Caring for Czech Film Heritage. For over eighty years.
Metadata specification
for NFA’s new cataloguing system
(core considerations)

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FILMODEL

- FILMODEL = a new NFA´s cataloguing system (in development)

- Entities:
  - Universal (access points): Authorities (incl. Agents), Events
  - Moving Image Works, Oral History Recordings, Photographs, Posters

- New metadata specification based on the state-of-art standards:
  - EN 15907 / FIAF Cataloguing Manual (2016)
  - FRBR
  - ISAAR (International Standard Archival Authority Record for Corporate Bodies, Persons and Families)

- Metadata exports to XML
FILMODEL - MODULES

- Architecture → 7 modules communicating via API
- Metadata modules:
  - Authorities
  - Events
  - Moving Image Works
  - Posters
  - Photographs
  - Oral History Records
- Cataloguing Module
- Search Module
FILMODEL - DEVELOPMENT WORKFLOW

1. new metadata specification for given Entity
2. metadata module
3. migration from legacy systems
4. Search module
   → comments → metadata (1) → DB (2) → migration (3) refinements
1. final version of metadata module
2. Cataloguing module
3. XML schema for given Entity
### POSTERS MODULE

<table>
<thead>
<tr>
<th>WORK</th>
<th>poster creators</th>
</tr>
</thead>
<tbody>
<tr>
<td>HasAsSubject</td>
<td>Moving Image Work, Event, Agent (Authorities)</td>
</tr>
<tr>
<td>MANIFESTATION</td>
<td>publication type (original edition), publisher (Ústřední půjčovna filmů Praha, 1968), printing house, technology (offset)</td>
</tr>
<tr>
<td>MANIFESTATION Part</td>
<td>layout (vertical), poster size (85 x 53 cm), chromatism, content description, subject terms (actors), languages (text on poster)</td>
</tr>
<tr>
<td>ITEM</td>
<td>storage location designation, accession number, Item Status (archival record / replica); 6 Items: 2 originals, 4 replicas</td>
</tr>
<tr>
<td>ITEM Part</td>
<td>Item Condition (chemical, biological, mechanical deterioration)</td>
</tr>
</tbody>
</table>
POSTERS MODULE

- Boundaries between MANIFESTATIONs (similar to ISBN):
  - format: different size (physical poster), e-born (digital poster)
  - edition: original edition, reprint
  - different content (→ also different WORK)
## ORAL HISTORY MODULE

<table>
<thead>
<tr>
<th><strong>WORK</strong> (series of interviews)</th>
<th>cca 5 general subject terms (thematics); consent agreement, content type (A, AV)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WORK PART</strong> (interview)</td>
<td>detailed subject terms (film culture glossary), agents (narrators, interviewers), recording session (date, place), content descriptions, languages</td>
</tr>
<tr>
<td><strong>EXPRESSION / VARIANT</strong></td>
<td>n/a</td>
</tr>
<tr>
<td><strong>MANIFESTATION</strong></td>
<td>summary information: carrier type, original manifestation (yes/no), audit trail (if Item is missing)</td>
</tr>
<tr>
<td><strong>ITEM</strong></td>
<td>storage location designation</td>
</tr>
<tr>
<td><strong>ITEM PART</strong></td>
<td>temporal and logical extent</td>
</tr>
</tbody>
</table>
PHOTOGRAPHS
<table>
<thead>
<tr>
<th>Čertův mlýn</th>
<th>K 122</th>
</tr>
</thead>
<tbody>
<tr>
<td>900 - 904</td>
<td>5 ks</td>
</tr>
<tr>
<td>10 547</td>
<td>1 ks čb</td>
</tr>
<tr>
<td>11 184</td>
<td>1 ks čb</td>
</tr>
<tr>
<td>PHOTOCHEMICALS MODULE</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>FILE</strong></td>
<td>photographers, storage location designation</td>
</tr>
<tr>
<td><strong>HasAsSubject</strong></td>
<td>Moving Image Work, Event, Agent (Authorities)</td>
</tr>
<tr>
<td><strong>WORK</strong></td>
<td>subject terms (actor, filmmakers), photographer (?), type (film still / behind the scenes)</td>
</tr>
<tr>
<td><strong>EXPRESSION</strong></td>
<td>n/a</td>
</tr>
<tr>
<td><strong>MANIFESTATION</strong></td>
<td>n/a</td>
</tr>
<tr>
<td><strong>ITEM</strong></td>
<td>technical information (chromatism, size, photographic technique), accession number</td>
</tr>
</tbody>
</table>
EVENTS MODULE

- Schema based on EN 15907 / FIAF Manual 2016
- Acquisition → 1 Event for 1n Entities
- Inspection → 1n Events for 1 Entity
- Core Event structure:
  - Identifier
  - Main Agent
  - Location (Geographical Entity)
  - Dates
  - Event details
AUTHORITIES MODULE

- Authorities types considered:
  - Agents
    - persons, corporate bodies, person groups
  - geographical entities
  - general subject terms (thematic vs. detailed description)
- Metadata standards
  - core standard → Czech archival description standard issued by Ministry of Interior (section Archival Entities)
    - based on ISAAR, used for Czech archival authorities DB (CAM)
  - Supplementary standards: MARC Authorities
AUTHORITIES MODULE - CONSIDERATIONS

- usage for filmographic / bibliographic description
- usage as subject terms for Work-content metadata
- in-house authorities records creation
  - film person and companies, film culture glossary
    - migration from legacy systems
- using authority records from external systems
  - 1. as starting point for refinement
  - 2. without refinement (geographical authorities, general subject terms)
  - 3. adding (inter)national identifier only
AUTHORITIES MODULE - USING EXTERNAL SYSTEMS

- Agents (as “starting points” or for identifiers)
  - National Library of the Czech Republic Authorities - [open data](#)
  - [VIAF](#), [wikidata](#)
- geographical entities
  - [ISO 3166](#) - for countries and countries divisions
  - Wikidata - hub for inter(national) identifiers
  - [Register of territorial identification, addresses and real estates](#) - Czech official system for recording and storing data about territorial identification, addresses and real estates
- general subject terms
  - National Library of the Czech Republic Authorities - [open data](#)
- [ISO 639-3](#) - languages codes ([SIL](#))
CURRENT STATE = MANY INFORMATION SYSTEMS

- AIS - film collections cataloguing system (since 1989)
  - Moving Image WORK level (55K records)
  - ITEM level (100K records)
  - also scanned photographs (115K records) and posters (2K records)
- Starbase - Filmovyprehled.cz
  - filmographic database for theatrically distributed Czech films only
  - WORK level (incl. Original Manifestation information) (5K records)
- Google sheets
  - oral history recordings (1700 interviews)
- Paper card catalogues
  - 30K posters
  - 500K photos
  - 100K Movie Image Item paper cards
DESIRED FUTURE = 1 SYSTEM

- Architecture → 7 modules communicating via API
- Metadata modules:
  - Authorities
  - Events
  - Moving Image Works
  - Posters
  - Photographs
  - Oral History Records
- Cataloguing Module
- Search Module
Q&A

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