

Institutional Repository Investigative Task Force Report

CARLI Board of Directors Meeting

14 June 2019

As requested, the Institutional Repository Investigative Task Force is providing this update on the available consortial institutional repository technologies.

Referencing final report: https://www.carli.illinois.edu/sites/files/governance/IRTF_Final_Report.pdf

Recommendation #2:

CARLI acts as a clearinghouse for information and education about IRs but not provide IR functionality for CARLI members.

The CARLI office and staff is currently unable to provide this service. Additionally, we feel that, while certain elements of service provided by such a clearinghouse, the educational component in particular, overlap with the efforts of the CARLI Collections Management, Created Content, and Public Services Committees, this work would not fit into a single committee. Our group recommends retaining some form of the current task force to monitor the evolving landscape of institutional repository platforms and to generate limited outreach in the form of updates or an email list for members on this topic.

Institutional Repository Platforms

- Bepress/Digital Commons(<http://www.bepress.com>): Digital Commons is the only proprietary platform to be included in this list. There are 590 non-consortial institutions using the platform, a growth in membership following Elsevier's acquisition of the company. The platform continues to be a robust multi-feature product, and recent improvements include native streaming of multimedia, eliminating the need for third-party hosting platforms. There are currently 6 consortiums (https://www.bepress.com/categories_wdc/academic-consortia/) using Digital Commons. Bepress creates portals for their consortial customers which presents as a multi-tenant installation.
- DSpace (<https://duraspace.org/dspace/>): DSpace continues to be the most mature open source repository system on the market with over 2500 installations worldwide and 18 certified or listed vendor partners. There are a number of consortia in the United States utilizing DSpace including the Detroit Area Library Network (DALNET) and OhioLink, but these are not multi-tenant installations.
- Islandora (<https://islandora.ca/>): Islandora is an open source and mature repository system with a Drupal-based front end on top of a Fedora repository. There are over 250 installations worldwide, but only the Washington Research Library Consortium (WRLC) utilizes Islandora. Their instance is not a multi-tenant installation, but rather a single repository for their shared digital collection. Islandora is participating in a project with Private Academic Library Network of Indiana (PALNI) and Pennsylvania Academic Library Consortium, Inc (PALCI) on developing a collaborative instance for their repository solution (<http://www.palni.org/2019/01/11/library-consortia-partner-on-innovative-institutional-repository-solutions/>). No report is available on this work at this time.

- Samvera Hyrax (<https://hyrax.samvera.org/about/>): Hyrax is an open source repository front end that allows for customized workflows for ingesting items into a Fedora repository. The Samvera Interest Group for Advising the Hyrax Roadmap (<https://wiki.duraspace.org/pages/viewpage.action?pageId=90976017>) holds monthly calls (<https://wiki.duraspace.org/display/samvera/SIGAHR+Meetings>) and the software has had two releases in the past year. The work in the past year has centered on improving accessibility. The roadmap does not include building out a multi-tenancy solution for Hyrax.
- Samvera Hyku: Hyku is based on Hyrax and is billed as a “feature-rich multi-tenancy solution.” The Samvera Hyku Interest Group (<https://wiki.duraspace.org/display/samvera/Samvera+Hyku+Interest+Group>) holds monthly calls (https://docs.google.com/document/d/1Fqc6o7r4zCZ44qIIWYt8H_7puAUvIlp_WIpGPydU_aQ/edit) and has made considerable progress working with PALNI and PALCI on testing the capabilities of Hyku in a consortial context. Recently, Notch8, a web application support and development company, has launched a Hyku hosting service called HykuUP (<https://www.notch8.com/hykuup/>).
- U of I platform: The University of Illinois at Urbana-Champaign Library is migrating away from DSpace and building institutional repository capabilities into its Medusa suite of services, which includes a digital preservation repository, digital collections manager, and research data repository. This institutional repository work will proceed in 2019 and 2020, with planning underway to make such services available to other institutions in Illinois when ready.

2018-2019 Task Force Members:

Cheri Cameron, Parkland College
 Stephanie Davis-Kahl, Illinois Wesleyan University
 John Dorr, Northwestern University, **chair**
 Kyle Rimkus, University of Illinois at Urbana-Champaign
 CARLI Staff: Elizabeth Clarage and Amy Maroso