

Preserving Data Across the Research Lifecycle

Integrating Rosetta with Figshare.

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Research Data

So what is it?

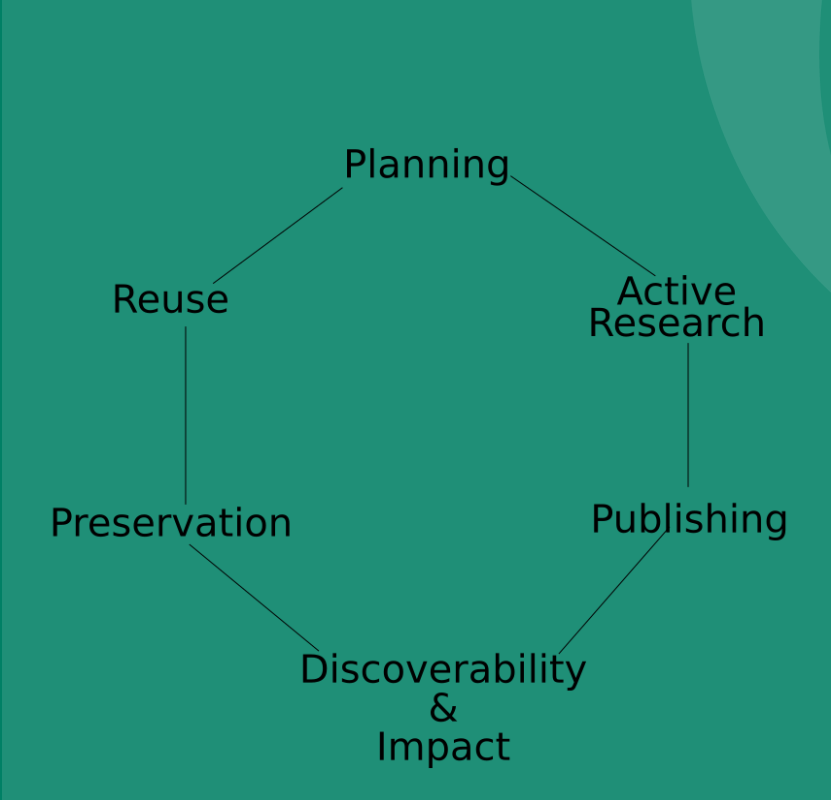
The evidence gathered by the researcher to support their findings.

For the researcher to define.

citable (it has a DOI).

Requirement of funders to make it available.

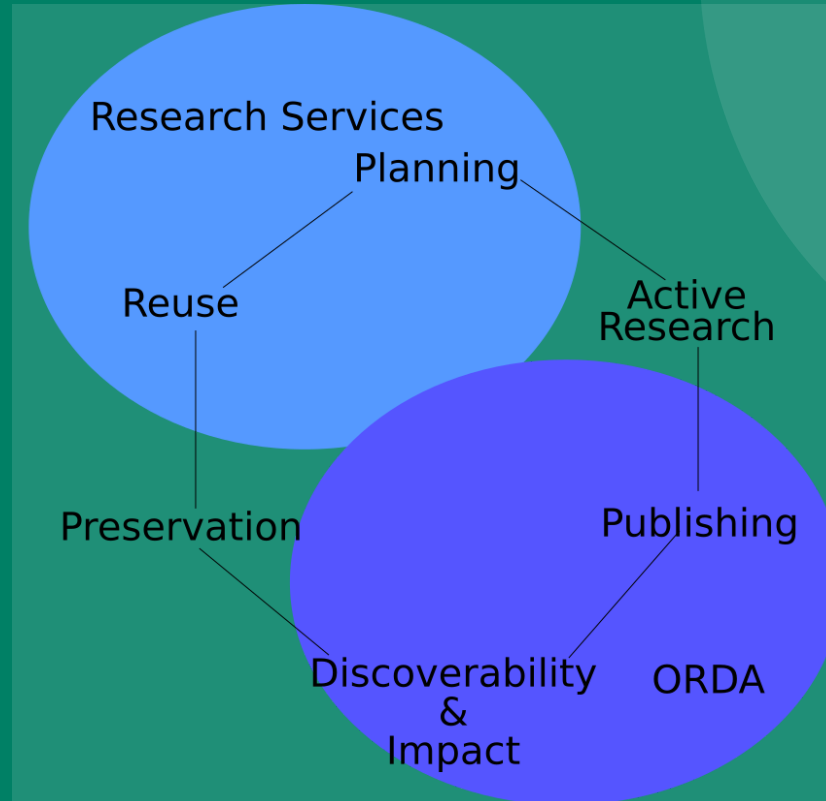
Research Lifecycle



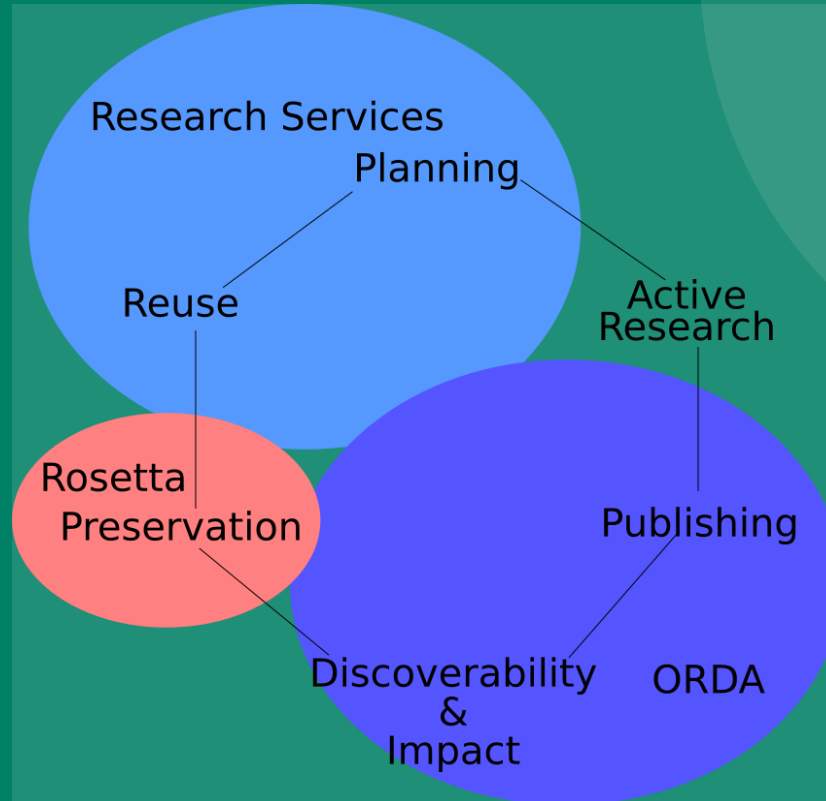
Research Lifecycle



Research Lifecycle



Research Lifecycle





ORDA live



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Institutes

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Filter: All types ▾ Sort: Date published ↓

United States Commutes and Megaregions of the United States



United States Commutes and Megaregions data for GIS

Fileset by Alasdair Rae et al on 31/01/2017 10:01:35

👁 44854 📄 6545 📊 📈

Research Data

So what does it look like?



2017_06_13.whl

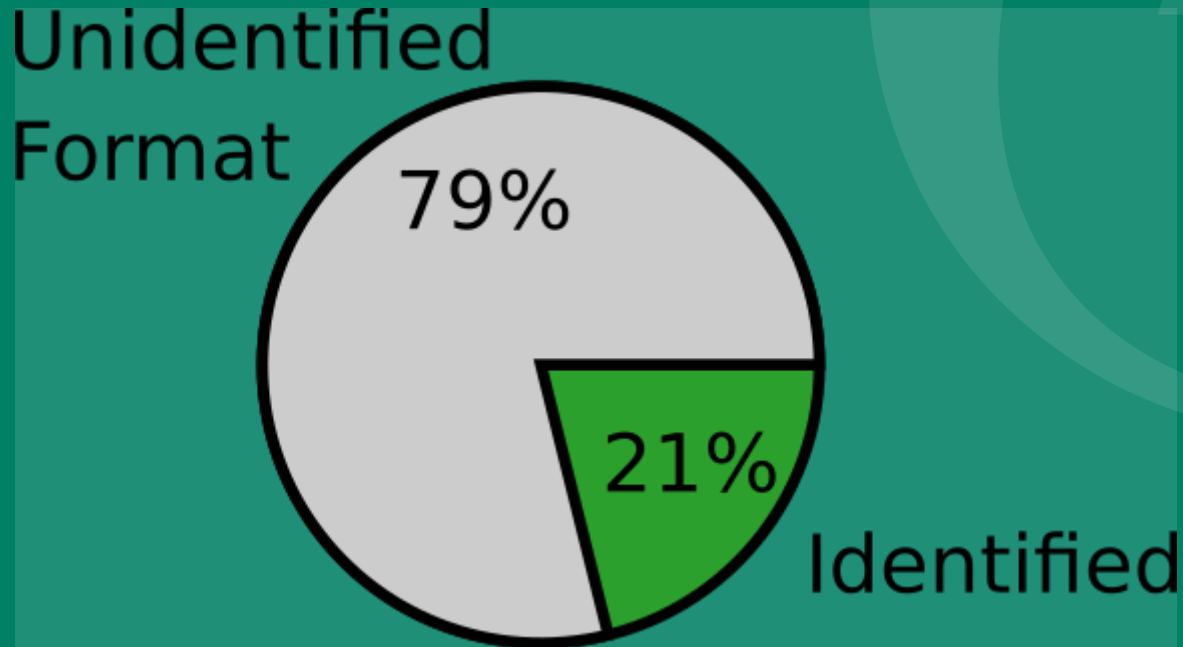


white_hole_model.dat



rel_time_dilation.zip

Research Data in Rosetta



Initial tests

The Dream

- Ingest all Sheffield records from ORDA.

Todo:

The Dream

- Ingest all Sheffield records from ORDA.
- Ingest all DOI versions.

Todo:

The Dream

- Ingest all Sheffield records from ORDA.
- Ingest ~~all~~ latest DOI versions.
- Utilise existing OAI-PMH functionality.

Todo:

The Dream:

- Ingest ~~all~~ **public records datasets** from ORDA
- Ingest latest DOI versions.
- Utilise ~~existing~~ OAI-PMH functionality.
- Use Rosetta's **HTTPS transport to collect files**

Todo:

- XSL to filter null datasets.
- Include required information in OAI

The Dream:

- Ingest public datasets from ORDA
- Ingest latest DOI versions.
- Utilise OAI-PMH functionality.
- Use Rosettas HTTPS transport to collect files
- Display notification flag on ORDA

Todo:

- XSL to filter null datasets.
- Include required information in OAI
- Make api endpoint for flag on ORDA
- Make a flag on ORDA ui



University of Exeter
Research Data Library

ORDA



ORDA

ORDA

/v2/oai?metadataPrefix=mets

Rosetta



ORDA

ORDA

ORDA

/v2/oai?metadataPrefix=mets

Rosetta

mets
FigshareID
Versioned DOI
File URI

XSLT

Rosetta mets
FigshareID
Versioned DOI
File URI

Rosetta

Metadata Only
Embargoed

ORDA

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/v2/oai?metadataPrefix=mets

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Rosetta mets
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File URI

Metadata Only
Embargoed

Rosetta

Rosetta

Rosetta

Collection of Files

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/v2/oai?metadataPrefix=mets

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Metadata Only
Embargoed

Rosetta

Rosetta

Rosetta

Rosetta

Collection of Files

API ENDPOINT

ORDA

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/v2/oai?metadataPrefix=mets

mets
FigshareID
Versioned DOI
File URI

XSLT

Rosetta mets
FigshareID
Versioned DOI
File URI

Metadata Only
Embargoed

Rosetta

Rosetta

Rosetta

Rosetta

Rosetta

Collection of Files

API ENDPOINT

✓ Preserved

Preservation
Actions

Today

- Testing Figshare Implmentation
- Figshare API callbacks planned in v5.4
- ORDA launch - 29th June
- Launch Integration at sheffield

Tomorrow

- Ingest of Embargoed Content
- Format Identification and Guidance



Questions?

END

