

# BRIDGE2HYKU:

## BUILDING A MIGRATION TOOLKIT

GOALS > TIMELINE > PROGRESS > CONTRIBUTE

TODD CROCKEN - SAMVERA VIRTUAL CONNECT - JULY 2018

# 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, and IUPUI.
- Advisors/Stakeholders: Stanford, Indiana, DPLA, Duraspace.

# GOALS

- Migration strategies and best practices
- B2H website
- Migration software
  - Export
  - Import
- Community support and sustainability

# EARLY DESIGN

## Migration Software

Github Org:

- CONTENTdm tooling
- DSpace tooling
- ...

## Migration Framework

Website:

- Content Analysis
- Metadata Analysis
- Metadata Crosswalk
- Curation Ecosystem
- Preservation Plan

## Target Repo: Hyku

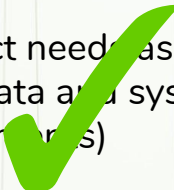
Website:

- Data Modeling
- Metadata Schema
- File Types
- Configuration
- Branding

# TIMELINE

Phase 1  
Oct 2017 - Apr 2018

Conduct need assessment  
(metadata and system  
requirements)



Phase 2  
May 2018 - Apr 2019

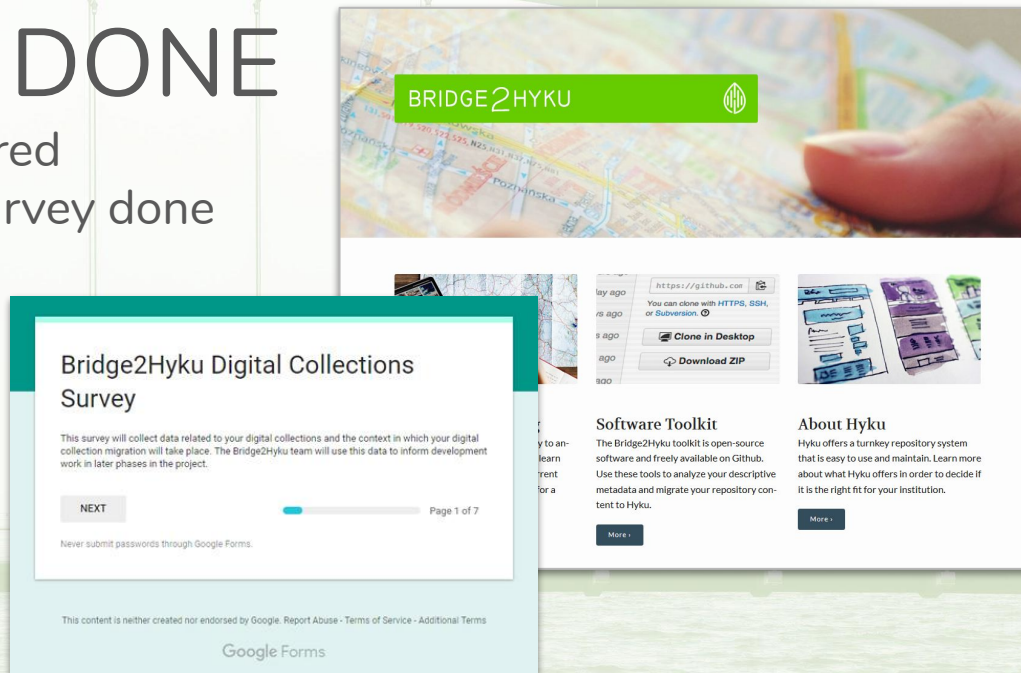
Develop and document B2H  
Toolkit and website

Phase 3  
May 2019-Sept 2019

Assess, Improve, and Promote  
B2H Toolkit.

# PHASE ONE DONE

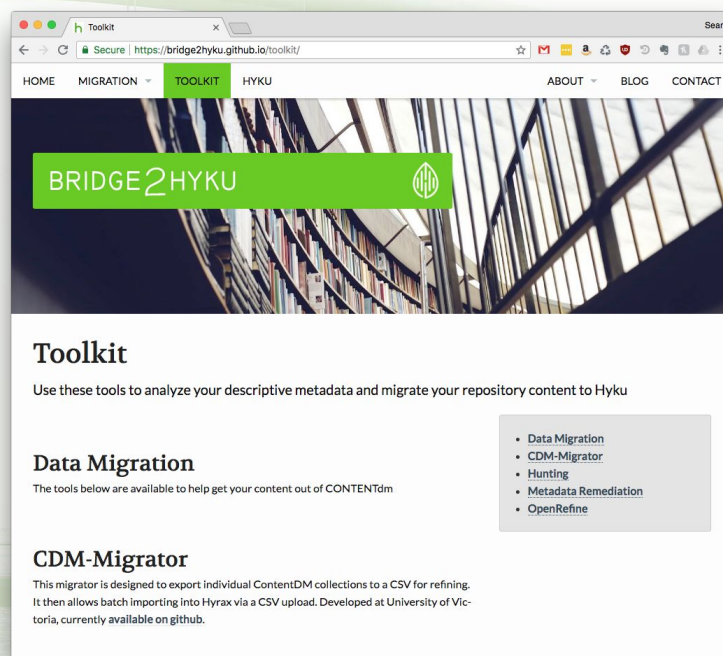
- Content Strategist hired
- Digital Collections Survey done
- Website brought up





# THE WEBSITE

- Migration best practices
- Online resources
  - Blogposts about specific issues
  - Links to other useful sites
  - Migration framework
- Toolkit instructions and info
- Collection Survey results
- Hyku features



# PHASE TWO PROGRESS

- Generating Use Cases for toolkit MVP
  - Successful 6 week working group steered by Anne Washington
- Evaluating existing migration tools
  - Sprint troubleshooting University of Victoria's `cdm_migrator` gem
- Blogposts and build-out of migration content on website
  - [bridge2hyku.github.io/blog](https://bridge2hyku.github.io/blog)

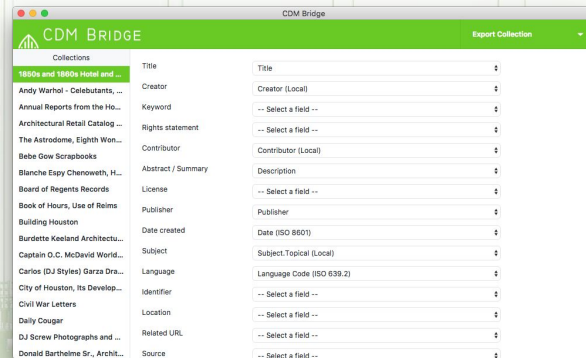


# TOOLS IN DEVELOPMENT

- CDM-Migrator within hyku-vagrant stack
  - CDM-Migrator built by University of Victoria, modifying for Hyrax 2.x compliance within next couple of sprints
  - Hyku-vagrant stack created by Sean Watkins at UH
  - Technical users will be able to bring this up on a vagrant box and do a full test migration on it.

# TOOLS IN DEVELOPMENT (cont.)

- CDM Bridge
  - Desktop Electron-app
  - Easily crosswalk CDM metadata to Hyku map
  - Export csv and files for various uses
- HyBridge
  - Ingest Gem for Hyku/Hyrax Stack
  - Development beginning Mid-July



# CONTRIBUTE

- Join CONTENTdm Migration IG on samvera slack: #hydra-migrations
- Have a migration story for a blogpost or want to help with development/documentation?  
Contact Todd Crocken ( [tcrocken@uh.edu](mailto:tcrocken@uh.edu)) or  
Andy Weidner ( [ajweidner@uh.edu](mailto:ajweidner@uh.edu))
- Follow us on Twitter! @BRIDGE2Hyku
- Check out our github: <https://github.com/Bridge2Hyku>

# THANKS!

Background from unsplash.com

Abstract: Bridge2Hyku is an IMLS-funded grant project that is building a migration toolkit to assist institutions interested in migrating their digital content to Hyku. The toolkit contains general guidance for migration planning, documentation for software that enables efficient and effective data migration, and an introduction to the Hyku platform. This presentation will provide an overview of the project goals and timeline, an update on project progress, and information about how to contribute to the Bridge2Hyku migration toolkit.