Dermot Frost (on behalf of Sandra Collins and Brid Dooley)
Digital Repository of Ireland
Trinity College Dublin
Mission

DRI is a trusted digital repository for Humanities and Social Sciences Data
- linking and preserving the rich data held by Irish institutions, with a central internet access point
- Our Cultural & Social Heritage
Digital Repository of Ireland
Taisclann Dhigiteach na hÉireann

App
App
App
Linked

DRI Platform

Access
Preservation
Discovery

Federated Archives, Storage

Logainm
OAIS model
Open source components
Custom code to join them together
Preservation strategy

Multi-site repository
  Dublin and Maynooth (~25km separation)

Asynchronous replication
  Ability to catch errors on the fly

Segregated storage
  Master copies with surrogates for public access
User Access

Primarily through the blacklight search interface

Other routes

- Curated collections and virtual galleries
- Georeferenced data – mapping
- Temporal data – timelines
- User defined collections
- DOI references in papers
Insight Centre

• National Centre for Linked Data and Analytics
• €74M and over 200 researchers across 8 institutions
• DRI and RTE joint project to provide
  – Linked data discovery platform
  – Multiple RTE archives and media formats
  – Preservation, discovery and access
Insight Centre

[Diagram showing relationships between search, browse, recommended, external standards and practices, RDF triple store, external data, expose data on the Web, future RTE ontologies, audio, moving image, stills, and documents.]
• http://www.dri.ie

• http://projectblacklight.org/
• http://projecthydra.org/
• http://www.fedora-commons.org/
• http://opennebula.org/
• http://lucene.apache.org/solr/
• http://www.ceph.com/
• http://tools.ietf.org/html/draft-kunze-bagit