25-29 at Indiana University
- Two hackathons (2 days each)
- Two full days of training
- Two day meeting
- 204 people registered for one or more events over the 5 days
- Between 200 and 230 attendees for past 5 years

- *Went great.*
- *My concern: participation.*



gcc16.sched.org

Swiss-German Galaxy Days



**Swiss German
Galaxy Days**

Freiburg (Germany) 20/21 October 2016

<https://wiki.galaxyproject.org/Events/SG2016>

November 7-11



Salt Lake City, Utah

Galaxy Developer Training



January 2017, Strasbourg, France



#GAMe2017
@EMBL_ABR

GAMe 2017

Galaxy Australasia Meeting

3 - 9 February, Melbourne, Australia

www.embl-abr.org.au/GAMe2017



26 - 30 June France

GCC 2017 Montpellier

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Jean-François Dufayard
Olivier Inizan
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The Galaxy Team



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Thanks

