**Publication Request of HL7 Standards Material**



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| --- | --- | --- | --- | --- |
| Standards Material/Document - check one: | | | | |
|  | Normative |  | DSTU | |
| X | Informative |  | Errata | |
|  | | | | |
| If you checked DSTU above, please indicate: | | | | |
| Is this a DSTU Extension? | | | |  |
| Is this an Unballoted DSTU Update | | | |  |

Please use this form to submit the request to the TSC.

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| Date of this request: | 2014-10-20 |
| HL7 Work Group making this request and date /URL of approval minutes: | Clinical Quality Information. Approved for publication on Oct 03 2014. Approved publication request on Oct 17 2014.  http://www.hl7.org/Special/committees/cqi/minutes.cfm |
| Balloted Name of the standard for which request is being made: | HL7 Domain Analysis Model: Health Quality Improvement, Release 1 |
| Publication Name requested: | HL7 Domain Analysis Model: Health Quality Improvement, Release 1 |
| If CMET, list IDs balloted: | *COCT\_MTxxxxxx* |

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| URL of Project Scope Statement or Project Insight Number: | 1045 |

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| Document Realm: |  |
| Ballot cycle in which the document was successfully balloted: | 2014-05 |

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| Results of that ballot (following reconciliation activities):  *(not needed for errata, DSTU extension, or unballoted DSTU update)* | | | |
| Vote | Number | Vote | Number |
|  |  |  |  |
| Affirmative | 49 | Not Returned | 22 |
| Negative | 5 | Total in ballot pool | 124 |
| Abstentions | 48 | Needed for Passage | 33 |

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| Date on which final document/standards material was supplied to HQ | | 2014-10-17 |
| URL of publication material/ SVN repository and publishing facilitator: | http://www.hl7.org/documentcenter/public/wg/cqi/QIDAMr1.zip | |
| Special Publication Instructions: | Please make formatting edits (e.g., to cover page) as appropriate and provide an opportunity for Aziz Boxwala (aziz.boxwala@meliorix.com) to review edits prior to publication. | |

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| If DSTU Update: What review process was followed and when was it approved by WG? (peer review, wiki, comment ballot) |  |
| If DSTU Extension: reason for extension, timeline, and actions according to [GOM](http://www.hl7.org/permalink/?GOM) 13.02.06.02, Extending the Trial Use Period |  |

*(not needed for DSTU extension or errata)*

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| URL of ballot reconciliation document: | http://www.hl7.org/documentcenter/public/ballots/2014MAY/reconciliation/recon\_dam\_hqual\_r1\_i2\_2014may.xls |

*(not needed for DSTU extension or errata)*

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| Has the Work Group posted its consideration of all comments received in its reconciliation | | | | |
| document on the ballot desktop? | X | Yes |  | No |
| Substantive Changes Since Last Ballot? | X | Yes |  | No |

*(not needed for DSTU extension or errata)*

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| Cross Artifact Consistency - for RIM-Based Standards (not Implementation Guides), check all that apply: | |
|  | Standard uses CMETs from HL7-managed CMETs in COCT, POCP (Common Product) and other domains |
|  | Standard uses harmonized design patterns (as defined through RIM Pattern harmonization process) |
|  | Standard is consistent with common Domain Models including but not limited to Clinical Statement, Common Product Model and "TermInfo" |

For DSTU:

Number of months the Work Group wishes to have the document published as a DSTU:  
\_\_\_12 months (maximum for extension) \_\_\_18 months \_\_\_24 months

**Note:** In accordance with §13.02.05 of the [Governance and Operations Manual](http://www.hl7.org/permalink/?GOM)—Draft Standard for Trial Use (DSTU)— Upon approval the proposed draft standard, with the concurrence of the TSC, shall be released for publication as a DSTU. The document will then be posted to: <http://www.hl7.org/dstucomments/index.cfm>. There is a database here for early adopters to enter comments/corrections/suggestions.

For Informative:

Does the Work Group or TSC wish to register this document with ANSI as a Technical Report?

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| --- | --- | --- | --- |
|  | Yes | X | No |
| Justification for registration with ANSI: | | | | | |  |

**Note:** In accordance with §13.01.05 of the GOM, informative documents, once approved, require the concurrence of the TSC to be released for publication. While registering the document with ANSI does not infer any status on the document, it does ensure notification of the availability of the informative documents to a broad audience. It also requires reaffirmation after 5 years.

Please provide the following information for the publication of the product brief:

**Family**: (select one)

* ~~Arden~~
* ~~CCOW~~
* ~~CDA~~
* ~~Education~~
* ~~EHR~~
* ~~V2~~
* **V3**

**Section**: (select those that are applicable:)

* **Clinical and Administrative Domains**
* ~~EHR Profiles~~
* ~~Implementation Guides~~
* ~~Rules and References~~
* ~~Education and Awareness~~

**Category**: (select those that are applicable:)

| *e.g. briefs under Clinical and Administrative Domains* | *e.g. briefs under Rules and References* |
| --- | --- |
| Cardiology | CCOW |
| Care Provision | Data Types |
| Clinical Genomics | **X Decision Support** |
| Clinical Statement | Encoding Syntax |
| Community-Based Health | Methodology Specifications |
| **X Decision Support** | Security and Privacy |
| **X Domain Analysis Model** | Services |
| Financial Management | Specification Errata |
| Functional Profile | Standard Reference Materials |
| HHSFR | Structures |
| Laboratory | Terminology |
| Materials Management | Transport Specifications |
| Medical Records |  |
| Patient Administration |  |
| Patient Care |  |
| Patient Referral |  |
| Personnel Management |  |
| Pharmacy |  |
| Public Health |  |
| Regulated Products |  |
| Regulated Studies |  |
| Scheduling |  |
| Services |  |
| SPL |  |
| **X** Other: (Please describe)  **Clinical Quality Information** | Other: (Please describe) |

**Parent standard**: (e.g. the standard to which an implementation guide applies)

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**Update/replace standard**: (e.g. is this a DSTU update, or is there an R1 specification which an R2 publication updates or replaces) – Please specify if this publication has a replacement, supplemental or addendum relationship to a prior standard or DSTU:

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**Common name/search keyword**: Please specify if the publication is known by a common name internally to the Work Group or a specific search term/acronym should be provided to help users find the product.

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| Common Names/Aliases: QIDAM |
| Search Keywords: QIDAM, QUICK, QDM, Clinical Quality, CDS, Health |

**Description**: This is typically a short paragraph summarizing the use and intent of the standard, such as would be found in an overview paragraph in the published specification.

This specification defines a conceptual model for health data for use in the health quality domain. It harmonizes the requirements for patient data use in quality measurement and clinical decision-support enabling a single model to be used in both aspects of quality improvement. This model will facilitate the development of unified knowledge representation standards such as structured formats for quality measures and clinical decision-support knowledge artifacts.

**Targets**: These are categories of potential users, implementers, or other interested parties such as those that are indicated on the Project Scope Statement under “Stakeholders/Vendors/Providers”. Select those that are applicable, or suggest others:

| **Stakeholders** | **Vendors** | **Providers** |
| --- | --- | --- |
| Clinical and Public Health Laboratories | Pharmaceutical | Clinical and Public Health Laboratories |
| Immunization Registries | EHR, PHR | Emergency Services |
| Quality Reporting Agencies | Equipment | Local and State Departments of Health |
| Regulatory Agency | Health Care IT | Medical Imaging Service |
| Standards Development Organizations (SDOs) | Clinical Decision Support Systems | Healthcare Institutions (hospitals, long term care, home care, mental health) |
| Payors | Lab | Other (specify in text box below) |
| Other (specify in text box below) | HIS | N/A |
| N/A | Other (specify below) |  |
| Different kinds of registries, measure developers | N/A |  |

**Benefits**: This section will describe the benefits the standard or its implementation provides to healthcare, information technology, interoperability and the like. This section is often difficult to compose and will require careful editing by the review group(s). Please create phrases such as

* Defines common conceptual requirements for the representation of health data for the quality improvement domain, i.e., in quality measurement and clinical decision support.
* Enables harmonization of the different standards currently in use to represent and reason about data within clinical decision-support knowledge artifacts and clinical quality measures.

**Implementations/Case Studies**: This section would identify the known implementers of the standard, production or DSTU implementers, or any known adopters of the specification. Agencies or other organizations that sponsored the development of the specification could be listed here.

Office of the National Coordinator for Health Information Technology

**Development Background**: This section may be used for additional important information beyond the short summary in the Description, such as would be found in an Introduction section, in the published specification.

This specification, the Health Quality Improvement Domain Analysis Model (QIDAM), is a conceptual data model that can be used as the basis for a logical data model for the health quality improvement domain. The QIDAM identifies the requirements for the logical model and, in particular, the types of elements needed in the model. More broadly, the primary purpose of the logical model derived from the QIDAM is to serve as a model of clinical data within data mapping expressions, logical criteria, population criteria, formulae, and other expressions in health quality improvement artifacts. The QIDAM thus provides the foundation for consistency in format across eCQMs and CDS artifacts.

The QIDAM harmonizes the elements from the existing eCQM and CDS data models into a single, unified conceptual model. This model can be mapped onto existing logical models while defining the structure and domain concepts required by eCQMs and CDS artifacts.

**Reviewed By, and Date**: (i.e. the group or individuals endorsing this product brief information and the date the endorsement was approved)

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| CQI Workgroup 2014-10-17 |

Email this Request to [lynn@hl7.org](mailto:lynn@hl7.org).