Beam us up Scotty
The CESSDA Metadata Management Core Metadata Model goes into Round Two

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Outline

1) The CMM Core Metadata Model 1
2) CMM, DDI and other Standards
3) Challenges of Core Metadata Model 1
4) Accomplishments Core Metadata Model 1
5) Outlook: CMM Core Metadata Model 2
1) The CMM Core Metadata Model 1 – The CMM Project

Project Partners
- Finland – FSD (lead)
- Denmark - DDA
- France - CASD
- Germany - GESIS
- Norway - NSD
- Slovenia - ADP
- Sweden - SND
- United Kingdom - UKDS

Other CESSDA Members
- Austria
- Belgium
- Czech Republic
- Greece
- Lithuania
- Netherlands
- Switzerland
1) The CMM Core Metadata Model 1 – Dependencies other CESSDA projects:

Core Metadata Model

- Euro Question Bank
- Open Source Metadata Harvester
- Product and Service Catalogue
1) The CMM Core Metadata Model 1 – Originally discovered Needs:

- Resource discovery
- Digital long-term preservation
- Data access
- Multi-lingual items
- “Data Seal of Approval”
1) The CMM Core Metadata Model 1 – Covered Information:

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
| No. | Element | Definition | DDI 2.5 | DDI 3.2 Element | DOI | 2.5 | DOI 3.2 Element | DESCO | Reference | Occurrence | Format | Remarks | Mandatory | Condition | CV for this | CV | Manual | Element | DDI (N) | Study level: DDI (N) | Study: DDI (N) | Study: DDI (N) |
| 3 | Information on Study: | | | | | | | | | | | | | | | | Study: Study ID | Study: Study ID |
| 1 | Study | (no metadata element) | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | | | | | | | | | | | | | | | |
| 1.1 | Study-ID | ID of study | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | | | | | | | | | | | | | | | |
| 5 | Information on Study: Bibliographic Information | | | | | | | | | | | | | | | | |
| 7.1.3 | Study Number | Unique archival no. | Book / code | Book | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | Study | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | | | | | | | | | |
| 8 | Title | Study title | /code: Book | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | Study title | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | | | | | | | | |
| 9 | Other Title | Further title | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:User ID | | | | | | | | | | | | | | |
| 10.1.1 | Type of Other Title | | | | | | | | | | | | | | | |
| 11.1.7 | Principal Investigator | (no metadata element) (can be person or institution) | doi:DDIInstance/g:ResourcePackage/s:OrganizationSchema | | | | | | | | | | | | | | |
| 11.1.7.1 | Person Name | Name of principal investigator (if principle investigator (if institution)) | doi:DDIInstance/g:ResourcePackage/s:OrganizationSchema/a:fullName/r:String | | | | | | | | | | | | | | |
| 11.1.7.1.2 | Institution Name | Name of institution of principle investigator (if institution) | doi:DDIInstance/g:ResourcePackage/s:OrganizationSchema/a:OrganizationName/r:String | | | | | | | | | | | | | | |
| 11.1.7.2 | Associated Institution | Name of institution of principle investigator (if institution) | doi:DDIInstance/g:ResourcePackage/s:OrganizationSchema/a:OrganizationName/r:String | | | | | | | | | | | | | | |
| 14 | Order Primary Investigator | Order of appearance | doi:DDIInstance/g:ResourcePackage/s:OrganizationSchema/a:OrganizationName/r:String | | | | | | | | | | | | | | |
| 16 | Publisher | Name of publisher (by publisher of the material or publisher of the material) | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:PublicationDate/r:SimpleDate | | | | | | | | | | | | | | |
| 17.1.9 | Publication Date | Year of publication (by publisher of the material or publication of the material) | doi:DDIInstance/g:Group/g:Subgroup/s:studyUnit/r:PublicationDate/r:SimpleDate | | | | | | | | | | | | | | |

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CESSDA
1) The CMM Core Metadata Model 1 – Covered Information:

Information on:

- Study
- Person
- Institution
- Survey Instrument
- Questions & Answers
- Dataset
- Group of Studies
- Further Documents
- Literature
- Document Description
2) CMM, DDI and other Standards

- Interoperability:
  - Fully compliant to DDI 3.2
  - Provision of DDI Profile
  - Take other standards and schemas into account

- Element information provided in:
  - DDI Lifecycle 3.2
  - DDI Codebook 2.5
  - DDI-RDF Discovery Vocabulary (Disco)
3) Challenges of Core Metadata Model 1

- “DDI Trouble”
  - Workarounds necessary for some elements
- High demands to CESSDA Metadata Model
  - Dependencies with other CESSDA projects
  - More time needed to meet all needs

Illustrations: pixabay CC-0
4) Accomplishments CMM Core Metadata Model 1

• CMM 1 covers:
  • Resource discovery
  • Data Access
  • Multilingual items
  • Controlled Vocabularies (CVs)
  • Necessary metadata needs for other CESSDA projects
5) Outlook: CMM Core Metadata Model 2

- Direct continuation of CMM project Phase 1
  - Extension + adaption of Metadata Model 1
  - Meet further needs
  - Metadata for other types of research output
  - Consider further CESSDA projects
  - Coordinate model with DDI Moving Forward
Thank you!

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Further Information on the CMM project


- Etheridge, Anne. 2016. „Controlled Vocabularies for CESSDA“. EDDI16 - 7th Annual European DDI User Conference, Cologne.
CMM Partners

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<thead>
<tr>
<th>Acronym</th>
<th>Role/Responsibility</th>
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<tbody>
<tr>
<td>FSD</td>
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