Approved Projects

*HL7 Implementation Guide for CDA R2 -- Supplement to the Consolidated CDA R2 for Additional Attachment Templates, Release 1* at Project Insight #1048 for Attachments WG of DESD cosponsored by Structured Documents of SSD SD. This US Realm project has an objective to ballot DSTU in the 2014 January cycle.

This project will define an Implementation Guide for Additional Attachment Templates that is limited to the following:

- Creating new document templates to accommodate all relevant documentation required to describe the “complete encounter” necessary to meet CMS and other payer requirements where all documentation must be created and signed at the time of service (in particular prior to billing). This requires that all current Consolidated CDA R2 (C-CDAR2) sections relevant to the encounter type SHALL be “required” in the document.
- Applying specific null flavors for situations where the EHR does not collect the information required for a specific section.
- Applying specific null flavors for situations where the information required for a specific section is not collected for a particular encounter.
- Defining specific section(s) and entry templates to include all completed and in process orders – to the extent they are not already specified in the current C-CDAR2. These orders are required for documentation of provider authorization of the respective services. Examples include the actual completed or in-process order for laboratory testing or the order for durable medical equipment. Note: these do not include orders a part of a plan of care that are not completed or currently in process (e.g. ordered, but not yet fulfilled)
- Defining specific section and entry templates to convey XML tagged data captured and stored in the EHR by Structured Data Capture templates that will be used by CMS and other payers to facilitate provider document of medical necessity for specific procedures and services.

*Harmonization of Health Quality Artifact Reasoning and Expression Logic* at Project Insight 1049 and TSC Tracker 2778 for CDS of SSD SD cosponsored by CQI and SDWG. The project expresses ballot objective in January 2014 as a US-Realm specific Informative ballot. Overall, this project will focus on four phases:

- Defining a harmonized conceptual description of Expression Logic for Health Quality Artifacts, both Quality Measures and Clinical Decision Support.
- Building a logical model, informed by the conceptual description (created in #1), for representing expression logic for Health Quality Artifacts.
- Realizing a platform-specific implementation of the logical model (created in #2).
- Proposed Coordination with existing specifications:
  - HQMF R2 – Modularization of the HQMF format to reference the data model components of the specification. This will involve extraction of the data model as currently specified within HQMF so that the data model to be used can be specified by reference, rather than directly as part of the HQMF schema. HQMF R2 – Modification of the expression logic components of HQMF to reference the common expression logic components (created in #3). HeD – Changes to the Knowledge Artifact Implementation Guide to reference the expression logic components (created in #3).
  - QRDA – Modularization of the QRDA formats to allow reference to a data model, in this case the HQMF-specific data model (created in #4a).
Virtual Medical Record for Clinical Decision Support (vMR-CDS) Logical Model, Release 2 DSTU at Project Insight 1017. This UV Realm Project Scope has an objective to ballot DSTU in 2014Jan. The scope of this project is to update Release 2 of the Virtual Medical Record (vMR) for Clinical Decision Support (CDS) Logical Model and to ballot it as a DSTU. Provided below is an overview of the vMR and vMR Logical Model.

The vMR is a data model for representing the data that are analyzed and/or produced by CDS engines. The term vMR has historically been used in the CDS community to refer to a simplified representation of the clinical record that is suitable and safe for a CDS knowledge engineer to directly manipulate in order to derive patient-specific assessments and recommendations. Historically, the challenge has been that different organizations used different vMRS. As a consequence, CDS resources (e.g., decision rules) written against one vMR could not be directly re-used by a different organization. This has been a significant problem, because the development of CDS resources is oftentimes an expensive and time-consuming endeavor. The purpose of the vMR effort is to define a standard vMR that can be used across CDS implementations. Moreover, due to the intended use of the vMR, a primary goal is simple and intuitive representation of data that is easy and safe for a typical CDS knowledge engineer to understand, use, and implement.

This specification defines a logical model of the vMR using the Unified Modeling Language (UML). The vMR Logical Model can be further constrained through vMR templates. Furthermore, physical models derived from the logical model are defined through additional specifications.

Virtual Medical Record for Clinical Decision Support (vMR-CDS) Templates, Release 1 DSTU at Project Insight # 1030 and TSC Tracker #2780 for CDS of SSD SD cosponsored by Templates. This US Realm project scope has a DSTU ballot objective in 2014Jan. The scope of this project is to update Release 1 of the Virtual Medical Record (vMR) for Clinical Decision Support (CDS) Templates and to ballot it as a DSTU. Overview of the vMR and vMR templates: The vMR is a data model for representing the data that are analyzed and/or produced by CDS engines. The term vMR has historically been used in the CDS community to refer to a simplified representation of the clinical record that is suitable and safe for a CDS knowledge engineer to directly manipulate in order to derive patient-specific assessments and recommendations. Historically, the challenge has been that different organizations used different vMRS. As a consequence, CDS resources (e.g., decision rules) written against one vMR could not be directly re-used by a different organization. This has been a significant problem, because the development of CDS resources is oftentimes an expensive and time-consuming endeavor. The purpose of the vMR effort is to define a standard vMR that can be used across CDS implementations. Moreover, due to the intended use of the vMR, a primary goal is simple and intuitive representation of data that is easy and safe for a typical CDS knowledge engineer to understand, use, and implement. vMR templates that constrain the base vMR model to facilitate semantic interoperability, similar to how Consolidated Clinical Document Architecture (C-CDA) templates constrain the base CDA model. The vMR templates are informed by the templates defined for the C-CDA and Quality Reporting Document Architecture (QRDA) standards.

Approved Publications

HL7 Version 3 Specification: Data Elements for Emergency Department Systems (DEEDS), Release 1 - US Realm, at Project Insight # 820 for Emergency Care of DESD balloted 2013May requests publication as an informative document and registration with ANSI as a Technical Report. This document expands the scope and updates the original Center for Disease Control Data Elements for Emergency Department Systems. This comprehensive set of data elements will serve as the content for the interchange formats described above and as a basis for smooth integration between emergency response systems.
HL7 Implementation Guide for CDA, Release 2: Clinical Oncology Treatment Plan and Summary, DSTU Release 1 at Project Insight # 921 for SDWG of SSD SD (ballot name: HL7 Implementation Guide for CDA® Release 2: Clinical Oncology Patient Transfer Summary, Release 1 - US Realm) requests publication as DSTU for 24 months. This project developed a high-priority set of clinical oncology templates for CDA. This document describes constraints on the CDA R2 header and body elements for the Clinical Oncology Treatment Plan and Summary document in the US Realm. The CDA document communicates a basic set of patient oncology-related information, including health status and treatment plans. It is utilized by health care providers as a summary of plan and treatment received at the time the record was created. It may not contain all the details to provide care, as it is not intended to be used when a patient is discharged or transferred from one facility to another, or to contain detailed specialty-specific information.

Other Approvals

The TSC voted to create a cross-product-family task force to address consistency in GS1 UDI conceptual approaches.

Withdrawal Request

HL7 Version 3 Standard: Orders; Substances CMETs, Release 10 is requested for withdrawal by OO of SSD SD, cosponsored by Pharmacy, RCRIM and PHER of DESD at Project Insight 626. Last balloted 2010 May, The normative Common Product Model balloted May 2013 includes all the relevant Substance data, so there is no need for a separate project to complete further work.

Announcements:

- FTSD has approved an interim co-chair to replace Tony - welcome Paul Knapp and congratulations!
- FTSD has approved an updated M&C for RIMBAA changing their name to Application Implementation and Design (AID)- congratulations!
- SSD SD has approved an updated M&C for II - congratulations!
- SSD SD has approved an updated M&C for OO - congratulations!
- DESD has approved an updated M&C for Health Care Devices (DEV) - congratulations

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)