Implementation Guides

**SMART App Authorization Guide**

The SMART App Launch Framework connects third-party applications to Electronic Health Record data, allowing apps to launch from inside or outside the user interface of an EHR system. The framework supports apps for use by clinicians, patients, and others via a PHR or Patient Portal or any FHIR system where a user can give permissions to launch an app. It provides a reliable, secure authorization protocol for a variety of app architectures, including apps that run on an end-user’s device as well as apps that run on a secure server.

The Launch Framework supports the four uses cases defined for Phase 1 of the Argonaut Project:

1. Patients apps that launch standalone
2. Patient apps that launch from a portal
3. Provider apps that launch standalone
4. Provider apps that launch from a portal

**Argonaut Data Query Implementation Guide Version 1.0.0**

The Argonaut Data Query Implementation Guide is based upon the core FHIR DSTU2 API and it documents the security and authorization and the querying of the ONC Common Clinical Data Set and static documents. This specification describes four use cases and sets search expectations for each. For complete details and background, see Use Cases for the Argonaut Project.

1. Patient uses provider-approved web application to access health data
2. Patient uses provider-approved mobile app to access health data
3. Clinician uses provider-approved web application to access health data
4. Clinician uses provider-approved mobile app to access health data

**Argonaut Provider Directory Implementation Guide (v 1.0.0)**

The Argonaut project Provider Directory guide is based upon the FHIR STU3 API and contains the foundation for a robust provider directory. It describes the use cases and search expectations for finding a practitioner or organization. It outlines the key data elements for any provider directory and basic query guidance. The components developed in this guide are intended to provide a foundation for a central or distributed Provider or Healthcare Directory. Additional work flow components and elements may be required for a particular implementation.

The requirements for the Argonaut Provider Directory data model were drawn from [E Healthcare Provider Directory] and the ONC Provider Directory Workshop.

**Use Cases**

1. Search for Practitioner by demographics
2. Search for Practitioner within a region (city, state)
3. Search for Organization and facility by:
4. Search for Practitioner by organizational relationships

**Git Repo for Argonaut Provider Directory Implementation Guide**

**Argonaut Scheduling Implementation Guide**

The Argonaut Scheduling Implementation Guide defines a series of interactions which cover the basic appointment creation workflow for patient based scheduling which includes: registration of patients and updating coverage information, discovery of available appointments and booking the canceling appointments. It also covers patient access to their appointments.

**For a detailed description of the use cases and workflow see the Patient Scheduling Use Cases page.**

**CDS Hooks Implementation Guide**

Leveraging the experience of the CDS hooks community to accelerate the maturation of CDS hooks for the industry, we have developed use cases, providing specific guidance and publish an implementation guide for deploying CDS hooks. This specification describes a “hook”-based pattern for invoking decision support from within a clinician’s workflow. The API supports:

- Synchronous, workflow-triggered CDS calls returning information and suggestions
- Launching a user-facing SMART app when CDS requires additional interaction

**Argonaut Questionnaire Implementation Guide**
The goal of the Argonaut Questionnaire Project was to develop guidance to support interchange of simple forms based on FHIR Version 3.0.1 and specifically the Questionnaire and QuestionnaireResponse resources. This implementation guide provides implementers with FHIR RESTful APIs and guidance to create, use and share between organizations standard assessment forms and the assessment responses

**Argonaut Clinical Notes Implementation Guide**

This implementation guide provides implementers with FHIR profiles and guidance to create, use, and share Clinical Notes. The requirements were developed by the Argonaut Clinical Notes project team and tested through pilot implementations, and HL7 sponsored Connectathons. This guide is based on FHIR Version 3.0.1 The content and profiles used in this guide were submitted to the HL7 US Realm Steering Committee for consideration in the December 2018 ballot of US Core for FHIR Version R4.

**Argonaut Subscriptions- Coming Soon!**

Updates coming!

**Argonaut CDS Hooks for PAMA- Coming Soon!**

Updates coming!

**Argonaut R4- Coming Soon!**

Updates coming!

**Argonaut Provenance - Coming Soon!**

Updates coming!