

SMART Web Messaging PSS

[PSS Help and FAQs](#)

[Comments](#)

1a. Project Name	SMART Web Messaging
1b. Project ID	1597
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	FHIR Infrastructure
2b. Co-Sponsor WG	Clinical Decision Support
2c. Co-Sponsor Level of Involvement	Request periodic project updates; specify period in text box below (e.g. 'Monthly', 'At WGMs', etc.)
2c. Co-Sponsor Update Periods	At WGMs and prior to ballot
2d. Project Facilitator	Carl Anderson
2e. Other Interested Parties (and roles)	Josh Mandel Brett Marquard
2f. Modeling Facilitator	
2g. Publishing Facilitator	
2h. Vocabulary Facilitator	

2i. Domain Expert Representative	
2j. Business Requirements Analyst	
2k. Conformance Facilitator	Josh Mandel
2l. Other Facilitators	Brett Marquard
2m. Implementers	Evidence Care T-Systems Cerner Epic
3a. Project Scope	SMART Web Messaging enables tight UI integration between EHRs and embedded SMART apps via HTML5's Web Messaging. Use SMART Web Messaging to push unsigned orders, note snippets, risk scores or UI suggestions directly to the clinician's EHR session. Built on the browser's javascript window.postMessage function, SMART Web Messaging is a simple, native API for health apps embedded within the user's workflow.
Attachments	
3b. Project Need	Within a clinical workflow system (such as an EHR), SMART apps can be launched automatically at specific points in the workflow, or on demand in response to a user interaction, including clicking on a suggestion from a CDS Hooks service. Once launched, a web app is typically embedded within a patient's chart and communicates with the EHR via RESTful FHIR APIs. These RESTful APIs are great for CRUD operations on a database, but don't enable tight workflow integration or access to draft FHIR resources that may only exist in memory on the EHR client.
3c. Security Risk	
3d. External Drivers	
3e. Objectives/Deliverables and Target Dates	Ballot the specification as STU in Sept 2020 Publish by Dec. 31, 2020
3f. Common Names / Keywords / Aliases:	
3g. Lineage	
3h. Project Dependencies	
3i. HL7-Managed Project Document Repository URL:	tbd
3j. Backwards Compatibility	No
3k. Additional Backwards Compatibility Information (if applicable)	
3l. Using Current V3 Data Types?	N/A
3l. Reason for not using current V3 data types?	
3m. External Vocabularies	
3n. List of Vocabularies	
3o. Earliest prior release and/or version to which the compatibility applies	

4a. Products	FHIR Implementation Guide, Guidance (e.g. Companion Guide, Cookbook, etc), New Product Definition
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	Create new standard, 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.	no
6a. External Project Collaboration	SMART, Argonaut
6b. Content Already Developed	75%
6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	SMART, Argonaut
6e. Is this a hosted (externally funded) project?	No
6f. Stakeholders	Standards Development Organizations (SDOs)
6f. Other Stakeholders	
6g. Vendors	EHR, PHR, Health Care IT
6g. Other Vendors	

6h. Providers	Medical Imaging Service, 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	FHIR
7b. Sponsoring WG Approval Date	Jan 13, 2020
7c. Co-Sponsor Approval Date	Jan 15, 2020
7c. Co-Sponsor 2 Approval Date	
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	
7c. Co-Sponsor 10 Approval Date	
7e. CDA MG Approval Date	
7f. FMG Approval Date	
7g. V2 MG Approval Date	
7h. Architecture Review Board Approval Date	
7i. Steering Division Approval Date	
7j. TSC Approval Date	

