Galaxy Update

GMOD2016

June 30-July 1 Bloomington, Indiana

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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 than 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.



gccl6.sched.org

Swiss-German Galaxy Days



Freiburg (Germany) 20/21 October 2016 https://wiki.galaxyproject.org/Events/SG2016

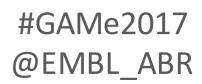
November 7-11 2016 GALAXY **ADMIN TRAINING** SLC

Salt Lake City, Utah

Galaxy Developer Training



January 2017, Strasbourg, France





GAMe 2017

Galaxy Australasia Meeting

3 - 9 February, Melbourne, Australia

www.embl-abr.org.au/GAMe2017





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The Galaxy Team



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Thanks

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