

Duel Development Lines of DDI

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Desired Areas of Coverage

- Simple survey
- Aggregate data
- Complex data file structures
- Series (linkages between studies)
- Programming and software support
- Support for GIS users
- Support for CAI systems
- Support comparability (by-design, harmonization)

DDI Versions

- Major version
 - The inclusion of new coverage areas
 - Structural model change
- Minor version
 - Corrections to current content
 - Expansion of detail in current coverage areas
- Commitment to backward compatibility
 - Requirement dropped in version 3

DDI Development

Version 1
2000

DDI Development

Version 1
2000

Version 1.01
2001

Version 1.02
2001

Version 1.3
2002

DDI Development

Version 1 **Version 2**
2000 **2003**

Version 1.01
2001

Version 1.02
2001

Version 1.3
2002

DDI Development

Version 1
2000

Version 2
2003

Version 1.01
2001

Version 2.1
2005

Version 1.02
2001

Version 1.3
2002

DDI Development

Version 1
2000

Version 2
2003

Version 1.01
2001

Version 2.1
2005

Version 1.02
2001

Version 1.3
2002



DDI Development

Version 1
2000

Version 2
2003

Version 3
2008

Version 1.01
2001

Version 2.1
2005

Version 1.02
2001

Version 1.3
2002



DDI Development

Version 1
2000

Version 2
2003

Version 3
2008

Version 1.01
2001

Version 2.1
2005

Version 3.1
2009

Version 1.02
2001

Version 1.3
2002



DDI Development

Version 1
2000

Version 1.01
2001

Version 1.02
2001

Version 1.3
2002

Version 2
2003

Version 2.1
2005

Version 2.5
[2011]

Version 3
2008

Version 3.1
2009

Version 3.2
[2011]

DDI Development

Codebook

Version 1
2000

Version 1.01
2001

Version 1.02
2001

Version 1.3
2002

Version 2
2003

Version 2.1
2005

Version 2.5
[2011]

Lifecycle

Version 3
2008

Version 3.1
2009

Version 3.2
[2011]

DDI Development

Codebook

Version 1
2000

Version 1.01
2001

Version 1.02
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Version 1.3
2002

Version 2
2003

Version 2.1
2005

Version 2.5
[2011]

[Version 2.6
20??]

Lifecycle

Version 3
2008

Version 3.1
2009

Version 3.2
[2011]

[Version 3.3
20??]

DDI Development

Codebook

Version 1
2000

Version 2
2003

Version 1.01
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Version 1.02
2001

Version 1.3
2002

Version 2.1
2005

Version 2.5
[2011]

[Version 2.6
20??]

Lifecycle

Version 3
2008

[Version 4
20??]

Version 3.1
2009

Version 3.2
[2011]

[Version 3.3
20??]

Desired Areas of Coverage

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Desired Areas of Coverage

Codebook

Version 1

Simple survey

Option for some programming
and software support

Version 2

Aggregate data

Some support for GIS users

Lifecycle

Version 3

Simple survey

Aggregate data

Programming and software
support

GIS support

CAI support

Complex data files

Series

Comparability

Technical difference between Codebook and Lifecycle structures

- Codebook
 - Codebook based
 - Format XML DTD
 - After-the-fact
 - Static
 - Metadata replicated
 - Simple study
 - Limited physical storage options
- Lifecycle
 - Lifecycle based
 - Format XML Schema
 - Point of occurrence
 - Dynamic
 - Metadata reused
 - Simple study, series, grouping, inter-study comparison
 - Unlimited physical storage options

Feature Enhancement

- Added sections covering
 - Study authorization
 - Study budget
 - Ex-post study evaluation
 - Collector training
 - Instrument development
- Expanded detail
 - Sample procedure to include sample frame and target sample
 - Response rate
 - Typing of data appraisal
 - Detail for data processing and coding instruction
 - Allows for citation and persistent identifier for individual data files

Compatibility Enhancements

- Ability to capture and retain DDI-Lifecycle identification information (agency, id format, version information)
- Designation of a single note as a master and capture all the related objects it should be attached to
- Use of XHTML for structured content
- Ability to capture DDI-Lifecycle representation or response domain type explicitly
- Capture full range of ISO date types
- Added new sections to DDI-Lifecycle (v.3.2) to reflect added information fields in DDI-Codebook (v.2.5)

Conventionalize the use of Controlled Vocabularies

- Declare the use of a specific controlled vocabulary
- Define the object (element or attribute) that uses the controlled vocabulary
- Define the valid controlled vocabulary value of a non-valid legacy entry

DDI-Codebook Applications

- Simple survey capture
- High level study description with variable information for stand alone studies
- Descriptions of basic nCubes (individual statistical tables)
- Replicating the contents of a codebook including the data dictionary
- Collection management beyond bibliographic records

Continued use of DDI-Codebook

- Current users
- New users whose needs are met by DDI-Codebook
- Software availability
 - NESSTAR
 - IHSN Microdata Toolkit
 - NADA Catalog
 - World Bank Open Data program (Microdata Catalog)

Publication Process for DDI-Codebook (v.2.5)

- Completed internal review by those requesting specific changes/additions
- Incorporate corrections and comments by this group
- Revise the in-line documentation so that it can be processed for use by existing tools used in creating DDI schema packages
- Publish for public review along with a software editing tool that will facilitate the review process
- Revise as needed, put to Expert Committee vote and publish

Additional Information

Information on current DDI-Codebook
specification

<http://www.ddialliance.org/Specification/DDI-Codebook/2.1>

Watch for DDI-Codebook v.2.5

<http://www.ddialliance.org/Specification/DDI-Codebook/2.5>

Questions:

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