DDI Controlled Vocabularies Working Group (DDI-CVG)

- Established in 2007, continues to meet monthly
- Multinational / multicultural group contributing experiences from a diversity of data archives as well as socio-political environments
- Current members represent ICPSR (Inter-university Consortium for Political and Social Research, UKDA (United Kingdom Data Archive), The GESIS-Leibniz Institute for the Social Sciences (Germany), NSD (The Norwegian Center for Research Data), FSD (The Finnish Social Science Data Archive), and SND (The Swedish National Data Service)

Coming Up: CV Manager Tool

- The General Assembly of the Consortium of European Social Science Data Archives (CESSDA) has approved overall funding of 340,000 EUR to build a tool for managing CVs.
- The tool will be used by CESSDA and the DDI-CVG and will support one-click publishing, versioning, and translations.
- Participants in the work task are UKDS (lead), FSD, SND, and GESIS. The project will run from January 2017 to September 2018.

Current CV Formats

- Available for viewing and individual or package download:
  - Genericode-XML (master file)
  - Excel
  - HTML

DDI 4.0 will make extensive use of CVs throughout the model. A special working sprint on DDI Controlled Vocabularies was organized at Dagstuhl, Germany, October 24-28, 2016.

23 Vocabularies Issued To Date

Describing aspects of a study, research project, or data collection process/effort

- Time Method
- Sampling Procedure
- Data Source
- Type of Instrument
- Kind of Data Format
- Lifecycle Event Type
- Mode of Collection
- Time Zone
- Software Package

Specific to data description

- Aggregation Method
- Data Type
- Analysis Unit
- Response Unit
- Summary Statistic Type

Example:

<table>
<thead>
<tr>
<th>Code List</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>codeListAgencyName</td>
<td>Individual, Household, Organization, Project, Region, Sector, State, Team, University</td>
</tr>
<tr>
<td>codeListName</td>
<td>Data Type, Analysis Unit, Location, Measurement, Person, Time Unit, Value Type</td>
</tr>
<tr>
<td>codeListVersionID</td>
<td>1.0</td>
</tr>
<tr>
<td>codeListSchemeURN</td>
<td>xs:string</td>
</tr>
</tbody>
</table>

Usage Details:

Recommended usage is included in the CV specification

Sample markup for use in DDI-L

DDI 2.5 includes a new element <controlledVocabulary> that supports machine processing of the CVs in DDI-C and facilitates transition to DDI-L.

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User Support

Sample markup for use in DDI-L

Recommended citation formats for use with other documentation standards than DDI

Guidelines for collection migration following the publication of new versions (codes for version changes and entries involved are included in the CV specification)

Translations are posted for reference (but not published) as they become available

Standardized metadata, highly desirable in online documentation systems

- Enhances content consistency.
- Supports machine-actionability, predictability, and comparability.
- Increases precision of searches.
- Facilitates metadata creation, organizing, and sharing and retrieval.
- Promotes semantic and technical interoperability.

Self-standing Products

- Published and updated independently of the DDI specifications.
- May be used in conjunction with both DDI-L and DDI-C.
- Their use in any DDI version is optional.
- May be incorporated in other documentation standards, or formats.
- Are fully machine-processible.
- Are expressed in codes, thus allowing translations in other languages without affecting interoperability.

DDI CV Users

- Individual archives and data centers; ICPSR, FSD, SND, UKDA, GESIS, Mathemataica (U.S.A.), University at Bielefeld (Germany), etc.
- Worldwide users of Neestar Publisher, a DDI compliant complex data management tool which incorporates the controlled vocabularies for Analysis Unit and Time Method.
- CESSDA is currently building its Metadata Standards Portfolio V. 1, which will include the DDI CVs available for relevant metadata fields. The vocabularies will be translated into local languages by the member archives.

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- Genericode-XML (master file)
- Excel
- HTML

Example:

<table>
<thead>
<tr>
<th>Name</th>
<th>Value Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>person</td>
<td>Person</td>
</tr>
</tbody>
</table>

DDI Alliance: [short name] CV, [version], [URI]