Supporting multiple metadata standards within the Digital Repository of Ireland

By supporting multiple metadata standards within the repository DRI aims to:

• Support multiple communities of practice, for example GLAMS as well as academic researchers
• Encourage ingest of diverse collections from the humanities and social sciences
• Aid discoverability within the repository

The Challenges

Supporting multiple metadata standards presented project wide challenges including:

• Producing consistent guidelines across different standards, for example the use of recommended content standards or controlled vocabularies
• Creating a unified data model
• Providing standard-agnostic ingest
• Offering a consistent browsing experience through the UI between standards

Metadata

A mapping between the chosen standards was developed.

• A number of mandatory and recommended fields were identified from this mapping
• Guidelines for these fields are in development for each standard
• These aim to make collections more easily searchable

Data model

Attributes in the DRI Data Model are based on the mandatory and recommended fields.

• The data model supports both hierarchical as well as flat standards
• It handles one-to-one mappings with the model attributes as well as one-to-many mappings