



Data Archiving and Networked Services

DOI @ DANS

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Two identifiers / Two domains

- sustainability: URN:NBN
- citation: Datacite DOI





Sustainability: URN:NBN

- Long-term preservation of datasets
- Solution for link rot
- Responsibility of maintenance @ self & minimal dependency
- embedded in Dutch infrastructure



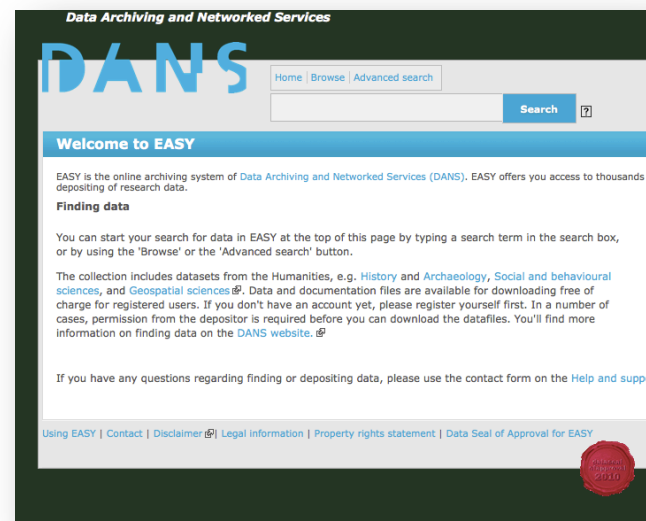
Citation: Datacite DOI

- long time use and acceptance in scholarly publication process
- DataCite (2009):
 - ✧ DOI also available for citation of research data
 - ✧ many data organisations joined DataCite
 - ✧ change in cost model
- separation of PID for citation and PID for preservation/administrative use



Implementation @ DANS

- similar for URN:NBN and DOI
- assigned to each dataset
- workflow
 - ✧ pre-assigned when dataset is ingested
 - ✧ registration when published
 - URN:NBN + URL → nat. resolver
 - DOI + metadata → DataCite





Challenges?

- granularity
dataset → files / objects
- 'transfer' of existing identifiers
internal and external
- communication (!)