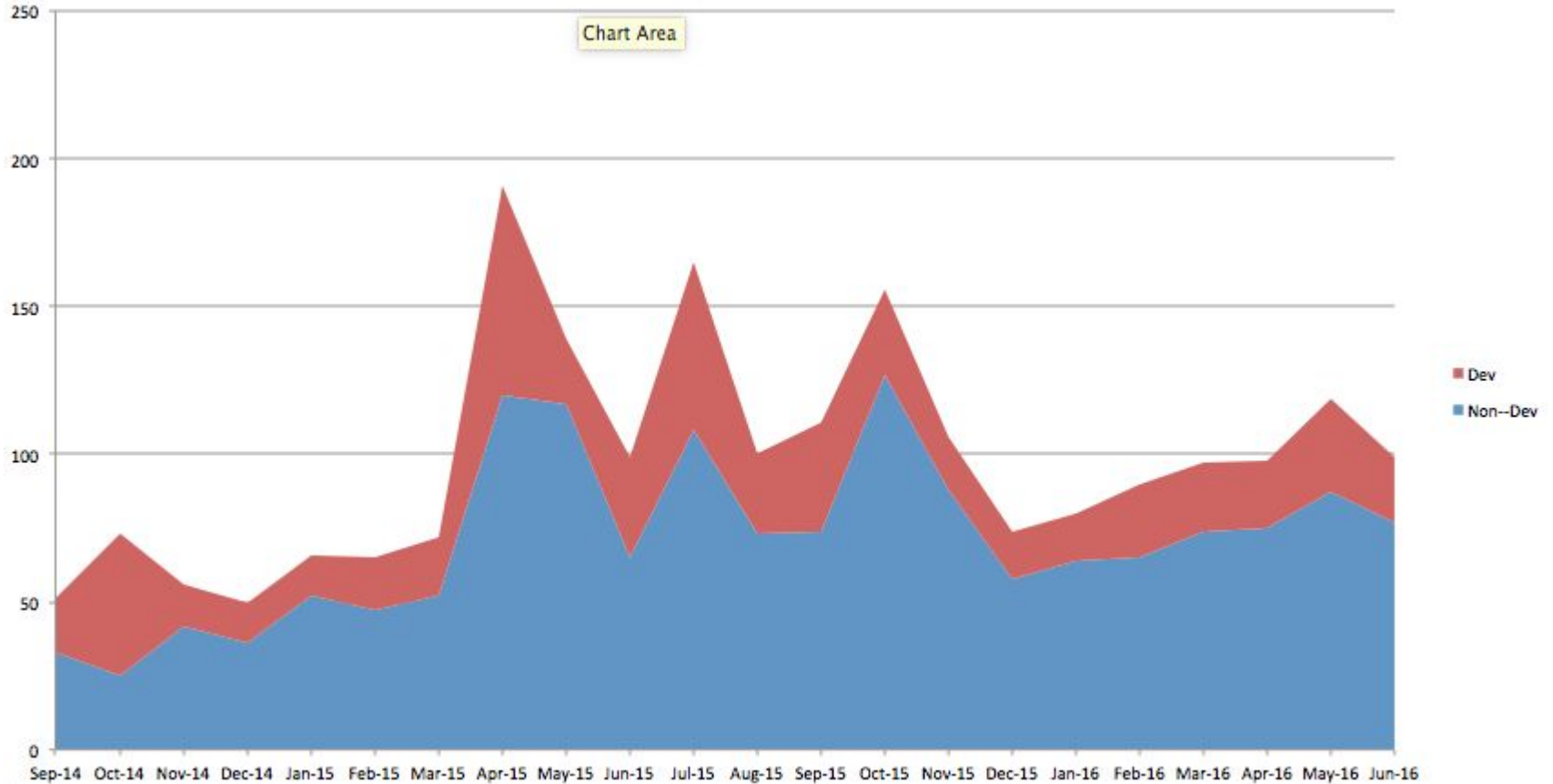# Dataverse Update Part 2

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
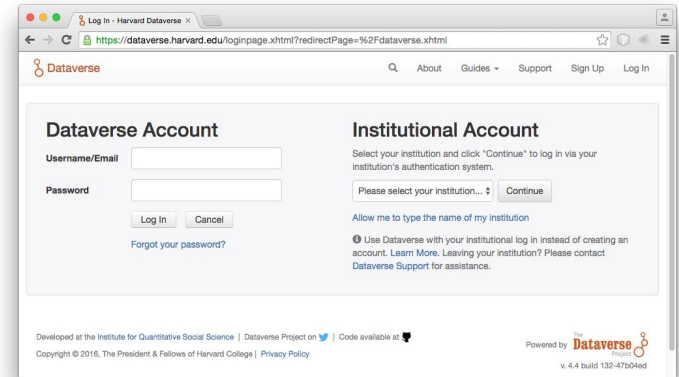 - Bi-weekly conference calls
  - Quarterly developer collaboration

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

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