Linking Journals and Repositories Using OJS and Dataverse

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"Why?"

"The most immediate of these obstacles is the lack of a consolidated infrastructure for the easy sharing of data" - JORD Project results via EDaWaX blog

"Any moves towards data sharing are dependent upon the **cooperation of journals**."*
– Sergiu Ghergina and Dr. Alexia Katsanidou

*from European Political Science 2013: Data Availability In Political Science Journals

Open Journal Systems (OJS)

Open source journal management and publishing system created by PKP to expand & improve access to research.

OJS ...

✓ About 7000 journals worldwide using OJS considered to be "actively publishing" as of 2013
✓ Universal Metadata standards (expandable Dublin Core).
✓ Interoperability with other systems through standard protocols (such as OAI-PMH, APIs).
✓ Option for backups and replication of journals in different locations (LOCKSS) so access is never lost.

PKP

PUBLIC
KNOWLEDGE
PROJECT

The Story So Far

2 year Sloan Foundation grant (2012-2014):

Public Knowledge Project (PKP)
- Simon Fraser University
- Stanford University (John Willinsky)

Dataverse Network Project
- Harvard University's Institute for Quantitative Social Science (IQSS) (Gary King & Merce Crosas)
- Micah Altman – Director of Research at MIT

Timeline

- June 2012 – Work began
- Mid 2013 – Dataverse API functioning
- Sept 2013 – Prototype complete
- Late 2013 – External testing begins
- Feb 2014 – Wide release of plugin
- March 2014 – Production use begins
- May 2014 – Dataverse plugin now ships in OJS 2.4.4+
- Early 2015 – Dataverse 4.0; revisions
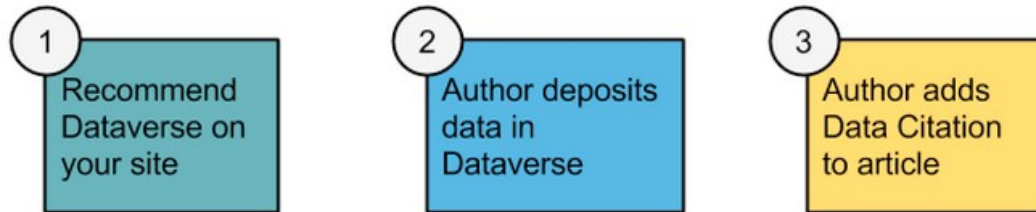
Committed users

Core plugin functionality

- Improves OJS file-level metadata

- Facilitates data sharing and archiving via concurrent deposit and persistent identifiers (citations generated & published both ways)

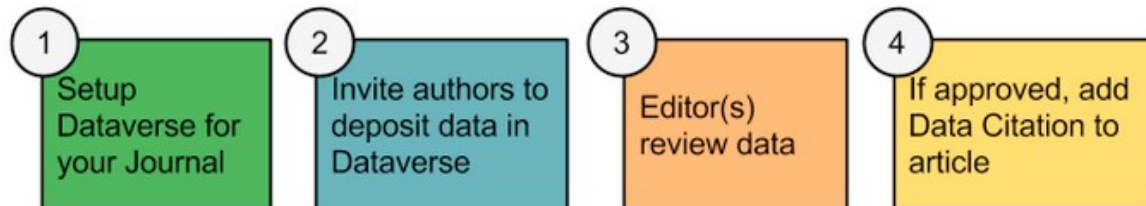- Allows rapid publication & review of data

Journals Working With Dataverse

Option A. Journals recommend Dataverse repository

1. Recommend Dataverse on your site
2. Author deposits data in Dataverse
3. Author adds Data Citation to article

Option B. Authors Contribute to a Journal + Dataverse

1. Setup Dataverse for your Journal
2. Invite authors to deposit data in Dataverse
3. Editor(s) review data
4. If approved, add Data Citation to article

Option C. Integration btw Journal + Dataverse

1. Setup Dataverse for your Journal
2. Connect journal with plugin to API
3. Author submits article + data to journal
4. Data also deposited to Dataverse
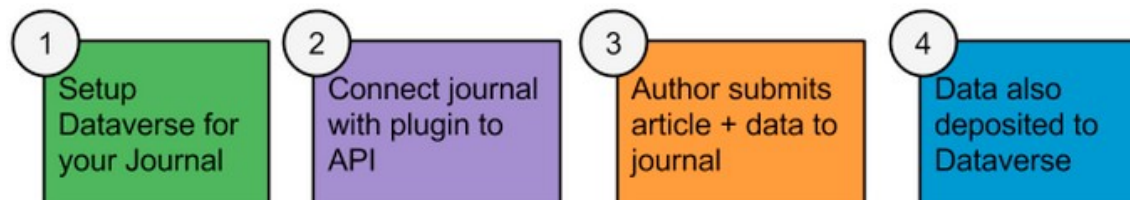
Which Workflow?

① 🧍 **Submit paper** ↝ **Approve paper + ask for data** 🔖 **Publish paper in OJS + release data in Dataverse**

② 🧍 **Submit paper + data** ↝ **Approve paper + review data** **Publish paper in OJS + release data in Dataverse**

③ 🧍 **Submit paper + data** ↝ **Reject paper + review data** **Release data in Dataverse**

+ 4, 5, 6, ...

Dataverse Network
@thedataorg

Following

"Building a Bridge btw Journal articles and Research Data" slides now available @mercecrosas @pkp thedata.org/presentations/… #idcc14

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12:42 PM - 26 Feb 2014

Mike Nason
@AhemNason

Unusually excited by @pkp additions of Dataverse support for linked data in #ojs

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7:22 AM - 14 May 2014

Scholars Portal
@scholarsportal

Follow

Scholars Portal now supports Dataverse integration with our hosted OJS journals pkp.sfu.ca/dataverse-netw…

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8:19 AM - 14 Apr 2014

Step 4a. Add a Supplementary File

<< Back to Supplementary Files

Supplementary File Metadata

To index this supplementary material, provide the following metadata for the uploaded supplementary file.

Title *	Untitled
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Type	Research Instrument ▾
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Brief description	
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	Use only with formally published materials.
Contributor or sponsoring agency	
Date	2013-11-04 YYYY-MM-DD
	Date when data was collected or instrument created.
Source	
	Name of study or other point of origin.
Language	
	English=en; French=fr; Spanish=es. Additional codes.

Dataverse

Deposit supplementary file in a Dataverse study created for this submission.

Data citation   No supplementary files have been deposited in Dataverse yet.

Creator (or owner) of file	
Keywords	

Type   Research Instrument ▾

Specify other [   ]

Brief description

Publisher [   ]

Use only with formally published materials.

Contributor or sponsoring agency [   ]

Date   2013-11-04   YYYY-MM-DD

Date when data was collected or instrument created.

Source [   ]

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Language [   ]

English=en; French=fr; Spanish=es. Additional codes.

Dataverse

Deposit supplementary file in a Dataverse study created for this submission.

Data citation   No supplementary files have been deposited in Dataverse yet.
Deposit file   ☐ Accept Dataverse terms of use and deposit supplementary file.

Supplementary File

File Name	1-1-1-SP.xlsx
Original file name	agarnett.xlsx
File Size	16KB
Date uploaded	2013-11-04 10:33 AM

☐ Present file to reviewers (without metadata), as it will not compromise blind review.

Replace file   [Choose File] No file chosen   Use Save to upload file.

New England Journal of Coffee

Home > No 1 > **Author**

📄 Download this PDF file

Roasting at Home

John Peets and Jane Stumptown

Considerations before you start roasting your own coffee at home.

FULLSCREEN

KEYWORDS

keyword 1 keyword 2 keyword 3 keyword 4

USER

You are logged in as...
admin

- My Journals
- My Profile
- Log Out

NOTIFICATIONS

- View (27 new)
- Manage

JOURNAL CONTENT

Search

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[Search]

Browse

- By Issue
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- By Title
- Other Journals

FONT SIZE

SWORD

- XML+ZIP-driven CRUD API

- Maintained by Cottage Labs (developers of OpenDOAR)

- Chosen for Dataverse API v1 because of currently popularity & existing code in OJS.

The FUTURE

- Dataverse 4.0 API support
  - OJS plugin has matched new features
  - API keys instead of passwords, etc.
  - SWORD may become secondary

! OJS 3.0 !
  -- It won't look as old.

Search...   Go

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- JOURNAL CONTENT

Search

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Website

‹   APPEARANCE   INFORMATION   ARCHIVING   **LANGUAGES**   PLUGINS   ANNOUNCEMENTS   NAVIG ›

LANGUAGES

⊞ Install Locale

OJS can be made available to users in any of several supported languages. As well, OJS can operate as a multilingual system, providing users with an ability to toggle between languages on each page, and allowing certain data to be entered in several additional languages.

If a language supported by OJS is not listed below, ask your site administrator to install the language from the site administration interface. For instructions on adding support for new languages, please consult the OJS documentation.

	Enable	Locale	Primary locale	UI	Submissions	Forms
✎	☑	**English**	⦿	☑	☑	☑
✎	☑	Deutsch *	○	☑	☑	☑
✎	☑	Español *	○	☑	☑	☑
✎	☑	Français *	○	☑	☑	☑
✎	☑	Português (Brasil) *	○	☑	☑	☑
✎	☑	Português (Portugal) *	○	☑	☐	☐

Marked locales may be incomplete.