The Coordination Challenge: Infrastructure Integration

John Willinsky, Stanford University
and the Public Knowledge Project

Elsevier's Internally Developed Services

Analytical Services: Institutional /national research performance indicators.

Expert Lookup: Text-mining tool to identify collaborators and reviewers.

Reaxys: Chemistry discovery tool literature, patents, and substances.

ScienceDirect: Platform for Elsevier's 3,800 journals and 37,000 books.

Scopus: Citational analysis database for broad span of literature.

Elsevier's Acquisitions

Bepress (2017): Institutional repository and journal publishing platform.

Hivebench (2016): Lab notebook services.

Mendeley (2013): Bibliographic, networking, management services.

Plum (2017): Article level metrics from social, news, research sources.

Pure (2012):   Research and researcher aggregator for assessment.

SciVal (2015): Research performance of 8,500 institutions.

SSRN (2016): Preprint repository with abstract-journal services.

Examples of Non-profit OA Publishing Initiatives

Arxiv.org (1992)

eLife (2012)

BioOne (1999)

Erudit (1998)

Knowledge Unlatched (2013)

Lever Press (2015)

Library Publishing Coalition (2013)

Open Access Network (2012)

Open Book Publisher (2008)

Open Humanities Press (2006)

Open Library of the Humanities (2015)

OpenEdition (2011)

PLOS (2000)

Redalyc.org (2002)

SciELO (1998)

SCOAP3 (2014)

Examples of Open Source Software Developers

History and New Media: Zotero.

COS: Open Science Framework.

Coko: Editoria.

CUNY AC: Commons in a Box.

Dataverse Project: Dataverse.

Duraspace: DSpace.

Hypothes.is: Annotation.

Stanford: LOCKSS.

PLOS: Ambra

Public Knowledge Project: OJS/OMP.

Stenci.la.

Substance: Texture.