

# Marketplace Product Packaging and Metadata

[PSS Help and FAQs](#)

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1a. Project Name	Marketplace Product Packaging and Metadata
1b. Project ID	1608
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact being Reaffirmed or proceeding to Normative directly after being either Informative or STU?	No
1e. Today's Date	
1f. Name of standard being reaffirmed	
1g. Project Artifact Information	
1h. ISO/IEC Standard to Adopt	
1i. Does the standard include excerpted text from one or more ISO, IEC or ISO/IEC standards, but is not an identical or modified adoption?	
1j. Unit of Measure	
2a. Primary/Sponsor WG	Cross-Group Projects
2b. Co-Sponsor WG	Clinical Decision Support
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballotRequest periodic project updates; specify period in text box below (e.g. 'Monthly', 'At WGMs', etc.)Other Involvement. Specify details in text box below
2c. Co-Sponsor Involvement	Wants active involvement, at least for aspects relevant to CDS concerns.
2b. Co-Sponsor WG 2	Clinical Quality Information
2c. Co-Sponsor Level of Involvement	Request periodic project updates; specify period in text box below (e.g. 'Monthly', 'At WGMs', etc.)
2b. Co-Sponsor WG 3	Service Oriented Architecture
2d. Project Facilitator	Preston Lee
2e. Other Interested Parties (and roles)	

2f. Modeling Facilitator	
2g. Publishing Facilitator	
2h. Vocabulary Facilitator	
2i. Domain Expert Representative	Preston Lee, Bryn Rhodes
2j. Business Requirements Analyst	
2k. Conformance Facilitator	Bryn Rhodes
2l. Other Facilitators	
2m. Implementers	Logica Health, AHRQ
3a. Project Scope	<p>The project goal is to develop a metadata standard that can address how to exchange any standards-based app or clinical content package by any organization (e.g., IHE, HL7, Logica, etc.). Standard metadata modeling is significant to clinical decision support, clinical quality measures, clinical smart apps to manage information for orders, laboratory studies, imaging studies, social determinants of health, patient empowerment calculations, clinical observations, military history, clinical exposures to determine patient risk for disease or injury, insurance benefits, clinical trial candidates, etc. Possible metadata concepts include items such as author / steward of the content, date(s) applicable, inclusion criteria, exclusion criteria, references, supporting evidence, strength of evidence and recommendation, expected users, etc, with actual concepts to be developed as part of the project. As metadata elements need to address and accommodate resources owned and managed across HL7's product families, i.e. FHIR, CDA, V2, as well as resources that are found outside of the HL7 (i.e. BPM+), the project should be managed in Cross-Group Projects rather than a single area/domain. There is some existing work in CDS and CQI that will represent a good start and therefore, those WGs have signed on as co-sponsors, but to scope is to generalize those metadata for all concerns.</p> <p>The Logica/HL7 Health Services Marketplace Release 2 (the "Specification" under SOA) provides a vendor-agnostic API for publication, curation, discovery, and distribution of interoperable service implementations. It is design to be agnostic to programming language, development framework, database, and I/O technologies, as well as account for client-side applications that require on-site deployment, such as SMART-on-FHIR.</p> <p>This implementation guide defines the product metadata for products implementing several prominent or emerging HIT standards. That is, marketplace implementors intending to support curation and exchange of standardized product types should follow the guidance provided here to optimally support exchange of of product listings across implementations. Once implemented, marketplace operators should be able to:</p> <ul style="list-style-type: none"> <li>* Accept manual and automated product build submissions from developers compliant with the standards supported under this IG.</li> <li>* Post-product submission, provide:</li> <li>** Automated "smoke test"-level regression testing against standard-specific compliance validations.</li> <li>** Manual review by non-technical SMEs.</li> <li>* Allow users to search for relevant products based on standard- and artifact-specific metadata, such as via free text search.</li> </ul>
<b>Attachments</b>	
3b. Project Need	The Marketplace API STU does not define "product metadata" structures for asset submissions, as it is assumed the implementor will select schemas specific to and specialized for each supported standard relevant to the purpose of the implementation and content types.
3c. Security Risk	No
3d. External Drivers	
3e. Objectives/Deliverables and Target Dates	2020 May Connectathon 2020 September ballot cycle; will attempt to keep dates aligned with external stakeholder organizations and events such as AHRQ roadmap, HIMSS, MCBK etc.

3f. Common Names / Keywords / Aliases:	Marketplace Product Packaging and Metadata
3g. Lineage	
3h. Project Dependencies	HSP Marketplace 2 STU1 (under SOA WG) Collaboration with external communities concerns with computable HIT metadata structures.
3i. HL7-Managed Project Document Repository URL:	<a href="https://confluence.hl7.org/display/CGP/Marketplace+Product+Packaging+and+Metadata+Project+Page">https://confluence.hl7.org/display/CGP/Marketplace+Product+Packaging+and+Metadata+Project+Page</a>
3j. Backwards Compatibility	No
3k. Additional Backwards Compatibility Information (if applicable)	
3l. Using Current V3 Data Types?	Unknown
3l. Reason for not using current V3 data types?	Un
3m. External Vocabularies	Unknown
3n. List of Vocabularies	
3o. Earliest prior release and/or version to which the compatibility applies	
4a. Products	Guidance (e.g. Companion Guide, Cookbook, etc)
4b. For FHIR IGs and FHIR Profiles, what product version(s) will the profiles apply to?	
4c. FHIR Profiles Version	
4d. Please define your New Product Definition	
4d. Please define your New Product Family	
5a. Project Intent	Implementation Guide (IG) will be created/modified
5a. White Paper Type	
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Externally developed IG is to be (select one)	
5a. Specify external organization	
5a. Revising Current Standard Info	
5b. Project Ballot Type	STU to Normative
5c. Additional Ballot Info	

5d. Joint Copyright	Yes
5e. I understand I must submit a Joint Copyright Letter of Agreement to the TSC in order for the PSS to receive TSC approval.	Yes
6a. External Project Collaboration	Will be under the same Joint Project Plan and MOU with Logica Health as the Marketplace STU. Should not require changes to those agreements.
6b. Content Already Developed	No
6c. Content externally developed?	No
6d. List Developers of Externally Developed Content	
6e. Is this a hosted (externally funded) project?	Yes
6f. Stakeholders	Clinical and Public Health Laboratories, Regulatory Agency, Standards Development Organizations (SDOs), Payors, Other
6f. Other Stakeholders	
6g. Vendors	EHR, PHR, Health Care IT, HIS
6g. Other Vendors	
6h. Providers	Local and State Departments of Health, Healthcare Institutions (hospitals, long term care, home care, mental health)
6h. Other Providers	
6i. Realm	Universal
7d. US Realm Approval Date	
7a. Management Group(s) to Review PSS	
7b. Sponsoring WG Approval Date	Feb 20, 2020
7c. Co-Sponsor Approval Date	Feb 06, 2020
7c. Co-Sponsor 2 Approval Date	Feb 06, 2020
7c. Co-Sponsor 3 Approval Date	
7c. Co-Sponsor 4 Approval Date	
7c. Co-Sponsor 5 Approval Date	
7c. Co-Sponsor 6 Approval Date	
7c. Co-Sponsor 7 Approval Date	
7c. Co-Sponsor 8 Approval Date	
7c. Co-Sponsor 9 Approval Date	

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7c. Co-Sponsor 10 Approval Date

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7e. CDA MG Approval Date

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7f. FMG Approval Date

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7g. V2 MG Approval Date

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7h. Architecture Review Board Approval  
Date

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7i. Steering Division Approval Date                      Feb 25, 2020

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7j. TSC Approval Date    Mar 30, 2020

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