HL7 Announcement of Additional Ballot Openings for 2021May Ballot Cycle

April 16, 2021

Health Level Seven International® invites you to take part in the balloting of HL7 candidate standards and documents for the May 2021 ballot cycle.

The candidate standards and other documents described in this announcement are balloting prior to HL7's virtual 2021 May Working Group Meeting (WGM). Comments received from consensus group members will be addressed at Work Group teleconferences.

Ballot Period Open/Close Dates

Voting for consensus group members in most ballots in this document will open and close on the following dates. Exceptions for a specific ballot are listed with that ballot description.

Ballot Open Date: Friday, Friday, April 16, 2021

Ballot Close Date: Monday, May 17, 2021

Consensus Group Enrollment Period

Consensus Group Enrollment Period is now closed

Important Note: Consensus group signup closes when ballot voting begins.

Changes from the initial announcement are identified in the Update to Ballot Announcement for May 2021 Ballot Cycle document released when this ballot cycle opens.

All those engaged in balloting should be informed that any subsequent ballot of material previously balloted at the normative level will supersede all previous ballots. Any votes or comments from previous ballots will not count towards the new normative ballot; for any comments to be considered again, voters will need to cast a new ballot with comments.

Selected Consensus Groups Conducting Balloting in Jira

HL7 International is piloting the use of Jira for voting and commenting on 5 additional specifications included in the May 2021 Ballot Cycle:

- HL7 FHIR® Release 5
- HL7 FHIR IG: SMART Application Launch Framework, Release 2
- HL7 FHIR Implementation Guide: Bulk Data, Release 2
- HL7 Logical Model: Standardized Terminology Knowledgebase, Release 1
- HL7/NCPDP Informative Document: Standardized Medication Profile, Release 1

You will create and vote on issues in the Jira Specification Project appropriate for the specification and NOT in the Ballot Desktop. For FHIR and related Implementation Guides, use https://jira.hl7.org/projects/FHIR/issues and for the other two specifications, use https://jira.hl7.org/projects/OTHER/issues.

Question and Answer sessions will be held on the following days:

May 3rd, 12:00 pm to 1:00 pm US ET - Register in advance for this meeting:
- https://hl7-org.zoom.us/meeting/register/tJEsc-CvqTMtEtzd9UgEzV0LSc1zFw9DO-Bi

May 4th, 5:00 pm to 6:00 pm US ET - Register in advance for this meeting:
- https://hl7-org.zoom.us/meeting/register/tJEudO6hqz4vE91IgYH87huTPT2n9H1Wu4Xl

May 11th, 12:00 pm to 1:00 pm US ET Register in advance for this meeting:
- https://hl7-org.zoom.us/meeting/register/tJUqd--srD0iGtRuRfBi8xBu9o_4nanGtgkN

May 11th, 5:00 pm to 6:00 pm US ET - Register in advance for this meeting:
- https://hl7-org.zoom.us/meeting/register/tJcpcu6prTIuHdUhe-TkHZCVEvHUy8h_Xi_N

After registering, you will receive a confirmation email containing information about joining the meeting.

We encourage you to review the recorded webinar "Jira Balloting – Navigating the process" in preparation for balloting and to attend one of the Q&A sessions.

As the process for voting has changed, we strongly suggest that you to vote early and not wait until the last minute. The import of ballot comment spreadsheets **IS** the responsibility of the voter and may take some time to complete depending on the quality of the information in the spreadsheet.

If you have any questions or comments about the process, please add them to the Jira Balloting Pilot Comments page in Confluence. If you have questions as you are submitting your comments and vote, please ask it on the Jira/Confluence stream on Zulip.

Ballot Listing

The grid below provides the name of the sponsoring Work Group(s) announcing the ballot opening for the ballot listed.

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
Clinical Decision Support	1677	Reaffirmation of HL7 Version 3 Standard: GELLO; A Common Expression Language, Release 2	V3	1st Normative Ballot	GELLO is a class-based, object-oriented expression language based on the Object Management Group's (OMG) Object Constraint Language (OCL) used for expressing decision support logic in rules, alerts, reminders, and recommendations. This is a reaffirmation ballot of the stable normative GELLO standard.		REAFF_V3_GELLO_R2_N1_2021MAY
Clinical Genomics	1217	HL7 FHIR® Implementation Guide: Clinical Genomics, Release 1	FHIR	3rd STU Ballot	Genomics is a rapidly evolving area of healthcare that involves complex data structures. There is significant value in sharing this information in a way that is consistent, computable and that can accommodate ongoing evolution of medical science and practice. The implementation guide is also transmission protocol-independent - the data structures presented here could be used in RESTful, messaging, document or other paradigms.	Since the last ballot of this material in 2019JAN , the following changes have been made: Provides Increased textual guidance and example instances based on community effort and feedback, particularly on the “Variant” and “Region Studied” profiles; Reduces the number of defined “Implication” Observation profiles from 11 down to 3, aligning pharmacogenomic and cancer use cases; Removes some of the least-used components on the “variant” Observation profile. Provides an OperationDefinition for “$find-subject-variants”, a standardized way to query and	FHIR_IG_CG_R1_D3_2021MAY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
						retrieve a subject's known variants with precise breakpoints in a specified region.	
Clinical Interoperability Council	1509	HL7 FHIR® Implementation Guide: Minimal Common Oncology Data Elements (mCODE), Release 1 - US Realm	FHIR	2nd STU Ballot	This project will develop a common set of standardized data elements relevant to many types of cancer. It is intended to facilitate collection of "real world data" from clinical encounters with higher uniformity and quality, independent of the provider or EHR vendor.	Since the last ballot of this material in 2019SEP, the following changes have been made: Changes of significance: medication resources, radiotherapy, tumor size, comorbidities. New extended example, new conformance criteria.	FHIR_IG_MCODE_R1_D2_2021MAY
Clinical Interoperability Council	1666	Reaffirmation of HL7 Version 3 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 2 - US Realm	CDA	1st Normative Ballot	This CDA implementation guide, based on the EMS DAM, provides a standardized channel for the submission of emergency medical service data to emergency departments and hospitals and supports re-use of information assets for both efficiency and quality by adopting the clinically validated National EMS Information System to use the CDA information model for their NEMSIS 3.4 product.		REAFF_CDAR2IG_EMSPCR_R2_N1_2021MAY
Clinical Quality Information	1499	HL7 FHIR® Implementation Guide: Quality Measures,	FHIR	3rd STU Ballot	The Fast Healthcare Interoperability Resource (FHIR) Quality Measure Implementation Guide (this IG) describes an approach to representing electronic Clinical Quality Measures (eCQMs)	Since the last ballot of this material in 2020FEB , the following changes have been made: In addition to general corrections and improvements throughout, this update introduces support for:	FHIR_IG_QM_R1_D3_2021MAY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
		Release 1- US Realm			using the FHIR Clinical Reasoning Module and Clinical Quality Language (CQL) in the US Realm. However, this Implementation Guide can be usable for multiple use cases across domains, and much of the content is likely to be usable outside the US Realm.	* Computable/Publishable measure profiles * Composite measure specifications * Measure Terminology Service (use case requirements and CapabilityStatement) * Measure Repository Service (use case requirements and CapabilityStatement)	
Electronic Health Records	1667	Reaffirmation of HL7 EHR-S FM Release 1: Long Term Care Functional Profile (LTCFP), Release 1 - US Realm	EHR	1st Normative Ballot	The HL7 EHR Long-Term Care Functional Profile is based on HL7 EHR System Functional Model Release 1 and describes functional requirements for EHR Systems that serve Long Term and Post Acute Care Settings.		REAFF_EHR SFM_LTCFP _R1_N1_202 1MAY
FHIR Infrastructure	1497	HL7 FHIR® Implementation Guide: Bulk Data, Release 2	FHIR	2nd STU Ballot	This implementation guide is designed for developers of backend services (clients) and FHIR Resource servers (e.g., EHR systems, data warehouses, other administrative systems) that aim to interoperate by sharing large FHIR datasets. The guide defines the application programming interfaces (APIs) through which an authenticated and authorized client may request a bulk-data export from a server, receive status information on generation of the requested files, and retrieve these files.	Since the last ballot of this material in 2019MAY , the following changes have been made: Improvements to the IG include documentation on transmitting binary content in attachments; improvements to incremental update handling (retrieving historical data for new members of a group, propagating resource deletions); performance oriented enhancements (limiting fields returned using the _elements parameter, POST based kickoff requests with Parameters resource, addition of a patient parameter for filtering); improvements on handling metadata and other optional resources such as Provenance with the includeAssociatedData parameter; better	FHIR_IG_BU LKDATA_R2 _D2_2021M AY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
						export job management (clearer errors, cancellation, signaling download completion to servers); documentation clarifications (inclusion of resources outside of Patient Compartment, parameter optionality for servers). Full change log at http://build.fhir.org/ig/HL7/bulk-data/changes.html.	
FHIR Infrastructure	1341	HL7 FHIR® IG: SMART Application Launch Framework, Release 2	FHIR	2nd STU Ballot	SMART App Launch 2.0.0 defines a framework for launching user-facing applications in the context of a FHIR-enabled health data system (e.g., Electronic Health Record system, Patient Portal, or Beneficiary Portal). The framework provides options for context discovery (e.g., understanding which patient has been selected in the surrounding environment), fine-grained authorization (e.g., requesting access to specific resource types or specific categories of data), single-sign-on and UI integration.	Since the last ballot of this material in 2017SEP , the following changes have been made: SMART 2.0.0 includes enhancements and clarifications to the SMART App Launch specification. Proposed changes include: * clarification on launch context scopes for consistency * new scope syntax for granular permissions (e.g., category level access) * POST-based authorization to limit URL size * inclusion of PKCE to authorization requirements to support OAuth best practices * inclusion of asymmetric client authentication * profiling of token introspection for alignment with context scopes * guidance for permission requests and communicating them to end users * updates to .well-known/smart-configuration to support the enhancements above	HL7_FHIR_IG_SMART_APP_LAUNCH_R2_D2_2021MAY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
FHIR Management Group	891	HL7 FHIR® Release 5	FHIR	1st Comment-Only Ballot	This is a first look at the R5 release that will be formally balloted in September. We are seeking feedback around the proposed Normative scope to allow appropriate division of content between the ballots in the September cycle.	Since the last ballot of this material in 2018SEP, the following changes have been made: R5 will include a wide variety of updates and enhancements that will be explicitly detailed as part of the ballot release package.	FHIR_R5_O1_2021MAY
Infrastructure and Messaging	1669	Withdrawal of HL7 Clinical Context Management Specification (CCOW) Version 1.6	CCOW	1st Comment-Only Ballot	Aimed at facilitating the integration of applications at the point of use, CCOW Context Management Specification is a standard for both internal applications programming and runtime environment infrastructure that complements Health Level Seven International's traditional emphasis on data interchange and enterprise workflow. By synchronizing and coordinating applications to automatically follow the patient, user (and other) contexts, CCOW serves as the basis for ensuring secure and consistent ac		WITHDRAW_CCOW1.6_R1_O1_2021MAY
Pharmacy	1654	HL7 FHIR® Implementation Guide: NHSN Inpatient Medication COVID-19 Administration Reports, Release 1- US Realm	FHIR	1st STU Ballot	This IG supports electronic submission of patient/line-level medication administration data to the National Healthcare Safety Network (NHSN). The intent is to establish an electronic submission standard that is vendor-neutral, leverages existing workflows, and eliminates duplicate documentation. It will identify data elements to be used to describe medications administered to hospitalized patients (inpatients) diagnosed with COVID-19 as part of NHSN COVID-19 reporting pathways.		FHIR_IG_NHSN_MED_ADMIN_R1_D1_2021MAY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
Pharmacy	1529	HL7/NCPDP Informative Document: Standardized Medication Profile, Release 1	HL7	1st Informative Ballot	The White Paper identifies and defines the components of an interoperable medication profile. Harmonizing NCPDP and HL7 standards and projects related to the medication related information pertinent to Post-Acute Care settings especially during transitions of care to any practice setting.		HL7_STD_MED_PROFILE_R1_I1_2021MAY
Public Health	1655	HL7 FHIR® Implementation Guide: NHSN Adverse Drug Event - Hypoglycemia Report, Release 1- US Realm	FHIR	1st STU Ballot	This IG will support electronic submission of adverse drug event (ADE) data to the National Healthcare Safety Network (NHSN). The intent of this project is to establish an electronic submission standard that is vendor-neutral that leverages existing workflows and eliminates duplicate documentation. The first module of this project will develop the following IG: HL7 Implementation Guide for FHIR® Release 1: NHSN Adverse Drug Event-Hypoglycemia Report.		FHIR_IG_NHSN_ADE_HG_R1_D1_2021MAY
Security	1549	HL7 FHIR® Implementation Guide: Data Segmentation for Privacy (DS4P), Release 1	FHIR	2nd STU Ballot	Provides FHIR guidance for applying security labels with coded tags for use in access control systems governing the collection, access, use, and disclosure of the target FHIR Resource(s) as required by applicable organizational, jurisdictional, or personal "sharing with protection" policies.	Since the last ballot of this material in 2020MAY , the following changes have been made: Changes include updates and corrections to value sets, use in ABAC clearances, and guidance on Subresource labeling.	FHIR_IG_DS4P_R1_D2_2021MAY

Work Group	Project ID	Ballot Name	Family	Ballot Iteration	Ballot Description	Last Balloted	Unique Ballot ID
Security	1660	Reaffirmation of HL7 Version 3 Standard: Healthcare (Security and Privacy) Access Control Catalog, Release 3	V3	1st Normative Ballot	The Healthcare (Security and Privacy) Access Control Catalog extends the normative HL7 Role-based Access Control (RBAC) Permission Catalog standard. ABAC and ReBAC attributes further extends RBAC and allows this standard to function with balloted Security WG projects--HL7 Healthcare Classification System (HCS) and the HL7 Security Labeling Service (SLS).		REAFF_V3_HACC_R3_N1_2021MAY
Services Oriented Architecture	1647	Reaffirmation of HL7 Version 3 Standard: Common Terminology Services (CTS), Release 2	V3	1st Normative Ballot	Reaffirmation of existing Service Oriented Architecture (SOA) Platform Independent Model (PIM) for clinical terminology provision and management	Since the last ballot of this material in 2021JAN , the following changes have been made: This is being reballoted for reaffirmation as a Normative ballot due to changes in HL7 Essential Requirements.	REAFF_V3_CTSR2_N1_2021MAY
Vocabulary	1623	HL7 Logical Model: Standardized Terminology Knowledgebase, Release 1	HL7	1st Informative Ballot	Specifically, the scope includes: 1) Outlining how the standardized terminology knowledge base can support FHIR resource generation, perhaps closing gaps that are currently covered as extensions. 2) A gap analysis of CTS2 logical model, including an evaluation of why it may be considered a unsuccessful attempt to provide a single logical model, so that those pitfalls may be avoided with this attempt.		HL7_LM_TERM_KB_R1_I1_2021MAY

For more information on ballot procedure, such as general guidelines, and voting, see Ballot Procedures and Guidelines

NonMember Participation in HL7 Ballots Instructions.pdf

For Help, see Balloting Help