FHIR at Scale Taskforce (FAST): Building the Framework for FHIR Infrastructure & Gaining Alignment in the FHIR Community
The FHIR at Scale Taskforce (FAST) is a representative community of motivated healthcare industry stakeholders and health information technology experts who have identified HL7® Fast Healthcare Interoperability Resources (FHIR®) scalability gaps and are actively working on solutions to address current barriers to enable scalable data exchange using FHIR APIs.

Oct 2017 – Payer + Provider (P2) FHIR Taskforce Established
Originally focused on Payer/Provider collaboration

2017
Analysis, Barrier identification, Solution Concepts, Gather Industry Feedback

2018

2019

2020
Implementation Guide Dev Begins

2021
Transition to FHIR Accelerator

2022 and the Future
Continue collaborative work to develop FAST solutions (IGs) under the HL7 FHIR Accelerator Program

Purpose: Establish a durable community for addressing ecosystem-wide barriers to using FHIR to enable interoperability at scale

Purpose: Identify ecosystem barriers, propose solutions, and develop standards to implement solutions

Click to add text

All content is available on the FAST Project Page
What is the Problem?

TODAY - Exchange
Exchange characterized by point-to-point interfaces
Adoption trajectory is slow, expensive, and fragmented

FUTURE - Interoperability
A common & consistent infrastructure approach to API implementation
Consensus on implementation guides for key enablers, such as directory, security, patient matching, exchange and testing

DESIRED RESULT:
A national interoperability approach that enables consistent data exchange via API. We have this for administrative transactions (X12, clearinghouses, WEDI) and pharmacy transactions (NCPDP, Surescripts). We do not have this for HL7-FHIR.
FAST 2023 Members

[Logos of various companies and organizations]

KAISER PERMANENTE
MEDITECH
Optum
salesforce
smile
surescripts
Providence

Founding Member
Conceptual Integrated Architecture

Security (Authenticate/Authorize)
UDAP Trusted Dynamic Client Registration - UDAP Tiered OAuth User Authentication - UDAP JWT-Based Client Authentication - UDAP JWT-Based Authorization Assertions

Exchange Routing
Direct Connect or via Intermediaries

Intermediaries

Identity
Interoperable Digital Identity & Patient Matching

National Directory
Endpoints – Profiles – Versioning – Trust - Conformance
• **FAST** develops Implementation Guides to address common implementation challenges but that’s just step one!

• **FAST** is dedicated to supporting & encouraging the implementation community to ensure **FAST** IGs are being widely adopted and provide clarification or address confusion where any exists

• **FAST** also encourages testing early and often

• **FAST** is working collaboratively with governing bodies to build alignment with their mandates
Engaging with FAST
## Simple Ways to Join FAST’s Work

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<td>Public Meetings: Mondays at 3pm ET <a href="https://zoom.us/j/98517334633">Link</a> Thursdays at 11 am ET <a href="https://zoom.us/j/98424232906?pwd=dHVT2hrN3o1Q1NQVTNHaTVaQURSQT09">Link</a></td>
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**Chat.fhir Stream**
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- [Link](https://chat.fhir.org/#narrow/stream/294749-FHIR-at.20Scale.20Taskforce.20.28FAST.29.3A.20Security) (Security for Scalable Registration, Authentication, and Authorization)
- [Link](https://chat.fhir.org/#narrow/stream/283066-united-states.2Fnational.20directory) (National Directory)
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 Want to learn more about becoming a member of the HL7 FAST FHIR Accelerator? Contact fast@hl7.org

Find us at ViVE & HIMSS!
Thank you!

For more information on the FAST Initiative, visit the FAST Project Page

Have any further questions/suggestions?

Please contact fast@hl7.org