

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

Pete Johnston, UKOLN, University of Bath  
Chair, DC Collection Description Working Group

Application Profiles Tutorial, DC-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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