

# 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)

The screenshot shows the homepage of the Open Health Data journal. The header features the 'UPmetaJournals' logo, the journal title 'open health data', and the 'ubiquity press open access' logo. A navigation menu includes links for Home, About, Editorial Board, Contact, Repositories, FAQ, Articles, and Archive. On the left, there are options to log in, register, and follow on Twitter or via RSS. The main content area includes a description of the journal, a cartoon illustration of a scientist and a rabbit on a book, and sections for 'Most recent articles' and 'Most popular articles'. An advertisement for 'eifl Open Access in developing countries' is on the right.

UPmetaJournals

open health data

ubiquity press  
open access

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UCL Open Access @UCLoA\_funding

UCL researchers: check out our wonderful Open Access FAQs, they explain how to use central funds to pay for your oa:  
<http://t.co/PIPIOFIKRL1>

*Open Health Data* is a peer-reviewed journal publishing papers that describe openly-accessible datasets with high reuse potential. We work with trusted data repositories to ensure that associated datasets are professionally archived, preserved, and openly available.

*Open Health Data* was previously published as the *Journal of Open Public Health Data*. The title and scope of the journal were amended on 1 January 2014 to support a broader range of health research.

Most recent articles

Nagulapalli  
Data from "Social determinants of unmet hospitalisation need...  
04 Nov 2013

Most popular articles

Alexander, Wint  
Projected Population Proximity Indices (30km) for 2005, 2030 & 2050  
11 Jul 2013

Ads

eifl  
Open Access in developing countries

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.

# 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

PKP

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PUBLIC  
KNOWLEDGE  
PROJECT



# 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



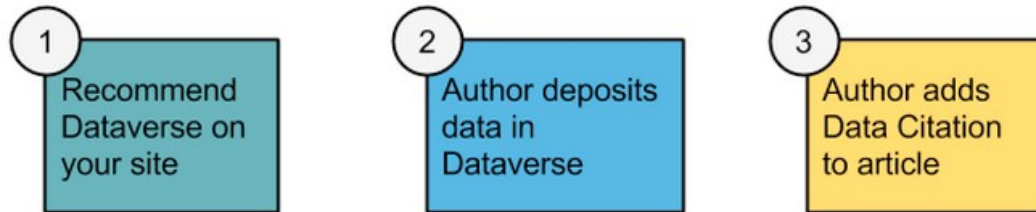
# Core plugin functionality

- 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

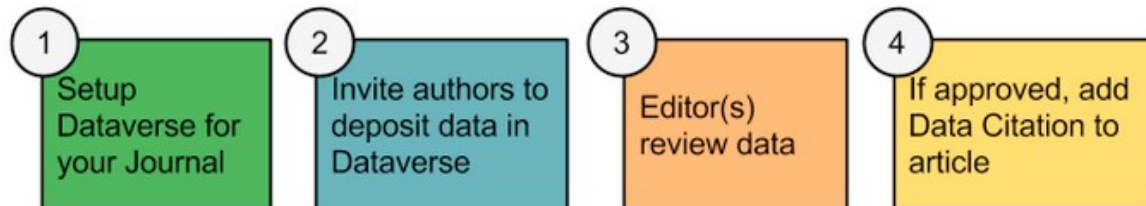


# Journals Working With Dataverse

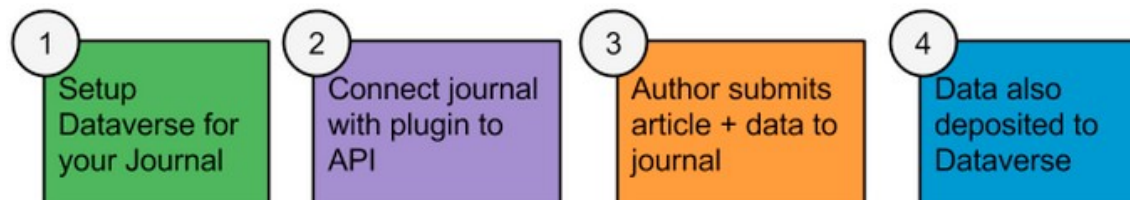
## Option A. Journals recommend Dataverse repository



## Option B. Authors Contribute to a Journal + Dataverse



## Option C. Integration btw Journal + 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  
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[thedata.org/presentations/...](http://thedata.org/presentations/...) #idcc14

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RETWEETS 5 FAVORITES 2



12:42 PM - 26 Feb 2014



**Mike Nason**  
@AhemNason

Unusually excited by [@pkp](#) additions of Dataverse support for linked data in #ojs

← Reply ↻ Retweet ★ Favorite ⋮ More

RETWEETS 5 FAVORITES 4



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...](http://pkp.sfu.ca/dataverse-netw...)

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RETWEETS 8 FAVORITES 4



8:19 AM - 14 Apr 2014

# Step 4a. Add a Supplementary File

1. START 2. UPLOAD SUBMISSION 3. ENTER METADATA 4. **UPLOAD SUPPLEMENTARY FILES** 5. CONFIRMATION

[<< Back to Supplementary Files](#)

## Supplementary File Metadata

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

Title *	<input type="text" value="Untitled"/>
Creator (or owner) of file	<input type="text"/>
Keywords	<input type="text"/>
Type	<input type="text" value="Research Instrument"/> ▾
	Specify other <input type="text"/>
Brief description	<input type="text"/>
Publisher	<input type="text"/>
	Use only with formally published materials.
Contributor or sponsoring agency	<input type="text"/>
Date	<input type="text" value="2013-11-04"/> YYYY-MM-DD
	Date when data was collected or instrument created.
Source	<input type="text"/>
	Name of study or other point of origin.
Language	<input type="text"/>
	English=en; French=fr; Spanish=es. <a href="#">Additional codes.</a>

## 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  ▼  
Specify other

Brief description

Publisher   
Use only with formally published materials.

Contributor or sponsoring agency

Date  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.](#)

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## 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.

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## 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.


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Replace file       No file chosen      Use Save to upload file.

# New England Journal of Coffee

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Home > No 1 > **Author**

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## Roasting at Home

John Peets and Jane Stumptown

Considerations before you start roasting your own coffee at home.

[FULLSCREEN](#)

### DATA CITATION

Author, Jen, "Author submission with supplementary files", <http://dx.doi.org/10.5072/FK2/MKCH6V2> [Version]

### KEYWORDS

[keyword 1](#) [keyword 2](#) [keyword 3](#)  
[keyword 4](#)

### USER

You are logged in as...

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### NOTIFICATIONS

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- [Manage](#)

### JOURNAL CONTENT

Search

Browse

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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...

• INFORMATION

For Readers  
For Authors  
For Librarians

• JOURNAL CONTENT

Search

All ▾

Browse

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## Website







APPEARANCE
INFORMATION
ARCHIVING
**LANGUAGES**
PLUGINS
ANNOUNCEMENTS
NAVIGATION

### 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
	<input checked="" type="checkbox"/>	English	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Deutsch *	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Español *	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Français *	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Português (Brasil) *	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Português (Portugal) *	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Marked locales may be incomplete.