

2020-02 FHIR Shorthand Track

Submitting WG/Project/Implementer Group: FHIR Infrastructure

Justification and Objectives

FHIR Shorthand (FSH) is a new, author-friendly language for defining the content of IGs, including profiles, extensions, value sets, examples, and search parameters. As a purpose-designed language, FSH is concise, easy to understand, and aligned to user intentions.

The track will allow participants are invited to bring their existing or in-progress implementation guide and try out FSH. Participants will learn more about FSH, help debug the reference implementation, and share suggestions for future development.

This track will use **what** version of FHIR?

R4

Clinical input requested (if any)

No

Related tracks

None

Proposed Track Lead

Mark Kramer, mkramer@mitre.org

Participants (actual)

Rick Geimer, Lantana

Sarah Gaunt, Lantana

David Hay

[Ward Weistra](#), Firely

Nick George, Google

Eric Haas

Natasha Singh, Childrens Hospital of Philadelphia

Hugo Leroux, CSIRO

Alejandro Metke, CSIRO

Michael Lawley, CSIRO

John Rhoads, Phillips Healthcare

John Moerke,

[Bob Milius](#), NMDP/CIBMTR

Andres Schuler, HL7 Austria

Reinhard Egelkraut, HL7 Austria

Vince McCauley

Track Orientation

Slides: [FHIR Shorthand Connectathon Orientation Slides.pptx](#)

(This is a single meeting ... but occurs on different days in different time zones)

Tuesday January 21, 5-6 pm Eastern US time (GMT-5)

Wednesday, January 22, 9-10 am, Sydney Daylight Time (GMT+11)

[Join Skype Meeting](#)

<https://meet.mitre.org/mkramer/OSM9YVQV>

System Roles

This track emphasizes modeling and profiling. The relevant role is "Implementation Guide Creator".

Scenarios

Scenario 1:

Action: IG Creator translates profiles from an existing IG into FHIR Shorthand, to create a more maintainable form of the IG.

Precondition: Existing IG to translate.

Success Criteria: Existing IG reproduced with source expressed as FHIR Shorthand.

Bonus point: Put FSH files until source code control. Profiles generated by FSH validated using FHIR validator.

Scenario 2:

Action: IG Creator creates profiles and examples for a new IG.

Precondition: Clinical information model to express as FHIR profiles.

Success Criteria: Draft version of IG produced.

Bonus point: Create examples for each profile.

TestScript(s)

The FHIR validator will be used to assure validity of produced profiles, extensions, and examples.

Security and Privacy Considerations

None.