Metadata Practice for the Digital Library

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Metadata Types

- **Person**
- **Object**
- **Time**
- **Space**

Arrows indicate relationships between the types:
- Person → Event → Object → Event → Time → Event → Space → Event
Metadata Framework

XML

DC, FGDC, CDWA, CIMI, TEI, EAD, MARC, etc.

RDF

input editor

mapping

linkage

exchanging & interchanging

indexing

display
Metadata Environment

Sinica Metadata Environment

RDF

Z39.50

DC

TEI

CIM, etc.

XML

Watermark, etc.
Metadata Layers and Linkages Object

- Work
  - Expression & Media
    - Item & Right-Management
  - Expression & Media
    - Item & Right-Management

- Work
  - Expression & Media
    - Item & Right-Management
  - Expression & Media
    - Item & Right-Management
Metadata Record Structure

CORE

INDIVIDUAL

CDWA, CIMI, DC, EAD, FGDC, NGDF, TEI etc.
Metadata Element
Group/Level

Appearance
Data Description
- Date, Identifier, Language, Format, Type, Right-Management

Content
Data Annotation
- Coverage, Description, Title, Author, Other Author, Subject/Keyword

Knowledge
Knowledge Organization
- Coverage, Description, Author, Other Author, Subject, Relation, Source
Next Step

- Develop Spatial, Time and Event Metadata
- Inclusion of GIS Application
- Integration with the XML and Z39.50
- Completion of linking relationship for the person, object, time, space and event.