



Joint Initiative on SDO Global Health Informatics Standardization

Joint Working Group (WG9) SDO Harmonization

Meeting Minutes

Meeting 5

Held at the HL7 22nd Annual Plenary and Working Group Meeting
Vancouver
14 September 2008

CEN Co-Chair	HL7 Co-Chair	ISO Co-Chair	Secretariat
Melvin Reynolds	Charles Jaffe	Don Newsham	Elizabeth Hanley
MelvinR@AMS-Consulting.co.uk	cjaffe@hl7.org	DonNewsham@SieraSystems.com	Elizabeth.hanley@standards.org.au

*Joint Initiative on SDO Global Health Informatics Standardization
 Joint Working Group
 Minutes of Meeting 5, September 2008*

Attendance

Country	Name
Argentina	Diego Kaminker
Australia	Richard Dixon Hughes
Australia	Heather Grain
Australia	Elizabeth Hanley
Australia	Dennis Nguyen
Australia	Grahame Grieve
Australia	Vincent McCauley
Australia	Ken Harvey
Australia	Klaus Veil
Australia	Peter Scott
Australia	Andrew McIntyre
Australia	David Rowed
Australia	Eleanor Royle
Brazil	Jussara Rotzsch
Brazil	Rigoleta Dutra
Brazil	Marivan Abrahao
Canada	Don Newsham
Canada	Ron Parker
Canada	Grant Gillis
Canada	Ray Simkus
Canada	Michael Van Campen
Canada	Beverly Knight
Canada	Dennis Giokas
Canada	Jane Howarth
Canada	Wendy Huang
Canada	Louis Boulay
Canada	Glenn Austin
Canada	Charles Mathis
Canada	Nicole Mardis
Finland	Juha Mykkanen
France	Nicholas Canu
France	Francois Macary
France	Charles Rica
France	Ana Estelrich
Germany	Bernd Blobel
Germany	Sylvia Thun
Germany	Thomas Norgall
India	Pradep Kumar Parida
Japan	Ken Toyoda
Japan	Tetsuro Kiyotani
Japan	Masaharu Obayashi
Japan	Sadamu Takasaka
Japan	Masaaki Hirai
Japan	Yasuhiro Araki

*Joint Initiative on SDO Global Health Informatics Standardization
 Joint Working Group
 Minutes of Meeting 5, September 2008*

Japan	Ayumi Endo
Japan	Taku Watanabe
Japan	Daigoro Ebina
Japan	Daisake Koite
Japan	Hiro Hoshimolo
Japan	Jun Nakaya
The Netherlands	William Goossen
The Netherlands	Robert Stegwee
The Netherlands	Jos Baptist
Singapore	Peter Tan
United Kingdom	Melvin Reynolds
United Kingdom	Isobel Freat
United Kingdom	Dipak Kalra
United Kingdom	Dave Iberson-Hurst
United Kingdom	Rik Smithies
United Kingdom	Ian Townend
United Kingdom	Charlie McCay
United Kingdom	Robert Worden
United Kingdom	Malcolm Clarke
United Kingdom	Andrew Hinckly
United Kingdom	Nick Halsey
United Kingdom	Andrew Marr
United Kingdom	Julie James
United Kingdom	Tim Ireland
United Kingdom	Tim Buxton
United States	Audrey Dickerson
United States	Todd Cooper
United States	Chris Chute
United States	Gary Dickinson
United States	Charles Jaffe
United States	Mark Shafarman
United States	John Ritter
United States	Lise Stevens
United States	Peggy Leizeer
United States	Pat Van Dyke
United States	John Moehrke
United States	Jim Mhyre
United States	Peter Goldschmidt
United States	Steve Ward
United States	Lenel James
United States	Ted Klein
United States	Robert Hausam
United States	Rita Scichilone
United States	Karen Van
United States	Gaby Jewell
United States	Bill Rosen
United States	Gora Datta
United States	Mary Ann Slack

*Joint Initiative on SDO Global Health Informatics Standardization
Joint Working Group
Minutes of Meeting 5, September 2008*

1 Welcome and introductions

Charles Jaffe, co-chair of the Joint Working Group (JWG), welcomed attendees to the fifth meeting of the JWG, and the first held at a HL7 Working Group Meeting. He acknowledged the contribution made by Mark Shafarman, in chairing the HL7 – ISO – CEN Co-ordination meetings, which have been held regularly at HL7 Working Group Meetings, after the International Affiliates meeting.

2 Opening of the meeting

a. Apologies

Jeremy Thorp, Helen Broberg, Ed Hammond

b. Confirmation of the agenda

The agenda was confirmed.

c. Confirmation of minutes from JWG Meeting 4 – May 2008, Gothenburg

The minutes of meeting 4 were accepted.

d. Actions

See item 10.

e. Report from Joint Initiative Council (JIC)

Don Newsham reported that:

- The JIC has met regularly since May by teleconference or in person to discuss issues and approve processes.
- The JIC has approved a process for including additional SDOs in the JIC, consisting of a nomination form to be submitted by an existing JIC member on behalf of the nominating SDO, and a set of criteria to be met by the nominating SDO.
- CDISC was the first SDO to be approved as an additional member of the JIC.
- The policy and procedures for establishing Joint Initiative task groups have been approved by the JIC.
- Audrey Dickerson is the secretariat for the JIC.

3 SDO Work Program Harmonization

a. Review of Joint SDO work program inventory, version 2.1

It was noted that part of the challenge in establishing the Joint Initiative is to understand the active work items under way in each SDO, and to assess these for overlaps, issues, problems and gaps. The inventory holds over 200 work items currently active in the four participating SDOs.

The meeting sought guidance from those present about how to analyse the inventory, noting that discussion in meeting 4 identified two possible approaches to analysis, via a classification of standards, or through use cases.

b. Feedback from members on SDO Work Program harmonization issues

1. European Union ESO Mandate project update

Melvin Reynolds spoke on the challenges encountered in the ESO Mandate project in undertaking a key word analysis of EN Standards to identify standards priorities, resolve inconsistencies and fill gaps. Using the categories: application; processes; and technology, it was found that there

*Joint Initiative on SDO Global Health Informatics Standardization
Joint Working Group
Minutes of Meeting 5, September 2008*

was a commonly used set of technology keywords, however, that was not the case for the categories of application or process. It was reported that doing a standards analysis from the use case view was difficult, given that many standards are use case agnostic.

2. Standards map / identification of required standards / Standards Knowledge Management Tool (SKMT)

Grant Gillis spoke about the Canadian standards mapping exercise undertaken to develop a comprehensive map of standards needed, and also to portray that standards map. The health informatics health profiling framework and Zachman's framework were used. It was noted that the SKMT has been used to some degree in ISO/TC 215 and has been shared with ISO as they proceed to their standards as databases project.

Issues noted included:

- the resource intensity involved in entering data in a standards management tool;
- a reasonable knowledge of documents is required to enter metadata;
- a conceptual organisation of the information is required, e.g. by keyword or some classification;
- a means to analyse the standards and a process to do the analysis is required

Bernd Blobel presented on his research work on knowledge management and information systems, suggesting that this is a framework or reference architecture that could be utilized to assess standards.

c. Next steps for analysis

Action 5.1 Establish a taskforce to explore issues and propose next steps for standards analysis, consisting of Don Newsham, Melvin Reynolds and Charlie McCay, and other volunteers.

4 Joint Work Program – Status, Review and Discussion

a. 13606 Electronic Health Record (EHR) Communication, parts 1 - 5

Dipak Kalra reported the Standard has been completed to publication in CEN/TC 251, other than part 5, and is moving through ISO/TC 215.

The implementation guide to support use of 13606 by countries and the vendor community is a joint task group project, with 13606 and HL7 Version 3 harmonization being the goal. The project will define interoperability use cases, from contributions from Brazil, Austria, Netherlands, and England. A Joint Initiative task group template has been submitted to JIC for approval.

b. Data Types

Graham Grieve reported that the joint project is now at DIS ballot in ISO/TC 215, with both the HL7 and CEN ballots already closed. All members of ISO were asked to forward their comments for the ISO ballot to Grahame for consideration prior to the final resolution of comments to be done in October at the ISO/TC 215 meeting. The HL7 ballot reconciliation will be done at Vancouver, with 33 major technical issues to be discussed.

*Joint Initiative on SDO Global Health Informatics Standardization
Joint Working Group
Minutes of Meeting 5, September 2008*

Grahame raised issues of concern as follows:

- Intellectual Property (IP) issues related to a singular Standard being balloted and published by several SDOs
- The mechanism for revisions and further releases
- The role of the maintenance agency
- Versioning of value sets

It was noted that the aim of the Joint Initiative is to develop a singular standard balloted in ISO/TC 215, CEN TC 251 and HL7, with each organization owning the IP.

Action 5.2 Charlie McCay to forward to the TSC process issues raised by Grahame Grieve in regard to the date types project.

c. Pharmacovigilance and identification of medicinal products

1. Individual Case Safety Report project

Lise Stevens spoke to the challenges faced in taking a singular standard to ballot in CEN, ISO and HL7, for instance, how much HL7 content to include in the ballot document; how to reference content of other HL7 committees, how to manage different publication templates, balloting procedures and publishing requirements. It was suggested by Charlie McCay that the project leads discuss these challenges, and how to address them, with Ian Shepherd, convenor of ISO/TC 215 Working Group 6.

d. Glossary

Heather Grain reported that the aim of the glossary project is to achieve a harmonized and consistent approach to definitions used in any Standard. The deliverables are a document on structure and process, and harmonization of definitions using the Standards Knowledge Management Tool (SKMT). Currently Heather is reviewing a total of 718 terms, including duplicates, for discrepancies: linguistic and semantic.

A Joint Initiative task group template has been submitted to JIC for approval.

Action 5.3 Heather Grain to forward to JWG Secretariat for circulation, details of the process for registration and entry of terms to the glossary via the SKMT.

e. Entity Names Harmonization

It was noted that this project will address issues of harmonization between HL7 name identifiers, and ISO identification Standards for subjects of care and provider.

f. Units of Measure

It was noted that there is a project underway in ISO/TC 215 Working Group 6 on Units of Measure. It was further noted that the Regenstrief Institute produces an informal publication on Units of Measure which is mandated in HI7 V 3.

5 Harmonization Needs and Issues

a. Raised Issues Tracking / Review

No further work items were noted for tracking as potential joint work items.

b. Issues / Tasks to be addressed

*Joint Initiative on SDO Global Health Informatics Standardization
Joint Working Group
Minutes of Meeting 5, September 2008*

1. EHR-S Functional Model Release 2
2. Common Terminology Services, Release 2

Issues related to the development of further releases of a Standard were raised as follows:

- How to manage ballot cycles where one SDO is balloting / publishing release 1 and another SDO is developing release 2?
- How to handle ballot comments on release 1 in a second SDO?
- Who is responsible for maintenance?
- How to handle negative votes on release 1 – does this mean a ballot of release 1.1 in both SDOs?
- What are the requirements of the HL7 / ISO project agreement?

Action 5.4 JWG Convenor to forward issues related to multiple releases of a Standard to the JIC for discussion and decision making.

6 Standardization processes

a. JIC processes

See report at 2(e).

b. Current joint initiative processes

See report at 2(e).

c. Issues to be addressed

1. Balloting of different versions of same standard in different SDOs

See discussion at 5(b).

7 Communications

This item was held over.

8 Other Business

There were no items of other business.

9 Next JWG Meetings

1. ISO/TC 215 / CEN TC 251 meeting (Istanbul) – 12 October 2008, 8am to 11am
2. HL7 (Orlando) – 11 January 2009, after international affiliates meeting (to be confirmed)

*Joint Initiative on SDO Global Health Informatics Standardization
Joint Working Group
Minutes of Meeting 5, September 2008*

10 Actions

Number	Action	Responsibility
3.1	Update the Joint SDO work program inventory with current HL7 work items. 2008/05/30 Update the Joint SDO work program inventory with current HL7 and CDISC work items. Carried 2008/09/14 Completed.	JWG Secretariat
3.4	Update the decision tree diagram for discussion at May JWG meeting. 2008/05/30 Jeremy Thorp noted that some examples to work through would be of assistance in updating and simplifying the decision tree. Carried 2008/09/14 Carried.	Jeremy Thorp
4.1	Report back on gaps and overlaps found in the joint SDO work program inventory. 2008/09/14 Carried.	Melvin Reynolds
4.2	Submit items of overlap, duplication or other issues to JWG secretariat. 2008/09/14 Carried.	Members of ISO/TC 215, CEN/TC 251, HL7, CDISC
4.3	Submit the Joint Initiative task group template for the 13606 and HL7 V3 implementation guide project for JIC approval. 2008/09/14 Completed.	Dipak Kalra
4.4	Submit the Joint Initiative task group template for the Glossary project to the JIC for approval and inclusion on the joint work program. 2008/09/14 Completed.	Heather Grain
4.5	Submit the Joint initiative task group template for the Entity Name Harmonization project to the JIC for approval and inclusion on the joint work program. 2008/09/14 Carried.	Heather Grain and Grahame Grieve
4.6	Submit the Joint initiative task group template for the Units of Measure project to the JIC for approval and inclusion on the joint work program. 2008/09/14 Carried.	Ray Simkus, Gunnar Klein, Robert Owens and Grahame Grieve
5.1	Establish a taskforce to explore issues and propose next steps for standards analysis	Don Newsham, Melvin Reynolds and Charlie McCay, and other volunteers.
5.2	Forward to the TSC process issues raised by Grahame Grieve in regard to the date types project.	Charlie McCay
5.3	Forward to JWG Secretariat for circulation, details of the process for registration and entry of terms to the glossary via the SKMT	Heather Grain
5.4	Forward issues related to multiple releases of a Standard to the JIC for discussion and decision making	JWG Convenor