HL7 FHIR Connectathon

Testing FHIR with Test Artifact (TestScript) Versioning utilizing a Proxy Server

Track Kick Off Call

Richard Ettema, Wendy Gereke
August 30, 2023
Track Kick Off Agenda

- Introduction to Track Leads
- Track Goals
- Track Description
- Track Roles, Preparation, and Participation
- Testing Tools
- Track Related Breakout
Track Leads

- **Richard Ettema**
  - Principal author of the FHIR TestScript resource specification
  - Lead Architect, AEGIS Touchstone
  - Industry-leading FHIR testing platform
  - HL7 FHIR-I workgroup member/active contributor
  - IG Publisher tooling contributor/committer

- **Wendy Gereke**
  - Product Manager, AEGIS Touchstone Platform
  - Consulting Manager, AEGIS Health IT division

- **Joe Lamy & Jeff Helman** supporting as available
Track Goals

• Discuss need for access to test cases, test plans, TestScripts and proxy based message exchange with FHIR servers to facilitate testing conformance and interoperable solutions

• Discuss necessity of & the approaches to incorporating test cases into the Implementation Guide authoring and publication process

• Discuss latest process-improvement advances
  – Recent TestScript resource improvements
  – Latest IG publishing improvements
  – Recent community innovations to increase testing interoperability
Track Description

• Review the track confluence page:
  https://confluence.hl7.org/display/FHIR/2023+-
  +09+Testing+FHIR+with+Test+Artifact+%28TestScript%29+Versioning+utilizing+a+Proxy+Server

• Testing Scenarios
  • FHIR clients and servers utilizing the Touchstone Proxy; the requestor and responder roles
Track Roles and Preparation

• Think about your FHIR implementation plans to deal with managing multiple versions of FHIR, FHIR IGs and underlying dependencies.

• Active engagement in this track will advance the community's thinking on version management.

• Bring your version-aware FHIR IG implementation.
Track Roles and Preparation

- Review discussion and recordings from FAST Testing and Versioning Confluence pages:
  https://confluence.hl7.org/display/FAST/Testing+and+Versioning

Track Participation

• All implementers and FHIR implementation stakeholders who want robust and resilient FHIR implementations

• Organizations attending
  – Drummond
  – ONC
  – Felleskatalogen AS
Track Related Breakouts

• Breakout rooms:
  https://docs.google.com/spreadsheets/d/1bVA7D1_6CsYP0TYLJZDYGe30DCL6OgovCFizvxPQG04/edit#gid=1208964431

• FHIR Testing (TestPlan & Test Cases) – Richard Ettema – Saturday 2:00 pm – Breakout room 1

• Testing Infrastructure (an Integrated Ecosystem) / Advanced Test Orchestration (Multi-Actor, Multi-Org) Conformance Testing across integrated Use Cases – Mario Hyland – Sunday 2:00 pm – Breakout room 2
Questions?

Track Lead contact info

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Track page:

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Zulip Stream: