

LibHack 2014
January 24, 2014
University of Pennsylvania Special Collections Center

Project Summary and Event Wrap Up
(*feel free to add more info to descriptions below!)

OCLC had a guided track of going through the WorldCat Search API, php and xml overview, with a little hacking time at the end to play with provided code and lessons.

DPLA projects

- 1) Running DPLA against LCSH
 - started by using a bot to scrape DPLA took long time but instead downloaded JSON file, and later found DPLA robots to try out after the event to still achieve this task
- 2) Integrate DPLA and Wikipedia to generate the content on Wikipedia
 - uses page title or categories and adds "redirect here" text, it's a userscript on WP so can use it right now but note that WP is https:// and so it won't load by default, in the perhaps it will be a browser extension
- 3) Recommendation module for their library catalog
 - catalog query pulls recommendations of similar DPLA content, should work for other VuFind instances too
- 4) Queries to bring up content then only Rights statements and then tested how to clean up data
- 5) Exhibit Master 2000
 - client side exhibit holder, they will work on it this week and want to develop it (has a depository on GitHub so look for it!), meant to autobuild an exhibit from a search team
- 6) @HistoricalCats
 - php TwitterBot of DPLA images that mention "cat" or "feline" etc. and posts Twitters with the content, follow <https://twitter.com/HistoricalCats>
- 7) "#askDPLA search_term"
 - TwitterBot returns hashtag queries with results of search term within DPLA

Do you have a project in mind but need extra help to get it off the ground? Just want to browse what other people are doing and see what looks interesting? This is the place.

Forming teams is not required for participation in LibHack. However, if you have a project that

you'll need assistance with, you're welcome to form a team. Forming teams and beginning work on projects before the event is acceptable.

If you're looking for people to join your team, please include your name, a description of your project, a description of what you need help with, and your contact information.

If you do not have a project in mind but are looking for a team to join, please include your name, a description of what you would contribute to a project, and your contact information.

If you have questions, contact the event organizers at libraryhackathon@gmail.com or @libhack2014.

Anne Ledford - looking to join a team. Not a programmer but interested in shadowing hackers to learn more about programming and how programming skills can be used in academic, public and special libraries. Have worked with Dublin Core records and SQL in past jobs. Currently a public librarian and can contribute ideas, coffee and conduct any research or user tests. Contact me at anne.ledford@gmail.com (:

William Gunn - looking to get my hands dirty with a intro DPLA hack. Big fan of altmetrics, so maybe something looking at the attention paid to items, or could work on the dataviz aspect of an existing team's project. Most familiar with R for basic web scraping, and visualization, but can do a little Python as well.

Jake Orlowitz (Ocaasi, on Wikipedia). I organize The Wikipedia Library and would be very interested in working on a wiki-related tool. Limited coding skills but lots of insight into what our site and community could benefit from. Particular areas of interest are references and citation, metadata, online reference desks and tools, search catalogue integration, and identifying open access resources.

TwitterBot

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* tessa.fallon@gmail.com

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* master.simon21@gmail.com

https://docs.google.com/a/sheldon-hess.org/document/d/1b9II3TW3wXHrVOCiBf__CKIX6zPRzkZ2qSSMYIqvkPg/edit?usp=sharing

Dot Porter - I'm the co-director of the Medieval Electronic Scholarly Alliance

(<http://www.mesa-medieval.org>), which federates medieval stuff (museum collections, manuscripts, etc.) I am interested in integrating DPLA medieval holdings (there are at least some from the Houghton Library, and perhaps some from the Smithsonian as well) into MESA. Ideally we could build a tool that I could re-use with other APIs. I'm not sure what programming support I need. I'm a metadata person with fairly decent XSLT skills.