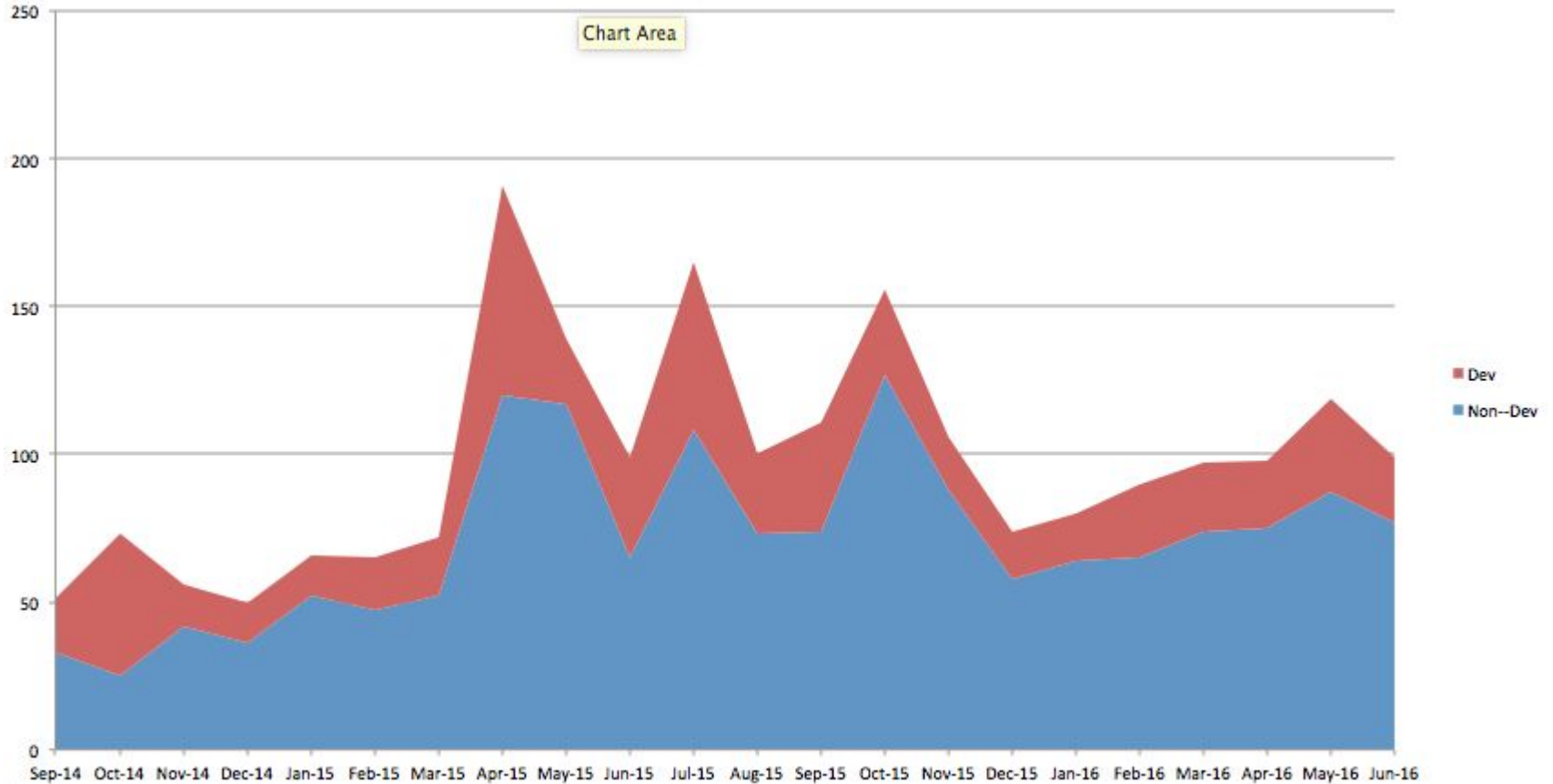


Dataverse Update Part 2

Tuesday, July 12, 2016
Dataverse Community Meeting

Dataverse support (# of request tickets)



Dataverse Development and Support

- Usage of Dataverse has greatly increased
- Number of worldwide installations increasing
- Feature requirements continue to expand
 - Improving user experience
 - More data formats
 - More metadata
 - Larger and more files
 - Security
 - Internationalization
- Test matrix continues to expand
- Harvard Dataverse team size remains fixed

Community Participation

- Encourage adoption and use
- Develop software to satisfy your requirements and share your innovations
- Improve the user and administrative experience
- Develop new tests
- Develop tools for testing, installing, and migrating
- Participate in pre-release testing
- Participate in usability testing
- Increase support within your institution and across the larger community
- Improve or write new documentation
- Attend Community Meetings
 - Annual meeting
 - Bi-weekly conference calls
 - Quarterly developer collaboration

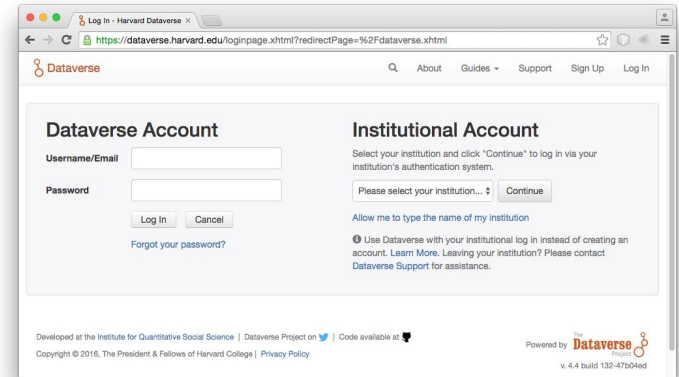
DataCite

- Dataverse 4.0 shipped with support for registering DOIs for Datasets via EZID API
- Support for registering Datasets via DataCite API added to Dataverse 4.3
- At installation the registration service must be selected and set in Dataverse application parameters
- Once a DOI registration service is selected it may not be changed.
- Work has been started on making Dataset registration more flexible including adding Handle support



Shibboleth® (Single Sign On)

- Built on mod_shib (Apache), shibd, Embedded Discovery Service (EDS)
- In production at UVa and Harvard
- UNC and Federated Login Mode (#2937)
- InCommon Research & Scholarship category
- Identity Provider (IdP) is the source of truth
- Institution-wide groups
- Docs at guides.dataverse.org



Widgets

- Improved Dataverse Widget
 - Search
 - Facets / Filter results
 - Navigation (datasets / sub dataverses)
 - navigating to parent Dataverse sends you to Dataverse app (in new tab / window)
- New Dataset Widget
 - Add a way for visitors on your website to be able to view your datasets, download files, etc.
- New Data Citation Widget
 - Add a citation for your dataset to your personal or project website.

Export and Harvesting

Harvesting

- OAI server
- Admin setup

Export

- DDI
- Dublin Core
- Raw JSON
- Coded in a way to allow additional formats to be added easily

Private URL

- Curators create a Private URL
- Reviewers all click same Private URL
- Read only "Member" role used
- Deleted on publish
- Can also be used post-publication
- All files can be downloaded
- Slated for Dataverse 4.5

The screenshot shows a web browser window displaying the Dataverse interface for the 'Darwin's Finches' dataset. The browser address bar shows a local host URL. A yellow banner at the top indicates that 'NetBeans Connector' is debugging the browser. The main content area shows the dataset details, including the title 'Darwin's Finches', the author 'Finch, Fiona, 2016', and the DOI '10.5072/FK2/MOQCH6'. A modal dialog box is open in the foreground, titled 'Unpublished Dataset Private URL'. The dialog contains the following text: 'Use a Private URL to allow those without Dataverse accounts to access your unpublished dataset. For more information about the Private URL feature, please refer to the User Guide.' Below this text is a text input field containing the message 'Private URL has not been created.' and two buttons: 'Create Private URL' and 'Close'. The background interface shows a file list with one file, 'Zebra_Finch.jpg', and a 'Download' button.

Roadmap

Remainder of 2016

- Harvard Team
 - 4.6 - File Level metadata, provenance (summer)
 - 4.7 - Administrative Dashboard
 - 4.x - ...
 - 5.0 - DataTags / sensitive data support
- Community
 - Registration Service Providers
 - Handles (DANS)
 - Da|ra (Gesis)
 - Internationalization (Scholars Portal, Fudan, Peking)

RoadMap (continued)

2017

- Continue sensitive data support
- Support for Big Data
 - Large-scale data (rsync, Globus)
 - Streaming data

Questions?

Dataverse community participation survey

<https://goo.gl/ZIT90L>