Controlled Vocabularies Published by the DDI Alliance

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www.ddialliance.org/controlled-vocabularies

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 socio-political environments

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 both 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

- CVs will be expressed in SKOS

Current CV Formats

Available for viewing and individual or package download:

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

24 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:

Code List		
	in American English	
Code	**Term**	**Definition**
Individual	Individual	Any individual person, irrespective of demographic characteristics, professional, social or legal status, or affiliation.
Organization	Organization	Any kind of formal administrative and functional structure - includes associations, institutions, agencies, businesses, political parties, schools, etc.
Family	Family	Two or more people related by blood, marriage (including step-relations), adoption or fostering and who may or may not live together (national Community Services Data Dictionary, Vers 3, AIHW, 2004). For example, used when researching the extent to which people provide support and assistance for their relatives.

Usage Details: Recommended usage is included in the CV specification

DDI-L:

Module Name	Element Name
reusable	AnalysisUnit

DDI-L includes Code-value Type elements — specifically designed to support CVs, and allowing maximum flexibility in CV usage:

```
XML Representation Summary
<TypeOfTimeMethod
    codeListID          = xs:string
    codeListName        = xs:string
    codeListAgencyName  = xs:string
    codeListVersionID   = xs:string : "1.0"
    otherValue          = xs:string
    codeListURN         = xs:string
    codeListSchemeURN   = xs:string
    >
    Content: { xs:string }
</TypeOfTimeMethod>
```

DDI-C:

Element Number	Element/Attribute Name
2.2.3.8	anlyUnit@unit
4.3.7	anlysUnit
4.4.9	anlysUnit

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

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.

User Support

Sample markup for use in DDI-L

```
<l:Variable>
    <r:AnalysisUnit  codeListID="AnalysisUnit"
                     codeListVersionID="1.0.0"
                     codeListURN="urn:ddi-cv:AnalysisUnit:1.0.0"
                     codeListAgencyName="DDI Alliance">Individual</r:AnaysisUnit>
```

Recommended citation formats for use with other documentation standards than DDI

DDI Alliance: [short name] CV, [version], [URI]
Example: DDI Alliance: TimeMethod CV, V1.1, http://www.ddialliance.org/Specification/DDI-CV/TimeMethod_1.1.html

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

Version changes	Comments	Migration measures
UNCHANGED: X	Code X, as well as the term and the definition for code X have remained unchanged.	No migration measures needed.
RENAMED: X-Y	Code X has been changed (renamed) to Y but the term and definition for Y are the same as for the old code X.*	X can be changed to Y with automatic migration.

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

Example:

Code	Term	Definition
Individual	Henkilö	Tutkimuksen tarkastelukohteena ovat yksittäiset henkilöt.
Organization		Mikä tahansa hallinnollinen tai toiminnallinen struktuuri, esimerkiksi koulu, yhdistys, järjestö, instituutio, toimisto, yritys, poliittinen puolue, jne. Kysymykset kohdistuvat itse organisaatioon ja vastaaja esiintyy pääasiassa organisaation, ei itsensä edustajana. Esimerkiksi miten korkeakoulut toteuttavat
	Organisaatio	tutkinnonuudistuksen tai miten yritykset ottavat ympäristöseikat huomioon toiminnassaan.

Name	Title	Languages	File Type
AnalysisUnit	Analysis Unit	DE, FI	xls
TimeMethod	Time Method	DE, FI	xls

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, NSD, SND, UKDA, GESIS, Mathematica (U.S.A.), University at Bielefeld (Germany), etc.

- Worldwide users of Nesstar 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