OUTCOMES
OF THE BRIDGE2HYKU PROJECT
A full migration toolkit from ContentDM to Hyrax/Hyku
SEAN WATKINS - TODD CROCKEN - SAMVERA CONNECT 2019
BASICS

- 2 Year IMLS grant project (lg-70-17-0217-17)
- Based at University of Houston with partner institutions: University of Victoria, University of Miami, Texas Digital Library, and IUPUI
- Advisors/Stakeholders: Stanford, Indiana, DPLA, Duraspace.
GOALS

● Build a website with content surrounding migration strategies and best practices
● Create open source software for migration
  ○ Exporting out of CONTENTdm
  ○ Importing into Hyrax/Hyku
● Community support and sustainability
TIMELINE

Phase 1
Oct 2017 - Apr 2018
Conduct needs assessment (metadata and system requirements)
✓

Phase 2
May 2018 - Apr 2019
Develop and document B2H Toolkit and website
✓

Phase 3
May 2019 - Sept 2019
✓
PHASE ONE DONE

● Digital Collections Survey done
  ○ What does a “typical” institutional digital library look like?
● Website launched
THE WEBSITE

- Migration best practices
- Online resources
  - Blogposts about specific issues
  - Links to other useful sites
  - Migration framework
- Toolkit instructions and info
- End of Phase 1&2 Reports
- Hyku features
PHASE TWO WRAPPED UP

● Software tools developed through 15+ dev sprints
  ○ Evaluated existing migration tools
    ■ University of Victoria’s cdm_migrator gem
  ○ Generated MVP use cases/user stories for migration toolkit
    ■ 6 week working group steered by Anne Washington
  ○ Iterative development of CDM Bridge and HyBridge - Summer 2018
    ○ 1.0 of both tools available now!

● Toolkit Pilot Test completed
  ○ 2 Months of testing migration paths through the B2H tools
  ○ Report now available

● Blogposts and build-out of migration content on website
  ○ bridge2hyku.github.io/blog

- Desktop Electron-app
- Works with hosted CONTENTdm
- Metadata crosswalk functionality
- **Default Compatibility with DPLA’s MAP v4**
- Export csv and files for various uses
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<th>CDM Field</th>
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- Ruby Gem for Hyrax and Hyku
- Creates easy to use tab for bulk ingest
- Allows collection-specific ingest
- **Seamlessly integrated with CDM Bridge’s output**
PHASE THREE (what’s been completed)

- Workshops on Digital Repository Selection and Migration
  - Digital Initiatives Symposium - April 29-30th, San Diego
  - Joint Conference on Digital Libraries - June 2-6th, Urbana-Champaign

- Open beta testing of software
  - No bugs detected! Hits limitations of contentdm’s APIs.
  - Released 1.0 in July of 2019

- Partner Institution stories
  - Information about how the 4 partner institutions are doing on their own migration timelines
Partner Stories

● University of Houston
  ○ “Armand” - custom Hyrax install
    ■ UI, UI, UI
  ○ Part of a suite of bayou-named internal workflow apps
    ■ Brays - Metadata Editor
    ■ Carpenters - Preservation and Access Asset Manager
    ■ Little White Oak - Archivematica micro services for ArchivesSpace
Partner Stories

- **University of Victoria**
  - Customized version of Hyku
  - Using customized workflow tools for migration out of ContentDM
- **IUPUI**
  - Customized samvera/hyrax
- **Miami**
  - Migration on pause, institutional pivot.
PHASE THREE EXTENSION

- Hybridge compatibility with upcoming Hyrax 3.0
- Hybridge as a feature option within Hyku 3.0
- Sustainability
CONTRIBUTE

● Join CONTENTdm Migration IG on Samvera’s slack: #hydra-migrations
● Have a migration story for a blogpost or want to help with testing/documentation? Contact Anne Washington (awashington@uh.edu)
● Follow us on Twitter! @BRIDGE2Hyku
● Check out our github: https://github.com/Bridge2Hyku
THANKS!

Background from unsplash.com
Abstract: This presentation highlights the tools and documentation created by the Bridge2Hyku team during the 2-year IMLS leadership grant. From the desktop application, CDMBridge, which exports out of contentDM to the import gem, HyBridge, that will be available as a feature within a future release of Hyku. We will also share our project partner migration stories and discuss the knowledge we’ve gleaned through leading 3 migration workshops and spending an inordinate amount of time thinking about migration best practices.