

Hyrax for Research Data Deep Blue Data

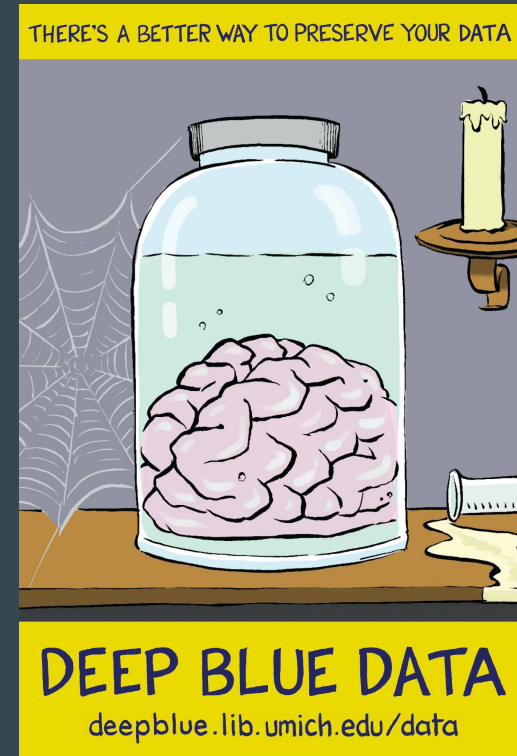
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@NabeelaJaffer | @mutanthumb | #Samvera2017

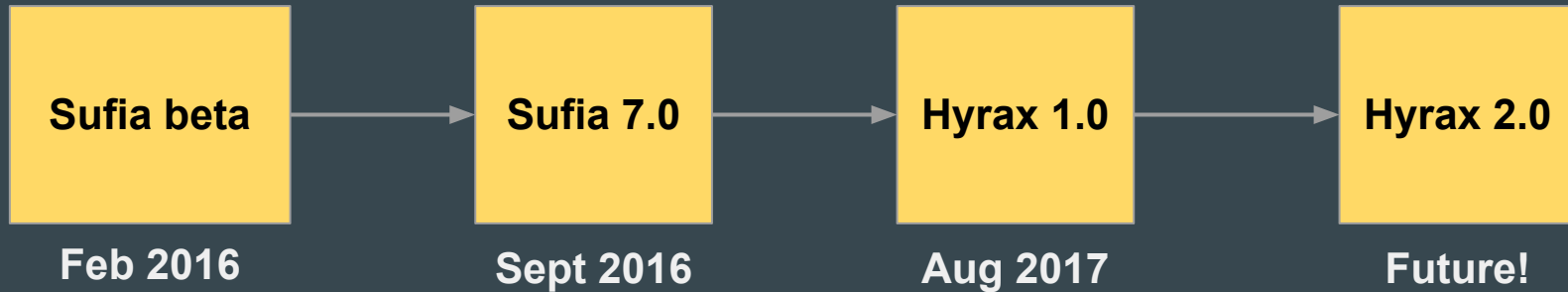


What is Deep Blue Data - Hyrax based

- Expansion of Deep Blue, which preserves and provides access to the intellectual output of the UM (e.g. published articles)
- Optimized for data access and preservation
- Deep Blue Data accepts:
 - Data from all disciplines
 - Data in any format. Open, nonproprietary and widely used formats are preferable
 - Data in all sizes that are technically possible



Deep Blue Data - Sufia To Hyrax



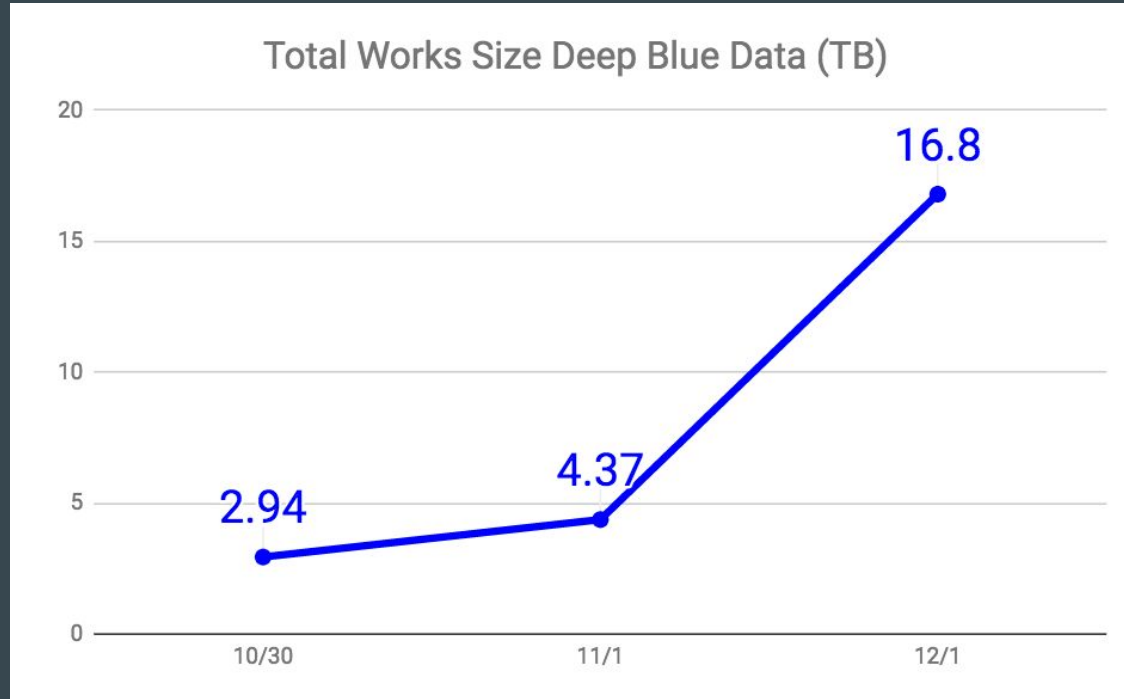
Deep Blue Data Inventory (May 2016)

- **34 deposited works**
 - Health Sciences: 16
 - Humanities: 7
 - Science: 5 (2 migrated from Deep Blue)
 - Social Sciences: 2
 - Engineering: 2 (1 migrated from Deep Blue)
- **Currently reviewing deposits**
 - Developing rubric for assessing quality
 - Will need help from subject librarians!
- **20+ “in progress” deposits**

Stats 2017

- Total works: 204
- Total files_sets: 7321
- Unique authors: 30
- Repeat authors: 10
- Unique depositors: 65
- Repeat depositors: 16

Stats 2017 - continued



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LIT and RDS



Library IT has traditionally used waterfall approach

One of the first projects to use Agile methodology

- Improved communication resulted in less ‘do it again’
- Regular IT and RDS team meetings helped in deciding as a group
- Working demo was shared frequently to get feedback from RDS
- Flexibility in feature list while keeping the promise of meeting deadline.

Additional Features

Draft mode

Additional metadata






Redesigned Ingest process

Globus for big data downloads -

https://training.deepblue.lib.umich.edu/data/concern/generic_works/cv43nw83b?locale=en

Globus

Files

File	Filename	Date Uploaded	File Size	Access	Actions
	CRMA 2017 Annual_grain.csv	2017-11-06	42.7 KB	Open Access	View Details
	CRMA 2017 Diversity x Nitrogen.csv	2017-11-06	38.8 KB	Open Access	View Details
	CRMA 2017 Main_metadata.csv	2017-11-06	2.83 KB	Open Access	View Details
	CRMA 2017 Main.csv	2017-11-06	70.7 KB	Open Access	View Details
	CRMA 2017 Annual_grain_metadata.csv	2017-11-06	2.98 MB	Open Access	View Details

Download All Files

Download All for Globus



Service Side Opportunities & Challenges

Large data set challenge

Admin side

Workflow - unmediated deposit to mediation

Shared space on the server

Questions + discussion

What kind of data are you working with?

- Do you want to / can you share it?
- Do you have a preservation strategy?



Image by iconsphere via Noun Project