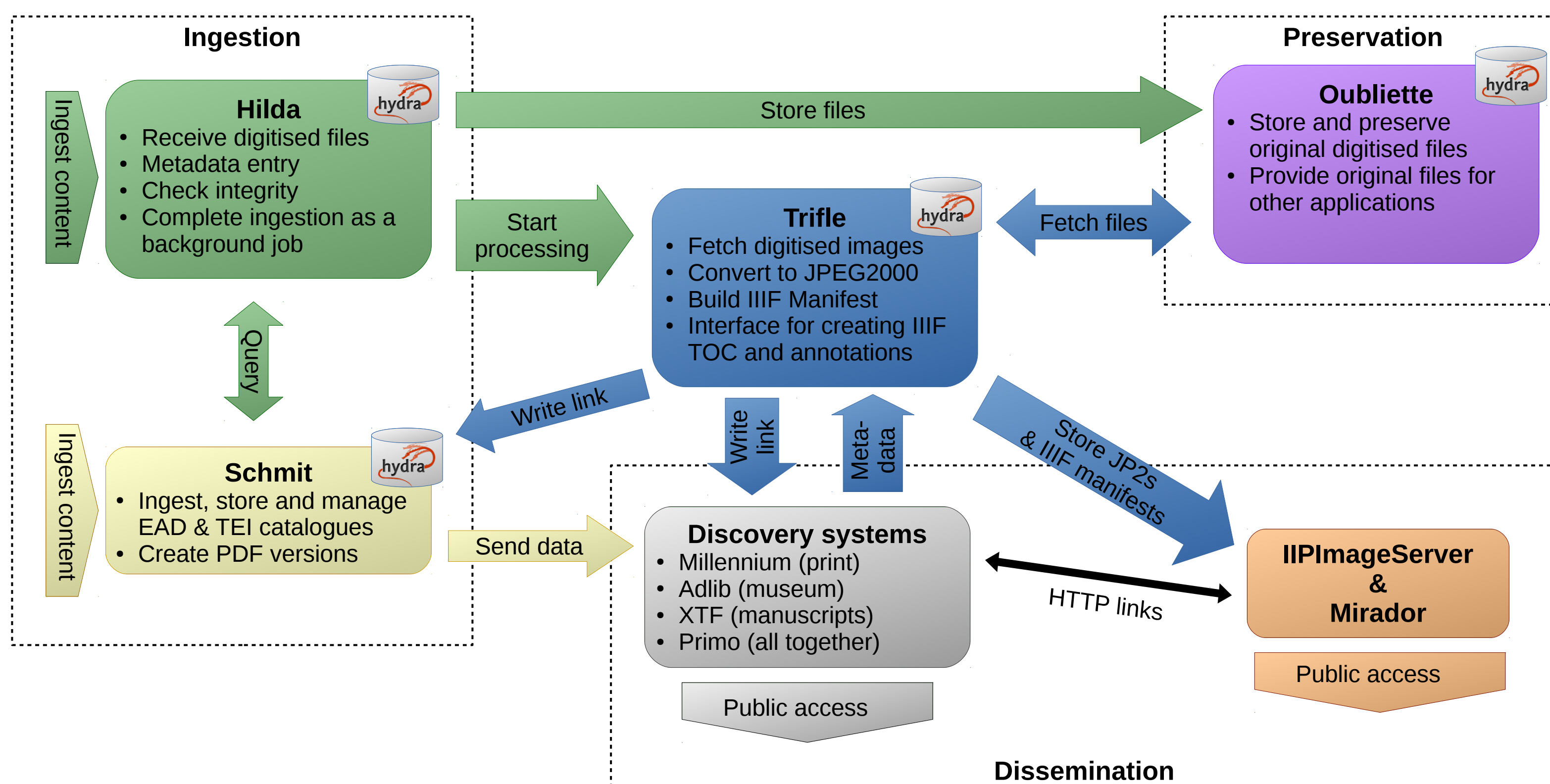
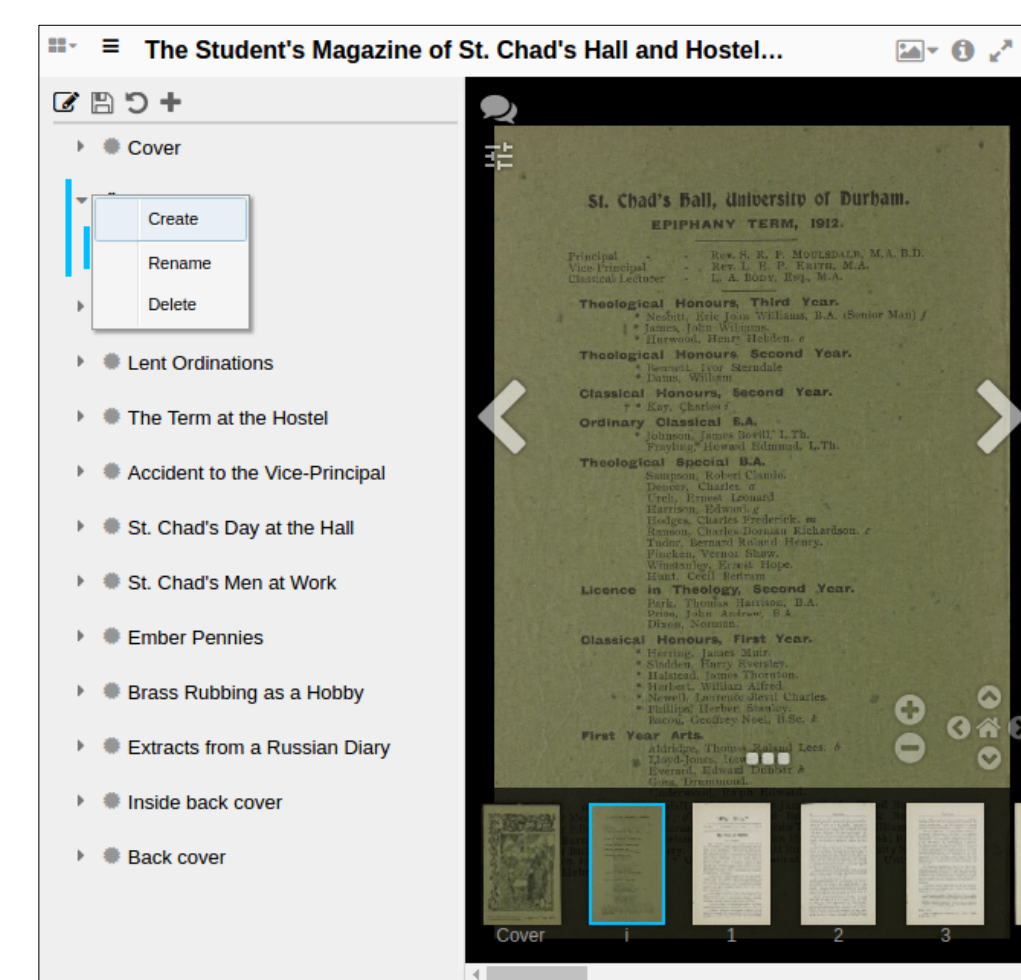


Durham Priory Project - Digitisation data and workflow using Hydra to join up the processes



- Separate Hydra heads to
 - Ingest digitised content (**Hilda**)
 - Ingest XML descriptive metadata (**Schmit**)
 - Create IIIF content (**Trifle**)
 - Manage storage and preservation (**Oubliette**)
- PCDM/Hydra-works data modelling
- Interaction with existing catalogue/discovery systems
- Automatic ARK identifier generation and name-to-thing resolver
- Editable IIIF table of contents component in Mirador with drag-and-drop (see image)



Durham Research Online – Research Outputs Institutional Repository

Our Goal: Combine Legacy OA Repositories In One Hydra Infrastructure

- Dedicated deposit routes: research papers, dissertations and data
- Search and display related linked research outputs
- Compliance with Research Council UK OA and Data Policies
- PCDM/Hydra-works data modelling
- Migrate and preserve URL access to 25k full-text papers and dissertations (2 x EPrints 3.1)
- Migrate research data (Sufia 6/DataCite model)

Initial use case: Research Data Repository

- Simple self deposit utility for collections of files based on Sufia 6
- Predictable DOIs ready to acknowledge data before data release, for example doi:10.15128/r1dn39x1523
- Simple “open data” approval process to encourage discussion with data manager
- Metadata auto-completion support (FAST, FundRef, GeoNames)
- Seamless integration with DataCite with good quality metadata (see image and look up above DOI)

DOI for Data from "EIA in a non-degenerate three-level ladder system" (44558d331)

This resource has no DOI.

You can generate a new DOI for this resource. The generated DOI would be:

- doi:10.4124/44558d331

You cannot reverse the publishing of a DOI. Once published, the existence of the resource will become public knowledge permanently.

When a DOI is published, some key information about the resource is locked and cannot be modified any longer. Carefully check this key information below and make sure it is correct. If there are any errors, go back and correct the information before continuing with publishing a DOI.

Title
Data from "EIA in a non-degenerate three-level ladder system"

Contributors
Creator: Whiting, D. J. (Durham University)
Creator: Bimband, E. (Durham University)
Creator: Keaveney, J. (Durham University)
Creator: Zentile, M. A. (Durham University)
Creator: Adams, C. S. (Durham University)
Creator: Hughes, I. G. (Durham University)
Contact person: Keaveney, J. (Durham University)

Publishing the DOI may take a while and the document page will say that the DOI has not yet been published until the whole process is complete. Usually this only takes a minute or two but in some cases can take longer. You will get a notification when the publishing process is complete. If you haven't gotten one within 24 hours, you should try generating the DOI again or contacting support.

☒ I have read the above warning and checked that the information is correct.

[Back](#) | [Edit collection](#)



Collections landing page: /files/PID
+
Metadata
=
doi:10.15128/PID

| | |
|--|---|
| doi:10.15128/kk91fk98z | |
| This page represents DataCite's metadata for doi:10.15128/kk91fk98z. | |
| For a landing page of this dataset please follow http://dx.doi.org/10.15128/kk91fk98z | |
| Citation | Whiting, D. J.; Bimband, E.; Keaveney, J.; Zentile, M. A.; Adams, C. S.; Hughes, I. G.; (2015): Data from Durham University. http://dx.doi.org/10.15128/kk91fk98z RIS BibTeX |
| Descriptions | |
| Abstract | Abstract from article: We investigate, theoretically and experimentally, the transmission of light through the presence of 2 counter-propagating control fields. A simple theoretical model predicts the presence of a pure three-level system when the control field is resonant. Experimentally, we use Rb-87 in a large magnetic field and realise a non-degenerate three-level system. Experimental observations verify the presence of a pure three-level system. Raw data in csv format for the data presented in figure 3 of the paper |
| Other | |
| Resource type | Dataset |
| Subjects | Atomic Physics Spectroscopy Rubidium csv |
| Rights | Creative Commons Attribution 4.0 International (CC BY 4.0) |
| Related identifiers | |
| IsCitedBy | uri: http://arxiv.org/abs/1505.03699 |
| Contributors | |
| RightsHolder | Durham University |
| HostingInstitution | Durham University |
| ContactPerson | Keaveney, J. |