

NOTES TOWARDS DISCUSSING A POSSIBLE: LIBRARY HACKATHON / LIBRARY LAB EVENT / LIBRARY STUDIO EVENT / SOBEKCM CAMP / OR?

This document covers brief notes towards discussing a possible library hackathon, library labs, library studio, SobekCM Camp, or similar event. The event could also be framed as a Florida DH+Libraries Hackathon (focusing on SobekCM and OHPi), a collaboration with DPLA (community representatives: <http://dp.la/info/get-involved/refs/community-refs-meet-the-refs>), or many other ways. The event could be used as part of the process to develop and support outreach and relationship building with programmers and others with technical expertise in the area including students, student groups, and others who may be part of the Digital Humanities Studio community, delegates (if the delegate model is implemented), and collaborator community members for the DH Studio community. The notes here are for discussion as applicable.

Example Projects/Programs for Hackathoning

Tools building from/off of UFDC, dLOC, and other SobekCM hosted collections:

- SobekPH: <https://github.com/jcoletaylor/sobekph>
- SobekCM data feeds: <http://ufdc.ufl.edu/sobekcm/harvesting>
- DPLA:
 - For developers: <http://dp.la/info/developers/>
 - App library: <http://dp.la/apps>

SobekCM:

- GitHub: <https://github.com/MarkVSullivan/SobekCM-Web-Application>
- Google Code: <https://code.google.com/p/sobekcm/>
- SourceForge: <http://sourceforge.net/projects/sobekcm/>

SobekCM, other tools:

- METS Editor: <http://ufdc.ufl.edu/l/software/mets>
- MARC Library: <http://sourceforge.net/projects/marclibrary/>
- Usage Stats Reader: <http://ufdc.ufl.edu/software/statsreader>
- SMaRT: <http://ufdc.ufl.edu/software/smart>

Related Tools:

- OHPi (in collaboration with USF creator of OHPi, Richard Bernardy, if he is available to participate):
 - <https://github.com/USFLibrariesDigitalInitiativesServices/OHPi>
 - <http://guides.lib.usf.edu/ohpi>

Areas of interest for tools/integration and requests:

- Translation (technical resources 300% more popular in Spanish than English)
- SobekCM additions/updates: <https://code.google.com/p/sobekcm/issues/list>
 - JWPlayer: <http://www.jwplayer.com/download/>
 - SobekCM+FedoraCommons
 - OHPi and BOB (USF oral history program tools)
 - Expanded dataset support
 - FITS extractor: <http://projects.iq.harvard.edu/fits>
- OCR (could be integration, service model workflows, optimization, human correction inclusion, etc.)
 - Active OCR: <https://github.com/umdmith/activeocr>
 - Tesseract: <https://code.google.com/p/tesseract-ocr/>
- Adapting/creating tools for working with PairTree directories:
 - <https://github.com/LibraryOfCongress/pairtree>
 - <https://github.com/umdmith/ppa>
 - <https://github.com/umdmith/hathi>
 - https://github.com/search?q=pairtree&nwo=no-reply%2Fezid+api&search_target=global&ref=cmdform
- Linking from archival finding aids (EADs), large listing: <https://github.com/edsu/eadlinks>