

FHIR Usage in Countries - Canada

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Amsterdam, 15-17 November | [@fhir_furore](#) | [#fhirdevdays17](#) | [www.fhirdevdays.com](#)

Growth of FHIR in Canada

- Slower to adopt than the U.S.
 - Fatigued from major investment in HL7 v3 messaging
- HAPI Java implementation built by UHN
- FHIR North conference in June 2015 had ~50 participants
 - Have grown by >100 % for each subsequent conference
- Ontario (largest Canadian province) had a number of issues that delayed/prevented rolling out v3
 - As a result, is now the biggest hotbed of FHIR development

FHIR Working Group

- Standards collaborative started a FHIR Working Group in 2017
 - Current the most active standards group by far
- Projects
 - Use Cases – What are the business drivers for FHIR? – now complete
 - Architecture – URI strategy, mapping
 - Tooling – What tools are needed, where should we invest
 - Client & Provider Registries – strategies, shared profiles
 - eReferrals – requirements, workflow, approach
 - SMART & CDS hooks – what's needed to leverage these in Canada?
- <https://infocentral.infoway-inforoute.ca/en/collaboration/wg/fhir-implementations>

Implementations

- 2016 – in production
 - Immunizations (Ontario)
- 2017 – in production
 - e-Prescribing (Ontario, Alberta) – messaging
 - e-Consult (Ontario) - messaging
- 2017 – limited production
 - Patient, organization & practitioner registries (Ontario, Alberta)
 - Lab (Ontario)
- 2017 – design/planning
 - Document submission (BC) - documents

Infoway initiatives

- Just stood up a national FHIR Registry (based on Simplifier)
- National terminology services with content exposed as FHIR
- Supporting mapping OIDs to URIs