

arXiv update

Thorsten Schwander

Peter Halliday

Martin Lessmeister

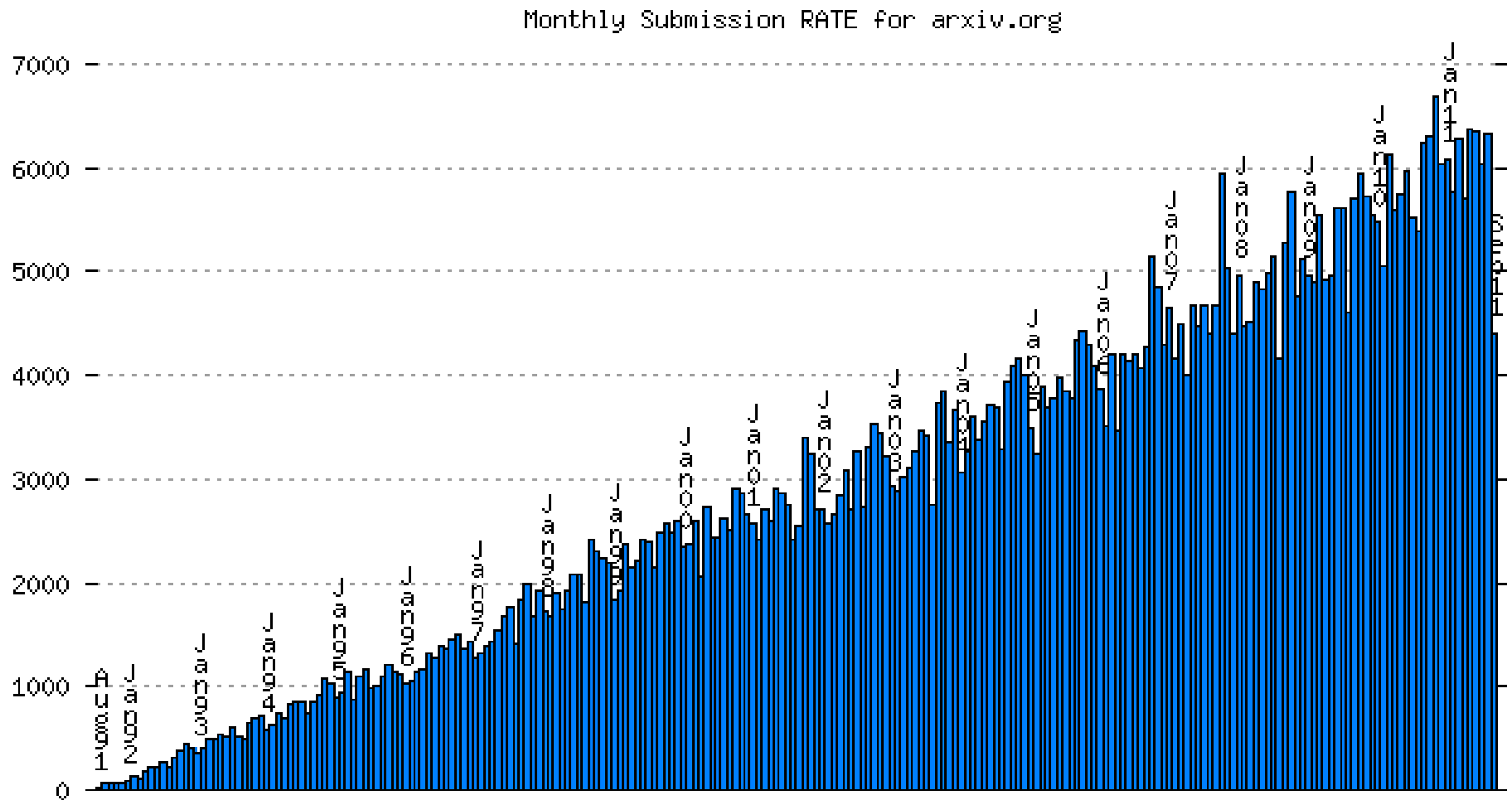
David Ruddy

Oya Reiger

Simeon Warner (blame me for slides)

AAHEP5, 21-22 September 2011,
Cornell University Library, Ithaca, NY

Still linear after all these years...



First 20.2 years (20 Sep '11 total = 702,757)

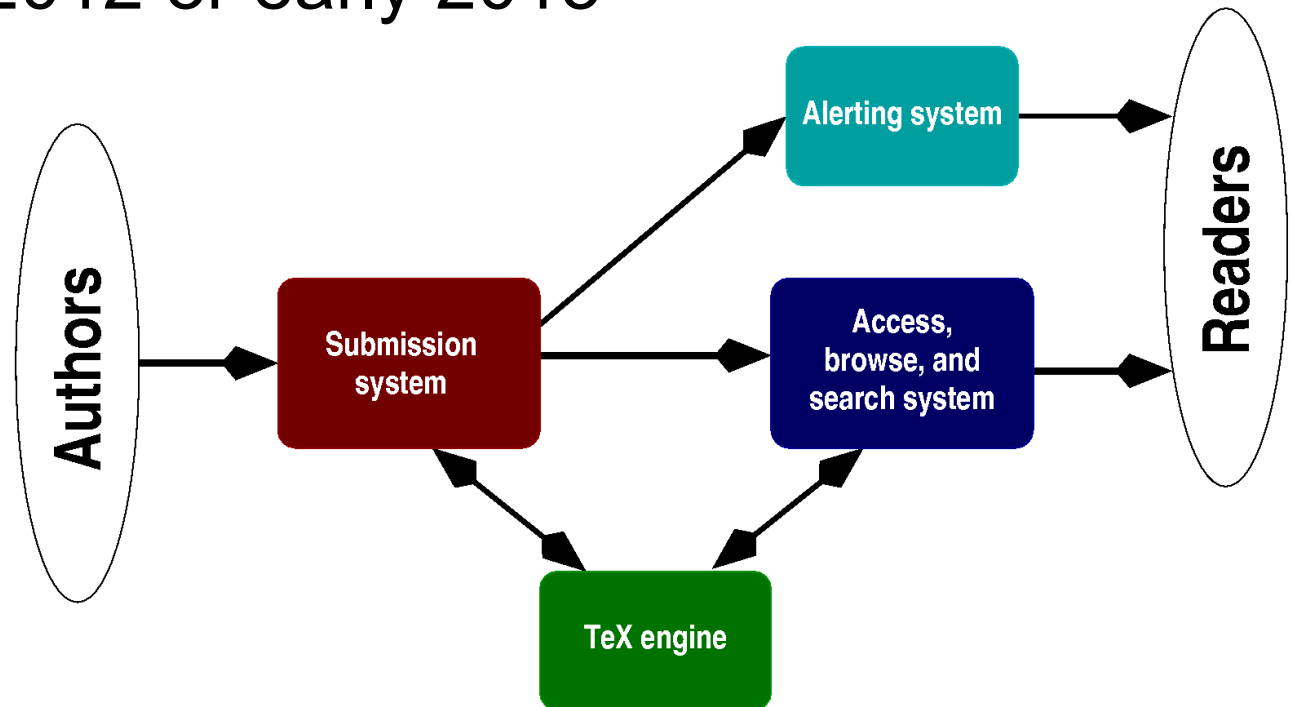
Not quite 600k articles at last AAHEP, now just past 700k.

New submission system

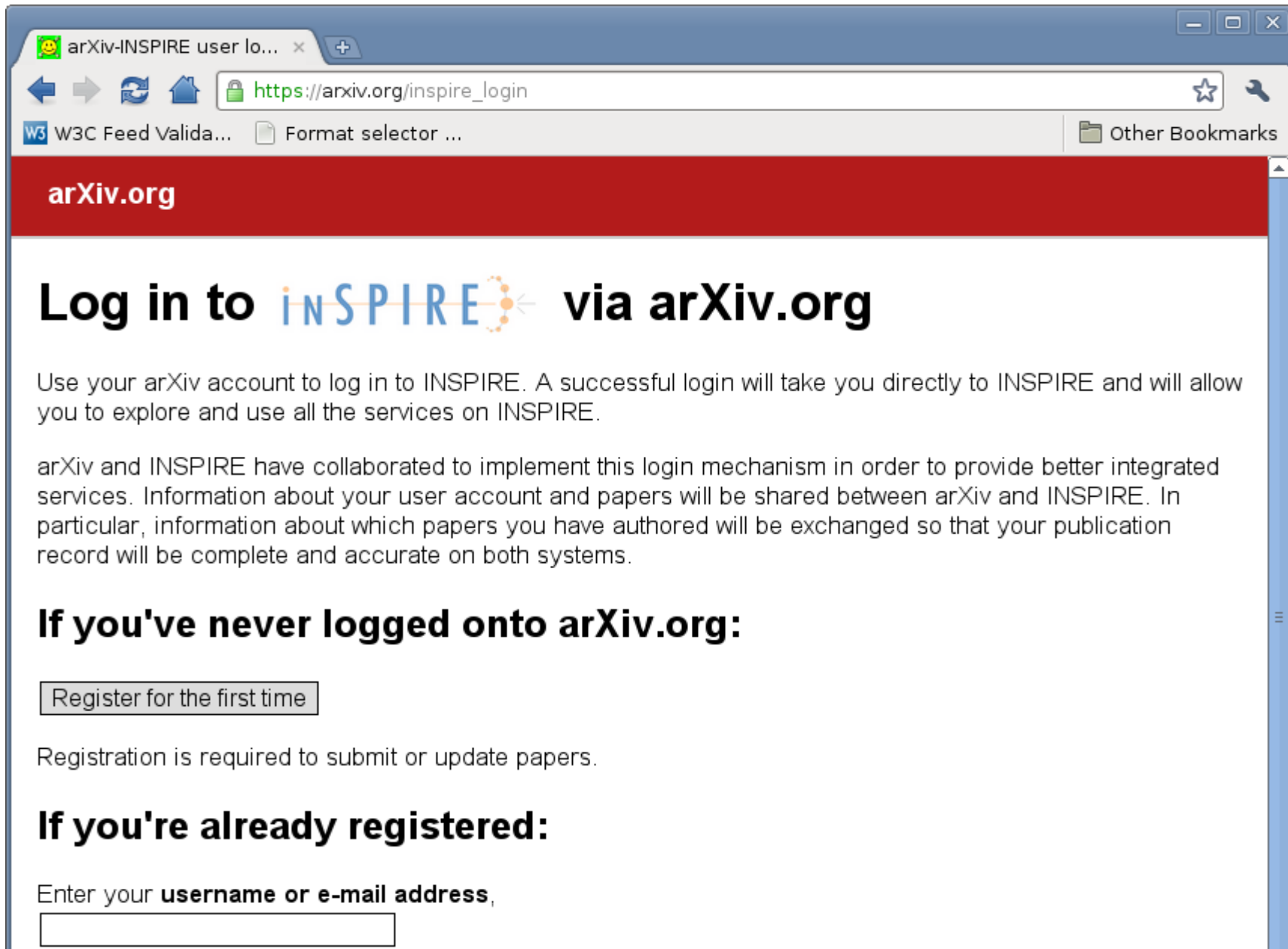
- Just online for AAHEP4 (Apr 2011), now processed over 109k submissions, 59k replacements
- Many bug fixes and refinements last year
- Generally positive comments from users (unlike old form!)
- Added support for upload of auxiliary files and for datasets to go to Data Conservancy
- Will add support for `authors.xml` to pre-fill metadata


Invenio migration

- Goals: less in-house code, closer collaboration, better services
- Transition for access system underway, aim to complete end 2012 or early 2013



Shared login with Inspire



The screenshot shows a web browser window with the address bar displaying `https://arxiv.org/inspire_login`. The page has a red header with the text "arXiv.org". The main content area features the heading "Log in to  via arXiv.org". Below this, there is a paragraph explaining the login process: "Use your arXiv account to log in to INSPIRE. A successful login will take you directly to INSPIRE and will allow you to explore and use all the services on INSPIRE." Another paragraph states: "arXiv and INSPIRE have collaborated to implement this login mechanism in order to provide better integrated services. Information about your user account and papers will be shared between arXiv and INSPIRE. In particular, information about which papers you have authored will be exchanged so that your publication record will be complete and accurate on both systems." The page then has two sections: "If you've never logged onto arXiv.org:" with a button labeled "Register for the first time", and "If you're already registered:" with a text input field for "username or e-mail address".

arXiv-INSPIRE user lo... x

`https://arxiv.org/inspire_login`

W3C Feed Valida... Format selector ... Other Bookmarks

arXiv.org

Log in to via arXiv.org

Use your arXiv account to log in to INSPIRE. A successful login will take you directly to INSPIRE and will allow you to explore and use all the services on INSPIRE.

arXiv and INSPIRE have collaborated to implement this login mechanism in order to provide better integrated services. Information about your user account and papers will be shared between arXiv and INSPIRE. In particular, information about which papers you have authored will be exchanged so that your publication record will be complete and accurate on both systems.

If you've never logged onto arXiv.org:

[Register for the first time](#)

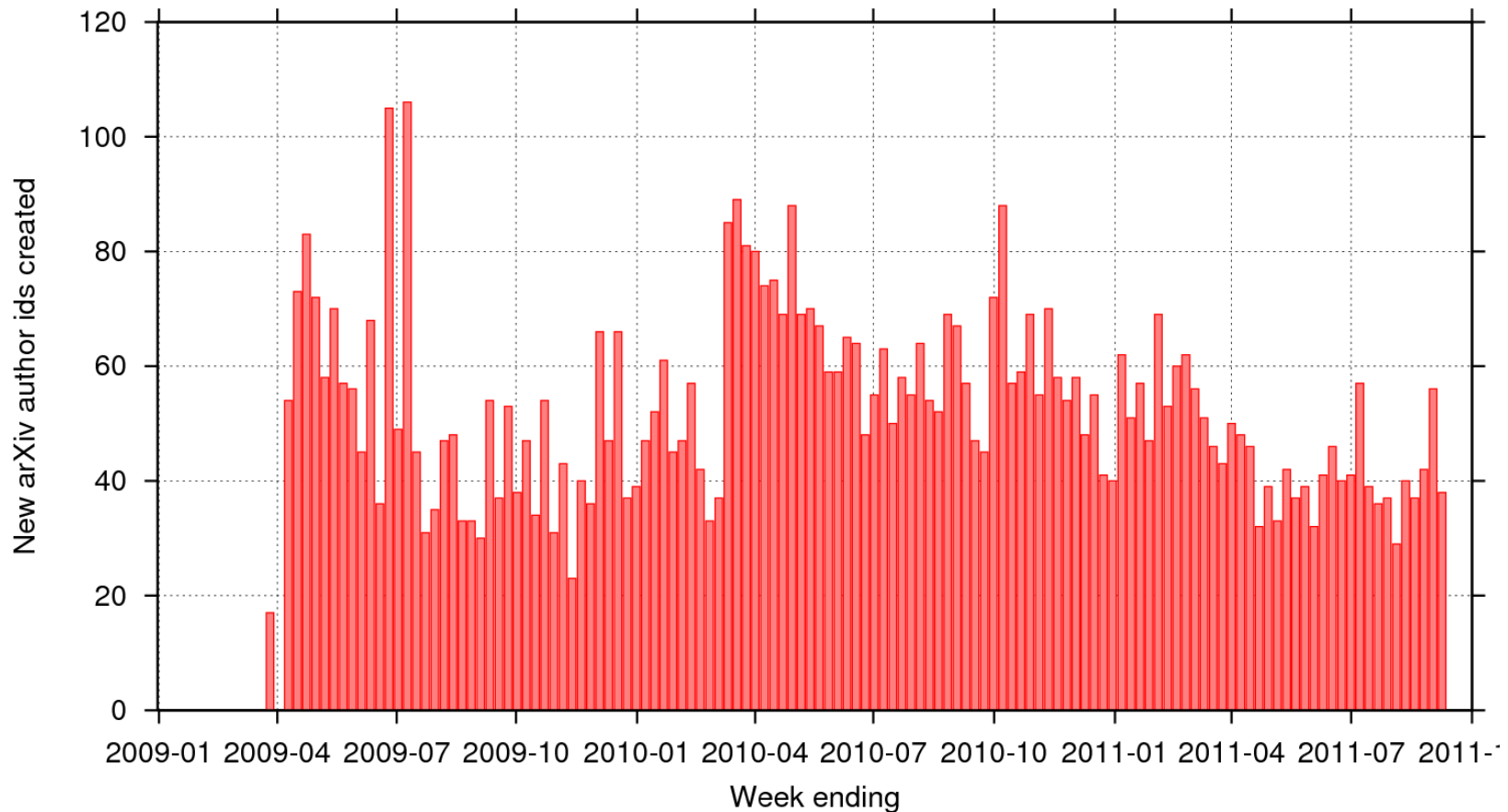
Registration is required to submit or update papers.

If you're already registered:

Enter your **username or e-mail address**,

Author ids

- Steady creation/claiming but no new services
- ~7k out of 124k accounts with articles (5.6%)
- ORCID



Miscellany

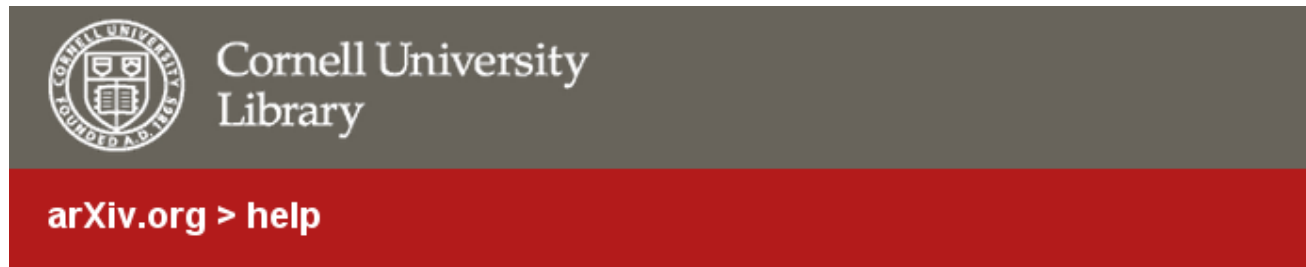
- Now provide both PDF and source files for download from Amazon S3
- Released “AutoTeX” code on CPAN
- SWORD uploads working well, have been promoting mechanism within repository community
- DOI and journal-ref feeds from Inspire, ADS, Elsevier, PTP ... happy to accept others
- Using overlap detection and classification software – in supervised mode – to help spot problematic submissions

arXiv operation

- Now somewhat more separate from development as a result of Cornell library re-org
- David Ruddy is lead, Thorsten Schwander has new oversight role (50%), and two admins
- We are succeeding in being ever more efficient
 - we aren't scaling admin effort with the number of submissions
 - always looking at process and tools

arXiv sustainability

- Oya Reiger lead
- \$360k raised in 2010, \$390k so far for 2011
- Continue to refine download stats collection
- Did small scale study showing strong correlation between upload and download numbers
- Support banners
- Regular updates



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arXiv Business Planning Update

July 2011

It has been 19 months since we announced the planning effort for a new collaborative arXiv business plan on several fronts—here are the highlights (some mentioned in previous updates):

- Implement a three-year interim plan (2010-2012) for seeking contributions from the top

Support for datasets

- Thorsten Schwander lead
- Worked with NSF Data Conservancy project
 - Additon arXiv upload to support data
 - Transfer to Data Conservancy repository
 - Linking from arXiv article
- Will re-evaluate at end of 2011