COMPETITIVE ANALYSIS

As part of the Hydra-in-a-Box discovery process, we conducted a competitive analysis of several existing digital repository related products and services: Islandora, DSpace, CONTENTdm, figshare, Digital Commons, and Sufia.

Methodology

For each product and service analyzed, we read information published on the web site, blog, forums and email lists. We examined exemplar instances to see how people are using each product, and we surfaced related findings from our survey and interviews. Based on these sources, we took notes to effectively develop a detailed profile of each product/service.

Goals

The goal of the competitive analysis was to understand the digital repository solutions currently available, the capabilities of each, how they compare to one another, and who is using them.

Findings

A high-level summary of each product/service profile is captured in the table below.

	CONTENTdm	DSpace	Digital Commons	figshare	Islandora	Sufia
URL	https://www.oclc.org/contentdm.en.html	http://www.dspace.org/	http://digitalcommons.bepress.com/	http://figshare.com/	http://islandora.ca/	http://sufia.io/
Local/hosted	both	both	hosted	hosted	both	local
# of adopters/installations	2,000+ institutions	2870	300+	16 Figshare for Institution pilots (as of June 2016)	122	30 organizations (as of Nov. 2015)
# of code committers (open source only)	N/A	24 active 12 emeritus	N/A	Staff includes 10-12 engineers	13	57
Content types	Broad file format support but focus is mostly on image-based works and scanned manuscripts and text-based works.	Mostly IR works: articles, preprints, working papers, technical reports, conference papers, theses, data sets	IR works: Articles, conference publications, theses, data. Images. Books.	Focused on research data, but not exclusively	Solution packs with content-specific viewers support: Audio Books Compound objects Disk images Images Newspapers PDFs Videos Web archives	Mostly IR works: Also digital collections, data repositories, digital archives
Road map	None found	7.0 https://wiki.duraspace.org/display/DSPACE/RoadMap	None found	None found	None found	https://github.com/projecthydra/sufia/milestones

	CONTENTdm	DSpace	Digital Commons	figshare	Islandora	Sufia
Notable strengths	Integration with OCLC WorldCat and other services Metadata tooling and workflows OCR support	Large community Service provider support Easy to install SEO	Customer support, training Customization support Analytics & depositor reporting	Research data focus Ease of use Solutions for individuals, institutions, publishers API Altmetrics integration	Service provider support Drupal penetration, familiarity	Growing, vibrant community New, open technologies Versatile