HL7 Working Group Updates from the TSC for the week of March 25th, 2013

Approved Projects

HL7 Version 2 Implementation Guide: Body Mass Index Reporting, Release 1 (US Realm) at Project Insight # 972 for PHER of DESD cosponsored by OO of SSD SD. The scope of this project is to develop a BMI implementation guide using the HL7 V2 ORU message. The guide will contain a profile that describes the transmission of body mass index (BMI) data (Required: height, weight, gender, date of birth, and date of measurement. Optional: BMI result, additional demographics) from electronic health record systems (EHRs) to public health surveillance systems.

Create an implementation guide which is the specification for transforming messages between OASIS Tracking of Emergency Patients (TEP) and HL7 V3 by PHER WG of DESD cosponsored by Patient Care of SSD SD at project Insight # 971. The scope of this project is to write a specification that can be used to develop transforms of the TEP data that will properly map to the appropriate HL7 V3 messages used in the healthcare setting. It also includes the specification for transforming an HL7 V3 message to a TEP message if a patient must be transported from the healthcare facility by emergency services.

Create an implementation guide which is the specification for transforming messages between OASIS Tracking of Emergency Patients (TEP) and HL7 V2.7.1 at Project Insight #970, for PHER WG of DESD cosponsored by Patient Care of SSD SD. The scope of this project is to write a specification that can be used to develop transforms of the TEP data that will properly map to the appropriate HL7 V2.7.1 messages used in the healthcare setting. It also includes the specification for transforming an HL7 V2.7.1 message to a TEP message if a patient must be transported from the healthcare facility by emergency services.

Patient Medication Profile, at Project Insight #856 for Pharmacy WG of DESD. This project will be divided into two phases: Phase 1 will define what a medication profile means based on known use cases Phase 2 will identify the requirements and information structure to support the documentation and exchange of patient medication profile information. It is possible that this may result in modifications to previously balloted pharmacy topics (Medication Order, Medication Dispense Event, Medication Statement and Administration). It is anticipated that the definition work in Phase 1 will identify the need for new interactions and messages within existing and new topics and/or will identify the need to ballot existing material.

Approved Publications

The TSC approved informative publication of:

HL7 Version 3 Implementation Guide: Implementation Guide: Family History/Pedigree Interoperability, Release 1 by Clinical Genomics of DESD at Project Insight #729. The HL7 Clinical Genomics Family Health History (Pedigree) Model is a data standard for capturing, within a system, and transmitting family histories between systems. This includes describing a patient’s full pedigree (family and familial relationships) with diseases and conditions, and the option to link genetic data and risk analysis. The model has the ability to transmit complete family history information for clinical decision support and risk assessment. The Family History model is approved by the American National Standards Institute (ANSI), is the Healthcare Information Technology Standards Panel (HITSP)-accepted standard, and is in the process of becoming of an international standard through ISO.
HL7 Version 3 Standard: XML Implementation Technology Specification R2 Guide, Release 1 for ITS WG of FTSD at Project Insight #316 requests publication as an informative document. This HL7 V3 ITS seeks to achieve: 1. Model-based serialization that produces i. XML Schema that are automatically always consistent with the underlying specification (i.e. require no manual intervention) ii. standard wire formats that represent equivalent concepts in a consistent way across V3 domains iii. standard wire formats that represent equivalent concepts in a consistent way across versions (i.e. supporting wire format stability) iv. XML Schema that reflect standard decisions with respect to optimized implementation design (e.g. implementation use cases may indicate that some classes in the Serialization Model should be ‘flattened’ or otherwise streamlined for greater message or document processing efficiency) v. XML Schema that support human readability in terms of clarity of expression 2. Graphics of Serialization Models that are i. understandable to UML-aware implementers ii. understandable to user domain experts 3. Serialization Models that are machine-readable to commercially-available XML and UML tools.

Other Approvals

The TSC approved the updates to projects that are now ready to go to Normative ballot for: HL7 Version 3 Standard: Regulated Studies; CDISC Content to Message - Study Participation, Release 1 at Project Insight #205 for RCRIM of DESD. Common Terminology Services – Release 2 (CTS 2) - Normative for Vocabulary WG of FTSD at Project Insight #324 Abstract Transport Specification for InM and cosponsored by ITS of FTSD at Project Insight #883

How to find TSC information

The TSC wiki site houses its minutes, process documents, templates, links to the ArB wiki and the TSC Issue Tracker, a list of current projects, and more. You can access the TSC wiki at: http://www.hl7.org/permalink/?TSCWiki. See the links below for instructions on how to view the list of projects and access the TSC Issue Tracker.

- TSC Tracker: link to http://gforge.hl7.org/gf/project/tsc/tracker/?action=TrackerItemBrowse&tracker_id=313
- Project Insight Searchable Database: link to http://www.hl7.org/permalink/?searchableProjectIndex
- Project List on GForge: link to http://gforge.hl7.org/gf/project/tsc/frs/?action=FrsReleaseBrowse&frs_package_id=98
- Project Insight: link to http://www.hl7.org/permalink/?ProjectInsight, (requires PMO-assigned log in credentials)
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