

DDI Moving Forward: Integration of Core Components / DDI-based Infrastructure Vision

Major Goal

One focus of this workshop will be on preparation for the upcoming DDI4 prototype release in June 2018. We are not exploring new areas, but rather making sure that the model as it exists is clean and internally consistent. The purpose of the DDI4 prototype is to show some of the new approaches of DDI4, e.g. datum-based description of data, more generalized data capture, patterns such as a more powerful approach to collections including its application to process description, a model driven approach, and generated bindings. The prototype is not intended as a basis for production implementations, but could be used for exploring DDI4 in detail and doing prototype implementations. The workshop will focus on the integration of Data Capture and Data Description.

Another focus of this workshop will be on drafts of four strategic documents for the DDI Alliance. This includes the mission and guiding principles, new strategic plan, infrastructure vision and the DDI4 prototype delivery schedule. The four DDI Alliance documents should have a strong relationship to each other.

Mission and Guiding Principles

Starting from earlier work, a document describing the mission of the Alliance and guiding principles for its work should be produced. An earlier draft is available on the workshop page: [Mission and Guiding Principles](#).

Strategic Plan for the DDI Alliance

A new strategic plan will be developed. The [current plan](#) covers 2014-2017. This paper will outline on a high level the plan for the DDI Alliance and sets out the proposed activities to be undertaken in the next three to five years to advance our agenda.

Infrastructure Vision

The DDI Alliance is developing a vision for a DDI-based infrastructure for the empirical social sciences. This proposal can then be used by organizations in the empirical social sciences completely, partially, or not at all (local ways to deal with metadata). The general thinking is to define a distributed network infrastructure where multiple stakeholders can contribute building blocks (for example a repository of questions). The vision plan using DDI as a specification would enable an interoperable infrastructure rather than metadata islands. A discussion paper is available, created in the Dagstuhl workshop 2016.

DDI4 Prototype Delivery Schedule

This will set milestones for the development of the DDI4 prototype for delivery in June 2018, aligning with the maintenance of the existing standards DDI-Codebook and DDI-Lifecycle.

Working Groups:

Data Description and Data Capture

This week will be focusing on the more detailed modelling and review of implementation issues.

Week one will be doing the groundwork on identifying the core issues - "What are the touchpoints between data capture and the data description sections of the model? What changes need to be made to make them work together and avoid functional duplication and overlaps? - so much of the thinking will be have done.

Modelling

Modelling is supporting the integration of Data Description and Data Capture. Therefore, the modelling group will be merging with the group on Data Description and Data Capture (DD/DC).

Use cases

The main work will involve the description of major use cases and what the DDI 4 can do for them. This work should focus in the workshops on the core sets of items which are realized in the three functional views. Week one will be addressing technical test cases in binding syntax (XML and RDF) for core items of Functional Views (Data Description and Data Capture).

Strategic Documents

The work will focus on draft versions of the four documents mentioned above: Mission and Guiding Principles, Strategic Plan for the DDI Alliance, Infrastructure Vision, and DDI4 Prototype Delivery Schedule.

Participants:

Arofan Gregory, *Barry Radler*, *Cathy Fitch*, Chuck Humphrey, Daniel Gillman (Dan), *Dan Smith (Dan S)*, Dana Müller, Esra Akdeniz, George Alter, Hossein Abroshan, Ingo Barkow, Jared Lyle, Jay Greenfield, Joachim Wackerow (Achim), Jon Johnson, Kelly Chatain, Knut Wenzig, Larry Hoyle, Margaret Levenstein (Maggie), Mari Kleemola, *Oliver Hopt*, Sanda Ionescu, Steven McEachern, Wendy Thomas, William Block (Bill), Wolfgang Zenk-Möltgen

Core topics for the week

Topic	Participants	Remote
Data description	Dan, Jay, Larry, Steve	
Data capture	Ingo, Jon, Knut, Steve, Wendy	<i>Barry, Dan S.</i>
Modelling	Arofan, Dan, Jay, Larry, Wendy	<i>Oliver</i>
Use cases	Dan, Esra, Jon, Kelly, Mari, Sanda, Bill, Wolfgang	
Strategic documents	Achim, Chuck, George, Ingo, Jay, Larry, Mari, Hossein, Steve, Bill	<i>Barry, Cathy</i>
Sub-group: DDI Strategic planning (Thur-Fri)	Achim, Dana (Thursday/Friday), Maggie (Thursday/Friday), Steve, Bill (And: Chuck, George, Mari)	
Facilitators	Achim, Jon, Kelly, Steve, Larry, Wendy	

AGENDA

[Italics indicate remote participant]

DAY/TIME - GROUP	DATA DESCRIPTION / DATA CAPTURE	USE CASES	STRATEGIC DOCUMENTS
Monday AM	PLENARY SESSION - INTRODUCTION TO THE WEEK, OVERVIEW OF AGENDA, WORK PROGRAM, ETC.		
Monday PM	Review of current model status, Identification of DD/DC integration requirements/Review of Codebook requirements for DD/DC Lead: Larry Who: Arofan, Dan, Jay, Ingo, Jon, Knut, Wendy, Barry	Outline of use case work program Lead: Jon Who: Esra, Kelly, Sanda, Wolfgang	Review of vision statement Outline of proposed updates Lead: Steve Who: Achim, Chuck, George, Ingo, Jay, Larry, Mari, Hossein, Bill
Tuesday AM	DD/DC integration Lead: Larry Who: Arofan, Dan, Jay, Jon, Knut, Wendy	Scoping of use cases Lead: Jon Who: Esra, Kelly, Sanda, Wolfgang	Update of vision statement and principles Revision of DDI vision and mission statements Lead: Bill Who: Achim, Chuck, George, Ingo, Mari, Hossein
Tuesday PM	DD/DC integration Lead: Larry Who: Arofan, Dan, Jay, Jon, Knut, Wendy, Barry	Scoping of use cases Lead: Jon Who: Esra, Kelly, Sanda, Wolfgang	Revision of DDI vision and mission statements Lead: Bill Who: Achim, Chuck, George, Ingo, Mari, Hossein

DAY/TIME - GROUP	DATA DESCRIPTION / DATA CAPTURE	USE CASES	STRATEGIC DOCUMENTS
Wednesday AM	Remodelling of DD/DC as required [At the end of this session a number of people will be assigned documentation work on the DD/DC integration] Lead: Larry Who: Arofan, Dan, Jay, Wendy, Ingo, Knut, Steve	Use cases Lead: Wolfgang Who: Esra, Kelly, Sanda, Bill, Mari	Outline of technical roadmap Lead: Achim Who: Chuck, George, Mari, Hossein, Jon, Wendy
Wednesday PM	Review of current modelling status Outline of modelling team work activities Lead: Wendy Who: Arofan, Dan, Jay, Knut, Larry, <i>Barry, Oliver</i>	Use cases Lead: Jon Who: Esra, KH, Sanda, Wolfgang, Bill, Mari	Outline of technical roadmap Lead: Achim Who: Chuck, George, Ingo, Jay, Mari, Hossein, Steve, Bill
Thursday AM	Modelling team review Lead: Wendy Who: Arofan, Dan, Jay, Larry, Knut, <i>Oliver</i>	Connecting Use cases to DD/DC/CB Lead: Jon Who: Esra, Kelly, Sanda, Wolfgang	Review of updated vision Framing of strategic planning Lead: Steve Who: Achim, Dana (ThF), Maggie (ThF), Bill, (and: Chuck, George, Mari)
Thursday PM	Modelling team review Lead: Wendy Who: Arofan, Dan, Jay, Larry, Knut, <i>Oliver</i>	Connecting Use cases to DD/DC/CB Lead: Jon Who: Esra, KH, Sanda, Wolfgang	Strategic planning (Remote call at 2pm - 8am EST) Lead: Steve Who: Achim, Dana (ThF), Maggie (ThF), Bill, Chuck, George, Mari

DAY/TIME - GROUP	DATA DESCRIPTION / DATA CAPTURE	USE CASES	STRATEGIC DOCUMENTS
Friday AM	Modelling team review Lead: Wendy Who: Arofan, Dan, Jay, Larry, Knut, <i>Oliver</i>	Documentation of Use cases Lead: Jon Who: Esra, Kelly, Sanda, Wolfgang	Strategic planning Lead: Steve Who: Achim, Dana (ThF), Maggie (ThF), Bill (and: Chuck, George, Mari)
Friday PM	Modelling team review Lead: Wendy Who: Arofan, Dan, Jay, Larry, Knut, <i>Oliver</i>	Documentation of Use cases Lead: Jon Who: waifs and strays	Strategic planning (Remote call at 2pm - 8am US EST) Lead: Steve Who: Achim, Dana (ThF), Maggie (ThF), Bill (and: Chuck, George, Mari)