



# 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.

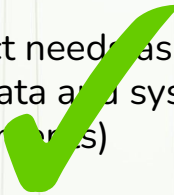
# GOALS

- 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

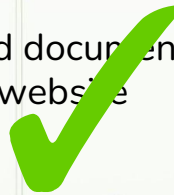
Phase 1  
Oct 2017 - Apr 2018

Conduct need assessment  
(metadata and system  
requirements)



Phase 2  
May 2018 - Apr 2019

Develop and document B2H  
Toolkit and website



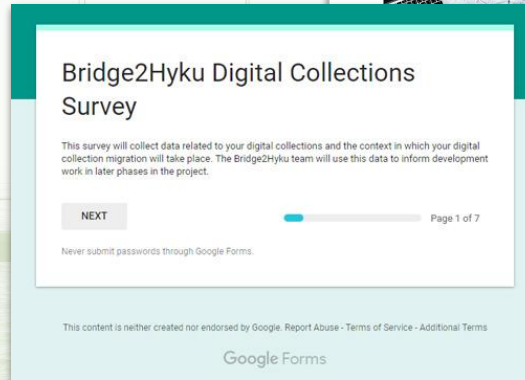
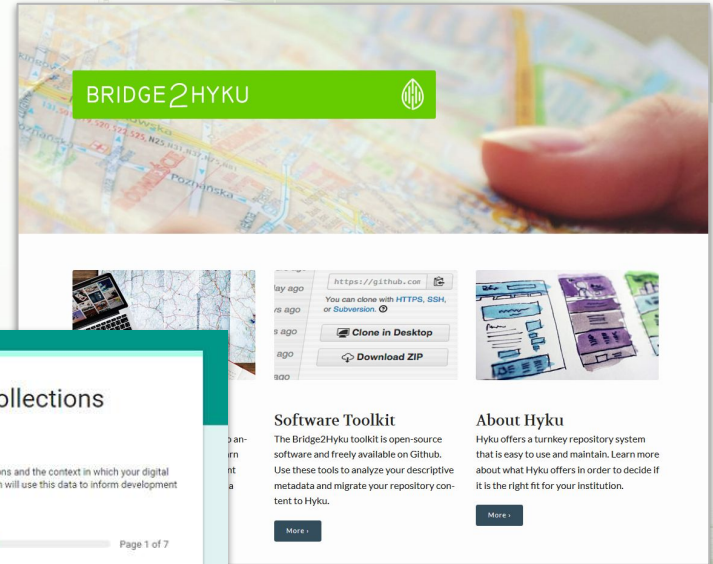
Phase 3  
May 2019-Sept 2019

Assess, Improve and Promote  
B2H Toolkit.



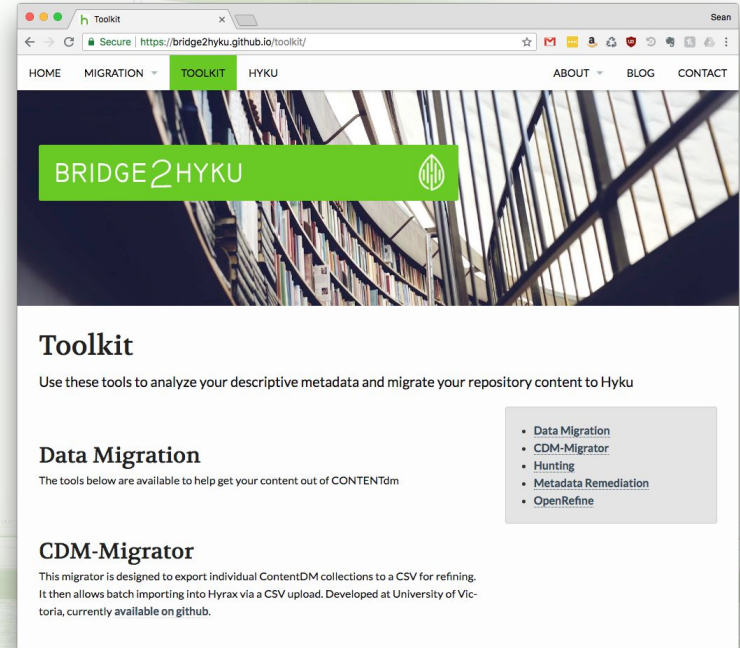
# PHASE ONE DONE

- 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](https://bridge2hyku.github.io/blog)

# CDM Bridge- <http://bit.ly/cdm-bridge>

- Desktop Electron-app
- Works with hosted CONTENTdm
- Metadata crosswalk functionality
- **Default Compatibility with DPLA's MAP v4**
- Export csv and files for various uses



CDM Bridge

CDM BRIDGE

Export Collection

Collections

- 1850s and 1860s Hotel and Restaurant ...
- Andy Warhol - Celebutants, Groupies, ...
- Annual Reports from the Hospitality Ind...
- Architectural Retail Catalog Collection
- The Astrodome, Eighth Wonder of the ...
- Bebe Gow Scrapbooks
- Blanche Espy Chenoweth, Her Life, Her...
- Board of Regents Records
- Book of Hours, Use of Reims
- Building Houston
- Burdette Keeland Architectural Drawin...
- Captain O.C. McDavid World War II Let...
- Carlos (DJ Styles) Garza Drawings and ...
- City of Houston, Its Development and E...
- Civil War Letters
- Daily Cougar
- DJ Screw Photographs and Memorabilia
- Domestic Crude

Export Field	Item Level	CDM Field
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<b>Creator</b> <i>Required</i>	<input type="checkbox"/>	Creator (LCNAF) <input type="text"/> +
		Creator (HOT) <input type="text"/> -
		Creator (ULAN) <input type="text"/> -
		Creator (Local) <input type="text"/> -
<b>Keyword</b> <i>Required</i>	<input type="checkbox"/>	Subject.Topical (Local) <input type="text"/> +
<b>Rights statement</b> <i>Required</i>	<input type="checkbox"/>	Use and Reproduction <input type="text"/> +
Contributor	<input type="checkbox"/>	Contributor (LCNAF) <input type="text"/> +
		Contributor (HOT) <input type="text"/> -
		Contributor (ULAN) <input type="text"/> -
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Abstract or Summary	<input type="checkbox"/>	Description <input type="text"/> +
License	<input type="checkbox"/>	-- Select a field -- <input type="text"/> +
Publisher	<input type="checkbox"/>	-- Select a field -- <input type="text"/> +

# HyBridge- <http://bit.ly/hykubridge>

- 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](mailto: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.