

The Dublin Core Collection Description Application Profile (DC CD AP)

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Application Profiles Tutorial, DC-2004,
Shanghai, China, Wednesday 13 October 2004



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Context

- Growing interest in use of collection-level metadata to support resource discovery
- Functional model in which searcher
 - "Enters" information landscape
 - Set of collections
 - "Surveys" landscape
 - Modifies landscape by adding/removing collections
 - "Discovers" items of interest within collections
 - ...



Context

- Research Support Libraries Programme (UK, 1999-2002)
 - improve disclosure/discovery of library/archive collections
- RSLP CD Model & Schema
 - Entity-Relation model (Michael Heaney, Univ of Oxford)
 - Metadata schema (Andy Powell, UKOLN)
 - DC-based
 - Represents simplification/subset of data model
 - Significant influence on other initiatives (TEL, IMLS, JISC IESR, others)
 - Status, ownership, persistence concerns?
- DC Collection Description WG, 2001? -



Functional Requirements for DC CD AP

- A "core" set of collection description properties
 - For simple collection-level descriptions
 - Suitable for a broad range of collections
- Allow a user to
 - **Discover** collections of potential interest
 - **Identify** a collection
 - **Select** one or more collections from amongst a number of discovered collections
 - **Identify** the location of the collection
 - **Identify** the services that provide access to the collection

<http://dublincore.org/groups/collections/>



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Approach

1. Specify relevant **attributes** of collection and **relationships** between collection & other resources
2. Select or define **properties** to represent those attributes and relationships
3. Describe how those properties are **used**



Progress, Issues, Plans

- Attributes and relationships
 - Collection properties of RSLP CD Schema as starting point
 - Identification of collection
 - Content of items in collection
 - Form of items in collection
 - Process by which items gathered into collection
 - Ownership of collection
 - Rights of access to/use of collection
 - Location of collection
 - Services that provide access to collection
 - Relationships between collections
 - Issues
 - Need to clarify nature of Collection-Service, Collection-Location relationships
 - NISO Metasearch Initiative evaluating use of DC CD AP, may require more specificity



Progress, Issues, Plans

- Selection of properties
 - From DCMI vocabularies, MARC relator vocabulary
 - New properties
 - Some proposals to DCMI Usage Board
 - Issues
 - 1-to-1 rule: attributes of items v attributes of collection
 - Other naming authority required for some properties?
- Use of properties
 - Recommended encoding schemes
 - DC CD AP documented using CEN CWA guidelines
 - Issues
 - Some questions re obligation/cardinality
 - Identifier scheme?



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