

Who is That and What Do They Do?

Showing Connections Between External Services and Your Institutional Repository

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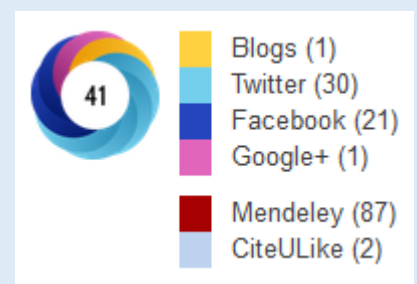
Alternative Research Metrics

There has been a movement to redefine research metrics in a way that gives the researcher credit for all the work they do – not just published pieces – and services are integrating alternative metrics into DSpace.

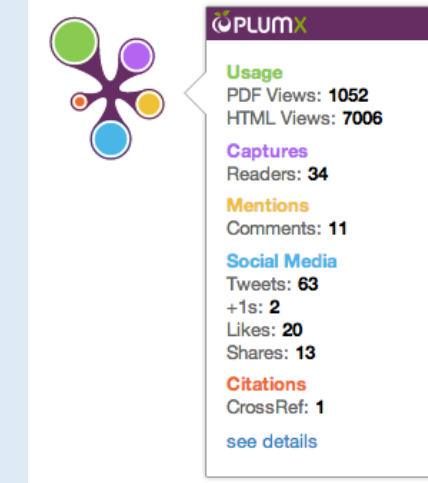
External Resources
Information is gathered from social media posts, reference managers, publisher information and others



- Article level alternative metrics gathered from social media sites, newspapers, government policy documents and other sources.
- Embed badge on items in DSpace.



- See impact of research from metrics collected from 30 sources including citations, mentions, captures and social media.
- Embed badge on items in DSpace.



- An open source individual research profile that helps researchers track the diverse impact of their research products with metrics from journal articles, blog posts, datasets, software and more.
- No current connection to DSpace.

Digital Preservation

Preservation solutions have been built to manage expanding digital collections and archive digital objects to allow for availability to future generations.



- Ensures digital preservation for digital assets making all content secure, accessible and readable for years to come.
- DSpace Ingest Workflow automates the bulk import of DSpace packages (records, files and metadata) into Preservice.



- Web page archiving service from the Internet Archive that helps organizations harvest website versions.
- Can automatically send versions to DuraCloud for storage.

External Storage
DPN, Amazon Cloud Services, Amazon Glacier, AtoM, etc.



- Management and preservation of digital items with backup, data integrity checks and storage across multiple cloud locations.

- Use DSpace Replication Task Suite to back up your content to DuraCloud and back into DSpace if needed.



- Fully hosted combination of DuraCloud and Archivemata.

- Standards-based (OAIS) open-source application for creating digital preservation content packages.



DSpace



- Repository for all file types, especially datasets, that makes research citable, shareable and discoverable.
- With figshare for institutions, data can be pushed into your DSpace instance for increased deposits.

Deposit of Data

Deposit of Data
Stored your DSpace instance or a related server



- Acts as a file transfer delivery mechanism to bridge the gap between data and end users.
- Transfer large datasets from DSpace or other institutional servers.

Delivery to end user

- Many multi-disciplinary repositories and indexes exist that allow for harvesting of data via various publishing protocols either from or to your DSpace instance.
- Examples of these repositories include DataONE, Dryad, Data Citation Index, and Dataverse.

Data Storage and Delivery

There is a trend toward making data more accessible and open, partially prompted by federal funding mandates. Services can help with the storage and delivery of data and facilitate interaction with DSpace.



- Provides registry of unique author identifiers and a transparent method for linking DSpace items and reporting systems.
- Can leverage ORCID API to harvest content.



- Open source semantic web application populated with research activities, interests and accomplishments.
- Link DSpace items and VIVO profiles via API with custom development.



- System used by research institutions to collect, understand and showcase scholarly activities.
- Integrates with DSpace using custom built connectors.

External Data Sources
HR systems (Banner, Oracle, etc.) and databases



- Web-based faculty reporting solution that allows for evaluation of faculty performance.
- Connection with DSpace via API with custom development.

Faculty and Institutional Reporting

Data management systems and a centralized database of all faculty activities can improve visibility and impact of research and facilitate collaboration. Leveraging these systems can increase and streamline deposit into DSpace.