Health Level Seven®, International  
Technical Steering Committee Working Group Project Updates

HL7 Working Group Updates from the TSC for the week of July 28, 2014

Project Approvals

CDA Implementation Guide for Ambulatory Healthcare Provider Reporting to Central Cancer Registries  
for PHER WG of DESD cosponsored by CQI of DESD and SDWG at Project Insight # 1069

Arden Syntax for Medical Logic Systems v3.0 for Arden Syntax WG of SSD SD at Project Insight # 1118 and  
TSC Tracker 3390. Arden Syntax v3.0 will be an updated, non-backward-compatible successor to Arden  
Syntax v2.10 in the universal realm. The primary change in v3.0 over v2.10 will be incorporation of a  
standard data model for external data mappings in order to address the “curly braces” problem.

HL7 V2.8.2 for OO WG of SSD SD cosponsored by V2 Publishing, InM, and Vocabulary WGs at Project Insight  
1133 and TSC Tracker 3391. The scope of the updates include those enhancements to support  
regulatory initiatives that require the standard or the implementation guides using the standard to be  
updated to enable proper reference to either the implementation guide(s) or standard.

Healthcare and Community Services Provider Directory [Known as Services Directory (ServD) in the  
Object Management Group (OMG)] for PAWG of SSD SD cosponsored by SOA WG of FTSD at Project  
Insight ID # 1121 and TSC Tracker 3389. This project seeks to update the service directory specification  
(Service Functional Model - SFM) to be consistent with the Technical Specification that was created as a  
result of the Healthcare Services Specification Project. Lessons learned from existing implementations  
will be incorporated into the updated specification and will also harmonize with the relevant FHIR  
resources. (such as Organization, Location, Practitioner and Healthcare Service) as a normative ballot in  
2015Jan.

Decision Support Service Implementation Guide, DSTU Updates for CDS WG of SSD SD cosponsored by  
SOA of FTSD at Project Insight 1109/1018, intends to ballot normative in 2015 Sep. A Decision Support  
Service takes in patient data as the input and provides back patient-specific assessments and  
recommendations. A Decision Support Service facilitates the implementation of clinical decision support  
capabilities in a scalable manner. This work effort will encompass the creation of an Implementation  
Guide for Decision Support Services, also known as CDS Guidance Services, which will be informed in  
part by the requirements developed as part of the Standards and Interoperability Framework’s Health  
eDecisions and Clinical Quality Framework Initiatives. To the extent possible, this project will leverage  
and harmonize existing standards such as Decision Support Service (DSS), Virtual Medical Record  
(vMR), Consolidated Clinical Document Architecture (CCDA), Simple Object Access Protocol (SOAP),  
and Representational State Transfer (REST).

Following initial publication of the DSTU, the DSTU update process will be used to update the DSTU in situations (i) allowed by the HL7 Technical Steering Committee’s guidance on DSTU updates and (ii) approved by the sponsoring Work Groups. In particular, the primary DSTU updates will be to reference updated versions of the underlying data model and its physical over-the-wire manifestation, which is expected to be FHIR. Specifically, the data model will be updated from the use of the vMR to the use of a data model harmonizing the vMR with the Quality Data Model. Also, the Implementation Guide will be updated to enumerate profiles for specific DSS input/output requirements related to high-value DSS use cases (e.g., for vaccination decision support). Per guidance from the HL7 Technical Steering Committee, this release of the specification will be balloted as a US Realm specification. It is anticipated that future releases of the specification may be balloted in the Universal Realm.

Structured Data Capture (SDC) FHIR Profile for OO of SSD SD cosponsored by Vocabulary, Patient Care, CG,  
CIC WGs at Project Insight 1104 aims to create a new DataElement resource, update as needed the  
Questionnaire and QuestionnaireAnswer resources, and create an implementation guide on the use of
Fast Healthcare Interoperability Resources (FHIR) Profile(s) for Structured Data Capture (SDC) on the new DataElement resource and on the existing Questionnaire and QuestionnaireAnswers resources.

**Clinical Quality Expression Language** for CDS of SSD SD cosponsored by CQI of DESD at Project Insight #1108. This project seeks to define a common expression language for clinical quality drawing on the requirements of the Quality Data Model (QDM), Health Quality Measure Format (HQMF), Clinical Decision Support Knowledge Artifact Specification (CDS KAS), and the conceptual requirements established in Health Quality Reasoning and Expression Logic specification. Project Intends to ballot DSTU in 2014Sep.

**Positioning Security Risk Analysis standard within HL7** for Project Services WG of T3SD at Project Insight #1131. This project will resolve potential security issues with implementable and/or executable artifacts produced by HL7 by early identification during the project scope definition and verifying security assessment is performed prior to publication. Updates to the project artifacts in subsequent projects may not require a new risk assessment with each updated publication, but an umbrella assessment for the standard or for a product family may be required.

**Other Approvals**

**Publication Requests**

**DSTU Update Publication request for HL7 Version 3 Standard: Representation of the Health Quality Measure Format (eMeasure) DSTU, Release 2.1** for CQI of DESD at Project Insight # 508 and TSC Tracker #3338. Main changes: - Addition of new types of related document and - Change of data type for value of the ITMCNT measure attribute.

**Ballot Withdrawal request**

**HL7 Version 3 Standard: Clinical Genomics CMETs, Release 10** at Project Insight 196 and TSC Tracker 3393 for Clinical Genomics WG of SSD SD balloted Normative 2 in 2010Jan. CMET changes identified after Release 9 (which became part of ANSI-adopted CMETs R3) were balloted but never adopted. Withdrawing this ballot endorses the ANSI release. Further Clinical Genomics CMET enhancements will be balloted under a new project when needed. See withdrawal request at ANSI_proposal_withdrawal.CG_CMETR10.doc.

**WG Dissolution Request**

**Tooling WG of T3SD** requests dissolution and merger with **Electronic Services and Tools WG**. See full request at ToolingWork Group Dissolution20140714.doc.

**Mission and Charter Statement** approved for Structure and Semantic Design Steering Division

**Deadlines coming up to the 2014September Plenary and WGM:**

- 2014-07-27 Reconciliation deadline for ballot in 2014Sep, send notice to voters, and submit publication requests when ballots completed
- 2014-08-08 Ballot opens; Ballot pool signup closes BEFORE THE BALLOT OPENS
- 2014-08-29 Deadline to request presentation at the cochairs dinner/meeting and provide draft presentation

**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)
• Project Insight: link to http://www.hl7.org/permalink/?ProjectInsight, (requires PMO-assigned log in credentials)