

Registries

Technical and format registries

- Global Digital Format Registry** (<http://www.gdfr.info/>)
Distributed and replicated registry of format information
- GRIMOIRES (Grid Registry with Metadata Oriented Interface: Robustness, Efficiency, Security)** (<http://wiki.grimoires.org/bin/view/Grimoires/>)
Sponsored by the Open Middleware Infrastructure Institute UK
Registry for descriptions and workflows for complex scientific experiments
UDDI-based
- HILT (High-Level Thesaurus) Project** (<http://hilt.cdfr.strath.ac.uk/>)
JISC-funded project at the Centre for Digital Library Research, Strathclyde University, now in Phase IV.
Terminology registry service
- PRONOM** (<http://www.nationalarchives.gov.uk/pronom/>)
Technical registry of the UK's National Archives
- Scottish Enterprise Standards Registry** (<http://schemas.scottish-enterprise.com/Home.aspx>)
Includes a metadata registry amongst many others

Services registries

- IESR (Information Environment Services Registry) [UK]** (<http://iesr.ac.uk/>)
JISC-funded initiative. Partners MIMAS and UKOLN
Provides machine access via several standard protocols (Web, Z39.50, SRU/W, OAI-PMH and OpenURL)
- OCKHAM Digital Library Service Registry** (<http://www.ockham.org/registry.php>)
NSF-funded initiative resulting from Digital Library Federation-sponsored meetings of libraries and other interested organisations.
Aim is to improve the deployability of the National Science Digital Library (NSDL) in traditional libraries

Collections registries

- DLF Digital Collections Registry** (<http://dlf.grainger.uiuc.edu/DLFCollectionsRegistry/browse/>)
Developed by the DLF and a consortium of libraries and related agencies to provide a gateway to their digital collections
- ORCA (Online Research Collections Australia) Registry** (<http://www.apsr.edu.au/orca/index.htm>)
Pilot service established by APSR (Australian Partnership for Sustainable Repositories)
Harvests collection-level metadata from Australian digital collections (institutional repositories and data storage facilities)
Part of APSR's own COSI (Collections and Services Interface) web application framework
Supports REST-type service calls and messaging (i.e. not WS-I standards and protocols)
ORCA registry instances can be configured for local, international or global network typologies and have REST service interfaces for metadata harvesting and provision
First implementation of ISO 2146 (Registry Services for Libraries and Related Organizations) standard (compatible with Dublin Core Collections Application Profile)
Compatible with other registry metadata (JISC's Information Environment Services Registry and NSF's Ockham Digital Library Service Registry)
Also aligns with CRIS (i.e. has CERIF compatibility)

Registry technologies and standards work

- Global Registries Initiative** (<http://globalregistries.org/>)
Formed in 2008
Proposes the technical and organisational frameworks that will enable registries to interoperate to form a global federation
- Libraries/archives: ISO 2146**
- Research/Grid-HPC: WS-I (UDDI) (Web Services - Interoperability (Universal Description, Discovery and Integration) and OGSA (Open Grid Services Architecture))**
- Business: ebXML and Registry v3.0**
- SKOS (Simple Knowledge Organization System)** (<http://www.w3.org/2004/02/skos/>)
Developed and maintained by the W3C Semantic Web Deployment Working Group (SWD WG). Developing specifications and standards to support the use of Knowledge Organization Systems (KOS) such as thesauri, classification schemes, subject heading systems and taxonomies within the framework of the semantic web

Metadata registries

- DART Metadata Schema Registry** (<http://www.itee.uq.edu.au/~eresearch/projects/dart/outcomes/metadataschemareg.php>)
Metadata schema registry for scientific applications and domains
DART Project, Australia (Dataset Acquisition, Accessibility and Annotations e-Research Technologies)
- Dublin Core Metadata Registry** (<http://dcmi.kc.tsukuba.ac.jp/dcregistry/>)
Promotes the discovery and reuse of properties, classes and other types of metadata terms
- European Library Metadata Registry** (<http://www.theeuropeanlibrary.org/handbook/mdregistry.php>)
Central information point about metadata
- Information Environment Metadata Schema Registry** (<http://www.ukoln.ac.uk/projects/iesmr/>)
A JISC Shared Services Programme pilot project. The primary source for information about metadata schemas recommended by the JISC Information Environment Standards framework. The IESMR will provide the JISC IE with a single point of referral regarding the two key metadata standards of the JISC IE - the Dublin Core Metadata Element Set and the IEEE Learning Object Metadata standard
- National Knowledge Service Metadata Registry (UK's National Health Service)** (<http://schemas.library.nhs.uk/>)
Promotes the discovery and reuse of metadata and vocabulary definitions used in the National Knowledge Service and the National Library of Health
- NSDL Metadata Registry** (<http://metadatatagistry.org/about.html>)
Centre for Digital Library Research, University of Strathclyde
NSF-funded to provide essential services to the National Science Digital Library Core Infrastructure and associated projects
Uses Dublin Core Metadata Initiative Registry Application as its development base