A CONCEPTUAL MODEL FOR IDENTIFICATION, EVIDENCE AND DESCRIPTION OF WRITTEN HERITAGE COLLECTIONS

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Standpoints, issues …

- recorded culture
  - written culture
    - handwritten (manuscript)/printed culture
      - handwritten (manuscript)/printed heritage
      - heritage collections

- a concept of collection level description
  - *An analytical model of collections and their catalogues*

- a concept of total care for heritage
Theory of heritage: a concept of total care for heritage

- basic questions:
  - What should be preserved?
  - How to preserve?
  - For whom to preserve?
Management and communication of heritage

- complex processes:
  - identification and evidence
  - collection development
  - bibliographic control
  - legal protection
  - physical protection
Management and communication of heritage: state and problems

- Management structure
  - legislative
  - heritage institutions: national, regional, local
  - privat owners/holders

- Urgent problems
  - Lack of adequate bibliographic control
  - Unappropriate identification nad registration
  - Legal and physical preservation
Collection level description …

**basic terms**

- *collection level description*
  - functional granularity
  - information environment
    - information landscape
      - static information landscape
      - dynamic information landscape
  - common information environment

- *collection description*
Collection level description …

basic terms … functional granularity

Summer School in the Study of Historical Manuscripts, University of Zadar 2011
Collection level description … models

- Conspectus
  - from 1980-

- An analytical model of collections and their catalogues /
  Michael Heaney, 2000
  - purpose: access, collection management
    - information landscape
      - user tasks: find, identification, select, obtain (FRBR)
  - entity-relationship methodology: 2 models
An analytical model of collections … [collection level description]
... and their catalogues [collection description]
An analytical model of collections and their catalogues [Unitary Finding Aid]
Collection level description …

schema/profiles

- RSLP Collection Description Schema
- Dublin Core Collection Application Profile (DC CAP)
- SCONE Database Schema
Development of a model for description of heritage collections

- Entity-relationship methodology
  - An analytical model …
  - FRBR
  - FRAD
    - Entities: collection, catalogue, place; agency, rules
    - Relationships: 4 categories
    - User tasks: find, identify, select, obtain
Model for description of heritage collections

... basic model
Model for description of heritage collections

... full model
Model for description of heritage collections … entities

- content
- item
- collection
- catalogue
- place
- agency
- rules
- person
- family
- corporative body

- definitions: according to *An analytical model* ..., PPIAK, FRBR, FRAD
Model for description of heritage collections

... relationships (1)

- collection-catalogue-place-agency-rules
## Model for description of heritage collections ... relationships (2)

<table>
<thead>
<tr>
<th>Type of entity: object</th>
<th>Relationship</th>
<th>Type of entity: agent</th>
</tr>
</thead>
<tbody>
<tr>
<td>content</td>
<td>creation</td>
<td>person, family, corporative body</td>
</tr>
<tr>
<td>item</td>
<td>production</td>
<td>person, family, corporative body</td>
</tr>
<tr>
<td>collection</td>
<td>collecting</td>
<td>person, family, corporative body</td>
</tr>
<tr>
<td></td>
<td>holding</td>
<td>person, family, corporative body</td>
</tr>
</tbody>
</table>

- **object-agent**
Model for description of heritage collections … relationships (3)

<table>
<thead>
<tr>
<th>Type of entity</th>
<th>Relationship</th>
</tr>
</thead>
<tbody>
<tr>
<td>content-item</td>
<td>whole-part</td>
</tr>
<tr>
<td>item-collection</td>
<td>part-whole</td>
</tr>
<tr>
<td>content-collection</td>
<td>part-whole</td>
</tr>
<tr>
<td>content-content (part)</td>
<td>whole-part</td>
</tr>
<tr>
<td>item-item (part)</td>
<td>whole-part</td>
</tr>
<tr>
<td>collection-collection</td>
<td>whole-whole</td>
</tr>
</tbody>
</table>

**object-object**
Model for description of heritage collections ... relationships (4)

<table>
<thead>
<tr>
<th>Type of entity</th>
<th>Relationship</th>
</tr>
</thead>
<tbody>
<tr>
<td>person-person</td>
<td>transfer of author rights</td>
</tr>
<tr>
<td>family-family</td>
<td>retaining of ownership rights</td>
</tr>
<tr>
<td>corporative body-corporative body</td>
<td>inheriting author rights</td>
</tr>
<tr>
<td>person-family</td>
<td>inheriting ownership rights</td>
</tr>
<tr>
<td>person-corporative body</td>
<td>sale, gift</td>
</tr>
<tr>
<td>family-corporative body</td>
<td>power of attorney</td>
</tr>
</tbody>
</table>

agent-agent
Model for description of heritage collections … *user tasks*

<table>
<thead>
<tr>
<th>Entity</th>
<th>User tasks</th>
<th>Attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLLECTION</td>
<td>find, identify, select</td>
<td>metadata about collection</td>
</tr>
<tr>
<td>CATALOGUE</td>
<td>find, identify, Select</td>
<td>metadata about item</td>
</tr>
<tr>
<td>PLACE</td>
<td>obtain</td>
<td>metadata about place and access conditions to item</td>
</tr>
</tbody>
</table>

- find, identify, select, obtain
Conclusions (1)

- the described model first of all brings a new approach to organisation of information on written heritage in traditional and electronic environments

- its application will confirm the following hypotheses:
  - application of description at the collection level is the optimal way to make data about collections and their content available to users, and improve management;
  - introduction of description at the collection level can to a great degree overcome the problems of lack of description of inadequate description of resources, as well lack of its presence in the web environment in Croatian collections of old books caused by the lack of financial resources, staff and equipment;
Conclusions (2)

- identification of collections and their affirmation through mutual information systems (at national and international levels) can take forward their protection and preservation in all segments and especially through different cooperative programmes (physical protection, union catalogues, portals etc.) and accordingly improve access.