2019 Projects

The Argonaut 2019 Projects:

- R4 Updates
- Clinical Data Subscriptions
- Provenance
- SMART Web Messaging + CDS Hooks

Additional information, including links to current project materials and discussion, is provided below.

Argonaut R4

The Argonaut experience dictates robust implementation guides that require real implementation and testing. For this project, the Argonaut Data Query DSTU2 IG will be update to FHIR Version R4 with the goal of having consistency among implementers to meet the USCDI requirements. Includes adoption and testing of US Core R4 resources; adding Encounters and Clinical Notes and consideration of adding “write” capability for a subset of the resources. This guide will be based upon the core [FHIR R4 API](https://www.hl7.org/fhir) and [US Core Implementation Guide (CI Build)](https://github.com/smart-on-fhir/us.core)

- Updated US Core Implementation Guide published October 2019
- notes in Google Drive: [https://drive.google.com/drive/folders/1lr2OHmhdbu0pj5zKmDA_tdQdhiTzUJeV](https://drive.google.com/drive/folders/1lr2OHmhdbu0pj5zKmDA_tdQdhiTzUJeV)
- Offline discussions on Zulip
- Development of the guidance and FHIR artifacts will be hosted on [GitHub](https://github.com)
- Issues will be posted and managed on [GitHub Issues](https://github.com)
- Project SME: Brett Marquard

Clinical Data Subscriptions

Enables push use cases. The goal in 2019 is to create an Encounter Subscription guide that enables an authorized SMART on FHIR client application to register a long-term data subscription based on a specific patient id, and/or based on a specific practitioner id.

- Realtime chat on Zulip
- Spec development on [GitHub](https://github.com)
- Granular decisions via [GitHub Issues + PRs](https://github.com)
- Project SME: Josh Mandel
- Project SME: Eric Haas

Argonaut Provenance

The goal is consistent implementation of provenance to meet needs of end users, and subsequently USCDI v1.

- Offline discussions on Zulip
- Development of the guidance and FHIR artifacts will be hosted on [GitHub](https://github.com)
- Issues will be posted and managed on [GitHub Issues](https://github.com)
- Project SME: Brett Marquard

SMART Web Messaging + CDS Hooks (radiology ordering)

The goal in 2019 is to have a published, implementable SMART Web Messaging guide, a publicly deployed reference implementation and test the CDS hooks radiology use case with clients/servers.

- Draft [CDS Hooks for PAMA guidance](https://github.com/smart-on-fhir/smart-web-messaging)
- Draft [SMART Web Messaging](https://github.com/smart-on-fhir/smart-web-messaging)
  - Fall 2019: Test SMART web messaging with CDS hooks radiology use case Connectathon at HL7 September Working Group Meeting
  - Project SME: [Josh Mandel](https://github.com/smart-on-fhir/smart-web-messaging)
  - Project SME: [Brett Marquard](https://github.com/smart-on-fhir/smart-web-messaging)