And the survey said…?

Draft DSpace Vision Survey results

Overview

- DSpace vision survey
- Jan / Feb 2014
- 112 started, 83 completed
- SurveyMonkey

How long have you been using DSpace?

1. How long have you been using DSpace (in years)?

	Response Percent	Response Count
Less than 1 year	13.7%	16
1-2 years	12.0%	14
3-4 years	16.2%	19
5-6 years	19.7%	23
6-8 years	**23.1%**	**27**
More than 8 years	15.4%	18
	answered question	**117**
	skipped question	**1**

What version of DSpace do you currently use?

2. What version of DSpace do you currently use?

	Response Percent	Response Count
1.4.x or earlier	2.6%	3
1.5.x	2.6%	3
1.6.x	6.1%	7
1.7.x	10.4%	12
1.8.x	28.7%	33
3.x	**49.6%**	**57**
4.x	10.4%	12
	answered question	**115**
	skipped question	**3**

How do you use DSpace?

4. How do you use DSpace? Please check all that apply.

		Response Percent	Response Count
For research and scholarship produced within our institution		**81.4%**	**92**
For research and scholarship produced more broadly		19.5%	22
For research data produced within our institution		36.3%	41
For research data produced more broadly		9.7%	11
For open educational resources		23.0%	26
For administrative records produced within our institution		24.8%	28
For our digital and digitized collections		54.9%	62

Other platforms

- Lots of integration with unified discovery products (Primo, Summon, EDS)
- Lots of interest in ArchivesSpace
- Some interest in using Fedora
- Some interest and use of Vivo
- Small group of Vireo users

11. DSpace currently provides many features, either out-of-the-box, through optional extensions, or by integrating with third-party services. The following page lists a number of features. For each, please indicate how important each of these is to you. Please note that not all of the following features are currently available in DSpace.

	Very important	Moderately important	Not important	Rating Count
Create and manage files and metadata (as an Item)	**100.0% (93)**	0.0% (0)	0.0% (0)	93
A Community and Collection hierarchy (or generic containers)	**53.8% (50)**	39.8% (37)	6.5% (6)	93
Create new versions of existing Items	34.8% (32)	**48.9% (45)**	16.3% (15)	92
Support for derivative objects (e.g. thumbnails, coversheets)	35.9% (33)	**58.7% (54)**	5.4% (5)	92
Metadata for all levels of object hierarchy (e.g. for Communities and Collections)	**52.7% (49)**	34.4% (32)	12.9% (12)	93
Relationships between objects (e.g. Author items as Authors of an item rather than textual metadata)	**64.4% (58)**	34.4% (31)	1.1% (1)	90
Support for hierarchical metadata formats (e.g. METS / MODS)	**48.9% (43)**	44.3% (39)	6.8% (6)	88
Item approval workflows	**64.1% (59)**	29.3% (27)	6.5% (6)	92

Item embargo facility	**76.1% (70)**	20.7% (19)	3.3% (3)	92
Support for flexible licensing, including Creative Commons	**71.1% (64)**	26.7% (24)	2.2% (2)	90
CRIS functionality (Current Research Information System: researcher pages and automated publication feeds from external data providers)	**37.1% (33)**	36.0% (32)	27.0% (24)	89
Search and browse for Items	**88.2% (82)**	11.8% (11)	0.0% (0)	93
Easy and intuitive deposit mechanism for users	**81.5% (75)**	14.1% (13)	4.3% (4)	92

Batch deposit (multiple item deposit via the user interface)	**76.1% (70)**	19.6% (18)	4.3% (4)	92
Batch download (multiple item download as a single file)	**46.1% (41)**	**46.1% (41)**	7.9% (7)	89
Authentication with common single-sign-on systems (e.g. LDAP, Shibboleth)	**75.8% (69)**	18.7% (17)	5.5% (5)	91
Most configuration takes place via the administrative user interface	**60.2% (53)**	31.8% (28)	8.0% (7)	88

Template-driven user interface for easy branding	**56.0% (51)**	38.5% (35)	5.5% (5)	91
User interface and theme management takes place via user interface	**44.6% (41)**	40.2% (37)	15.2% (14)	92
Search Engine crawler-friendly user interface	**78.3% (72)**	21.7% (20)	0.0% (0)	92
Specialised content delivery mechanisms (media players, page turners, document viewers)	**48.9% (44)**	38.9% (35)	12.2% (11)	90
Content streaming (video player)	**48.4% (44)**	41.8% (38)	9.9% (9)	91
Basic preservation (fixity checks)	**68.9% (62)**	28.9% (26)	2.2% (2)	90
Format identification and reporting	45.6% (41)	**48.9% (44)**	5.6% (5)	90
Advanced preservation services (e.g. format migration)	**47.8% (43)**	36.7% (33)	15.6% (14)	90
Persistent identifiers: handles	**71.7% (66)**	22.8% (21)	5.4% (5)	92
Additional external persistent identifiers: DOIs, DataCite	**56.7% (51)**	37.8% (34)	5.6% (5)	90
Other external identifiers: ORCID	**52.2% (47)**	40.0% (36)	7.8% (7)	90
Basic statistics (item access counts, file downloads)	**80.6% (75)**	19.4% (18)	0.0% (0)	93

Advanced statistics (search terms, geographical locations)	**65.9% (60)**	30.8% (28)	3.3% (3)	91
Altmetrics	**50.6% (44)**	44.8% (39)	4.6% (4)	87

Open Access status tracking and compliance checking	**51.1% (45)**	43.2% (38)	5.7% (5)	88
Standard repository machine interfaces (e.g. OAI-PMH, SWORD v2, ResourceSync)	**79.8% (71)**	18.0% (16)	2.2% (2)	89
REST API for building external applications	**54.4% (49)**	42.2% (38)	3.3% (3)	90

What other features should DSpace provide?

10	I'm currently working on a grand new feature, but I don't want to talk about before it's working.

6	A catalog-like structure which allows for internal relationships between name variants of the same entity.
7	ESPECIALLY: "Relationships between objects (e.g. Author items as Authors of an item rather than textual metadata)"

What other features should DSpace provide?

12	Relationship between objects. Space to bundle administrative correspondence or preservation related to items. Re: Format identification and reporting -- use an international registry to identify formats and extend the management of objects (for example PRONOM and the tool FITS)
13	-
14	Should have feature to install very easily and import and export data in Excel/CSV formats without many steps
15	The more that I can do without bugging my tech team, the better. I know my way around most content management systems (Joomla, Drupal, WordPress, Content5, etc). But I don't know how to install and back them up ... I could learn, WordPress is easy enough, but I don't have the time. So, I'd be glad to do some of the tasks that I have to rely on others to do ... (move collections, convert a community to a subcommunity, etc) ... if these were (documented) options in the user interface.
16	- DataSet archiving - Semantic search -Easy integration with a CMS for editing Info/news for Repository/Community/Collections

What other features should DSpace provide?

18	You should just stop developing it. Start fresh. The questions above are all must haves and loads come for free it you just choose another system architecture.
19	Fully support of REST API! perhaps with Oauth authorisation Social Media integration
20	authorized users should be able to create their own communities/collections. users should log in and be able to submit work prior to being authorized (this is a strange workflow that users do not expect give most web-based systems). users should be alerted to their stats, via email. browse by type (articles, data, books, etc.). tools like mendeley can pull metadata from a pdf...so should DSpace. DSpace should federate all instances of DSpace (maybe by country)...like Digital Commons does.
21	The biggest single issue is the REST api, which should be allowed to evolve as it is put into real use. We expect a number of DSpace features to become essential but 'headless' services over time. The REST api is seen as the start of that journey. The current UI is seen as a Librarian's view of how things should be deposited and we hope to adapt to a more user-oriented view now we can use the api.

It has evolved from being my university's institutional repository --and therefore the "public face" of its research outputs-- to more of a back-end function, with VIVO now providing a more holistic view of researchers and their outputs.

What does DSpace mean to you?

Page 5, Q13. What does DSpace mean to you? Please choose words that describe the services it provides, and the way you use it to offer services. Please enter any words that come to mind when thinking about DSpace!		
1	Open Access	Mar 7, 2014 2:20 PM
2	A digital platform to ingest, preserve, and publish collections and to provide a variety of dissemination interfaces.	Mar 7, 2014 12:47 PM
3	archive for digital material - scholarly record and institutional memory. Part of the mechanism for open access scholarship.	Mar 7, 2014 9:36 AM
4	Long-term storage. Preservation. Discoverability of holdings.	Mar 7, 2014 5:48 AM
5	Flexible, simple, robust, secure	Mar 6, 2014 12:28 PM
6	DSpace in our mind is a digital library that house many different things from scholarly works to digital collections. As a platform we want it to be a robust digital asset management system that not only provides great functionality for the user (interface, searching and browsing, full item metadata records not showing Dublin Core but the display labels like in the submission forms, style and branding) but also the administrator (advanced preservation services (fixity checks, format migration, AIP packaging, bit corruption or loss detection, PREMIS) and management tools (global editing, global deletion, batchupload, ability to query across all collection for quality control checks, ability to create templates within DSpace instead of the input-forms.xml file). Basically our vision is to get as close as we can to a n all-in-one platform.	Mar 6, 2014 8:33 AM
7	repository metadata access integration	Mar 6, 2014 7:39 AM
8	Flexible, access control	Mar 6, 2014 6:34 AM
9	Persistent Warehouse Content Management	Mar 5, 2014 2:00 PM
10	Community; open access; scholarly communication; connection	Mar 5, 2014 1:10 PM
11	Awesome. Reliable.	Mar 5, 2014 11:42 AM

What does DSpace mean to you?

DSpace is becoming a mission critical application for us. We maintain and eclectic mix of collections and through them provide critical services to several programs on our campus. Being able to manage our local instance also raises the profile of the library on campus. It provides us with visibility and people see us as having a useful skill set. Because of our history with DSpace, we were able to convince various academic programs and our University IT folks that it makes sense for the library to manage the Open Journal Systems (OJS) installation.

Good platform with lots of features. Good technical community. Just-right level of complexity.

Archiving of bitstreams and metadata. Presentation of items views. The OAI-PMH is important for getting our metadata to national and international service providers.

What does DSpace mean to you?

hate, frustration, insanely stupid metadata handling, ineffeiciency

Complicated

What is your biggest pain point?

1	It's relatively complex to install, customize, and manage. Improvements here would lower the total cost of ownership.	Mar 7, 2014 2:20 PM
2	From a features standpoint, DSpace has been ill suited to hierarchical content. From a technical standpoint, the software has been bug-prone.	Mar 7, 2014 12:47 PM
3	maybe that the whole system feels like 2002 rather than 2014.	Mar 7, 2014 9:36 AM
4	We have limited (external) IT support; the more features we can get into the UI, the better. e.g. field visibility during submission/workflow and publication type based submission forms	Mar 7, 2014 8:33 AM
5	Upgrading.	Mar 7, 2014 5:48 AM
6	Non-native deposit form (SWORD) that cannot accept special characters (i.e. subscripts, scientific formula etc.).	Mar 6, 2014 12:28 PM
7	Not able to handle compound objects No built-in media for viewing documents, video, and listening to audio No advanced preservation services (ability to capture administrative metadata using PREMIS, format migration, bit corruption or loss detection to name a few) No way to create metadata templates within DSpace and not the input-forms.xml file	Mar 6, 2014 8:33 AM
8	Lack of bulk import features via the UI	Mar 6, 2014 7:39 AM
9	Unable to create input forms or batch load records through user interface	Mar 6, 2014 6:34 AM
10	Content Management Branding Content Restricting access to collections by default	Mar 5, 2014 2:00 PM
11	Search function	Mar 5, 2014 1:10 PM
12	Batch uploading	Mar 5, 2014 11:42 AM
13	I would say marketing DSpace's user interface is our biggest pain point. With faculty, especially, it's near-impossible for us to compete with commercial services like Academia.edu, in terms of easy uploads and submissions, and the value proposition is pretty poor for them--we can make some statistics available at the item view, but we can't create pretty summaries of all their articles within our community unless we pull that data and generate it for them (which we do, and it is a significant manual effort).	Mar 5, 2014 7:34 AM

What now?

- Define
  - Vision
  - Product roadmap
  - Plan to make it happen