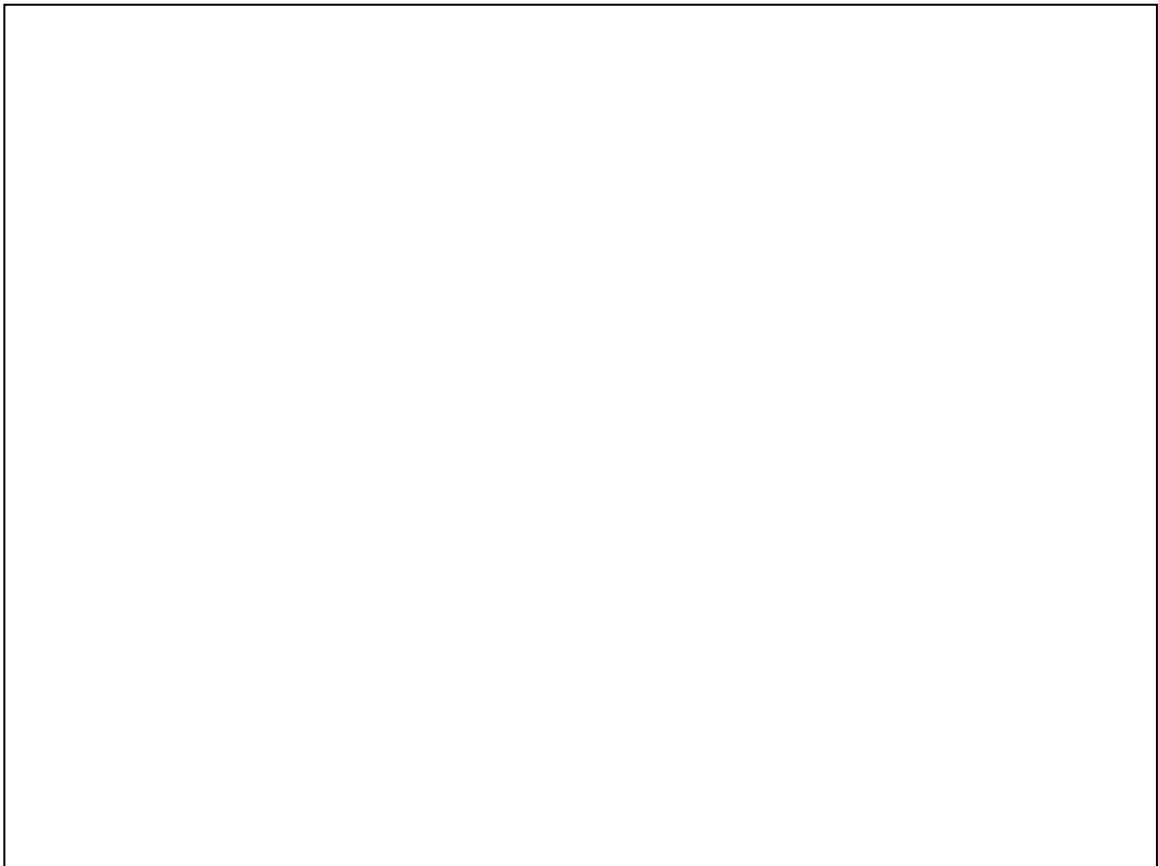




Identify My Data

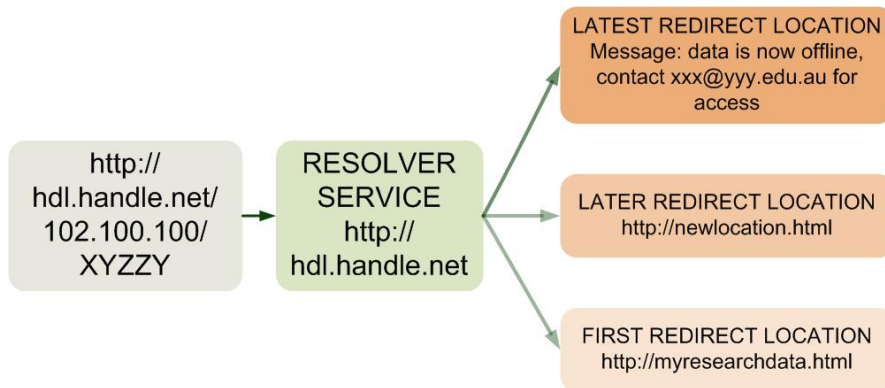
Nick Nicholas, nick.nicholas@ands.org.au



Persistent identifiers (PIDs)

- What are they?
- the Handle system
- ANDS Persistent Identifier Web Service
- ANDS Self Service Identifiers
- DOIs and DataCite

Retrieval using persistent identifier



ANDS Services for identifying data

- ANDS Persistent Identifier Service —web service for machine to machine transactions
- ANDS Self Service Identifiers — manual online service for individuals
- Same underlying system
- Different interface & scalability

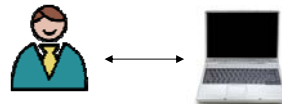
ANDS Persistent Identifier Web Service

- Web service for integration with other software (machine to machine)
- Enables minting, updating and resolving of persistent identifiers
- In bulk, by trusted software



ANDS Self Service Identifiers

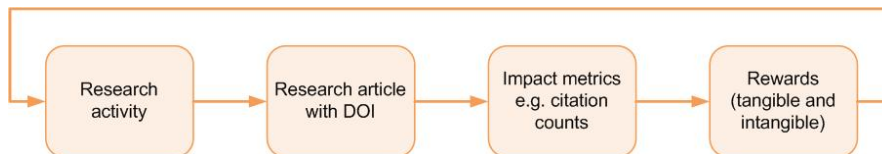
- Online service for members of the AAF
- GUI front end to the ANDS Persistent Identifier Web Service
- Allows minting and updating of PIDs, one at a time, by hand



Digital Object Identifier for publications

- A DOI is a kind of Handle
- Rich metadata profiled for journal articles
- Managed by publisher consortium
- Consortium takes over DOIs from defunct members
- Available for fee
- Used heavily for citation tracking (e.g. Scopus, ISI Web Of Knowledge)

Rewards: what we have...

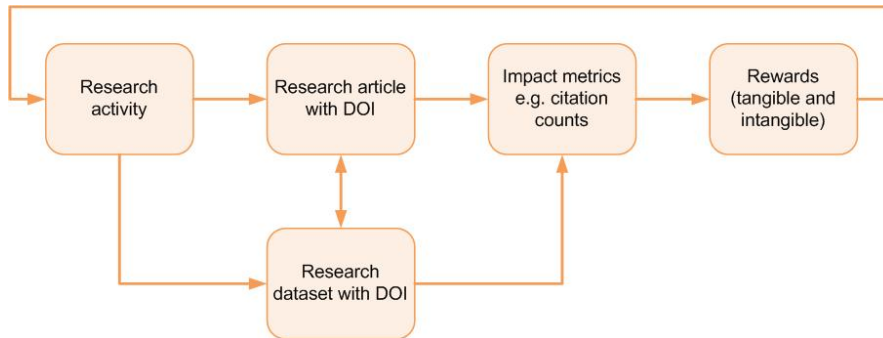


- Sagarin, B. J., & Lawler-Sagarin, K. A. (2005). Critically evaluating competing theories: An exercise based on the Kitty Genovese murder. *Teaching of Psychology*, 32(3), 167–169. doi:10.1207/s15328023top3203_8

Digital Object Identifiers for datasets

- DataCite Consortium advocates DOIs for datasets
- Datasets identified just like publications
- Can do dataset citation tracking
- Can do dataset citation metrics (\$\$\$)
- ANDS will issue DOIs for published datasets as member of DataCite Consortium, for free

Rewards: what we need...



ANDS and Dataset citation

- ANDS will issue DOIs for published datasets as member of DataCite Consortium, for free
- Discussions with Elsevier & Thomson–Reuters about collecting data citation metrics
- Discussions with the Australian Research Council on recognising data publication as a research output



Links

- ANDS PID Guides (background, theory, guidance)
<http://ands.org.au/guides/index.html>
- Identify My Data service:
<http://ands.org.au/guides/identify-my-data-awareness.html>
- DOIs and DataCite:
<http://ands.org.au/guides/doi.html>