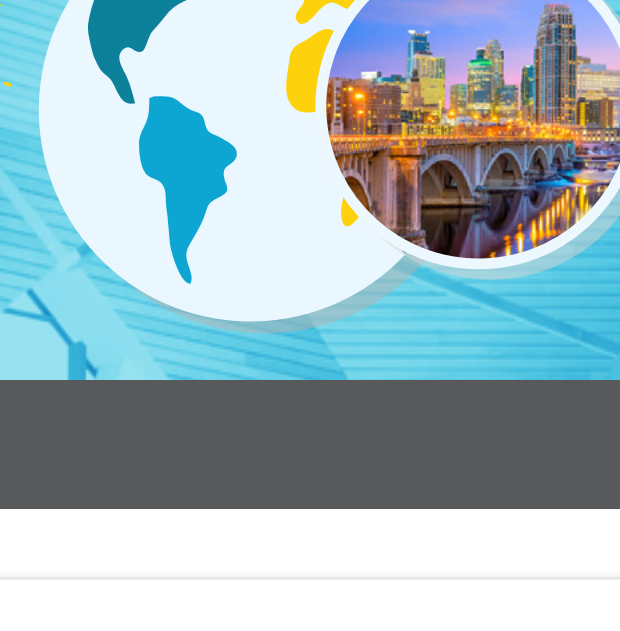


PROGRAM HL7® FHIR® DevDays



June 10-13, 2024 | Minneapolis, MN

Plenary Sessions	Networking Moments	Introductory
Tutorials	Birds of a Feather Sessions (BOF)	Advanced
Let's Build! Sessions	Sponsored Session	
Community Talks		

Monday, June 10

10:30 AM	Registration			
11:00 - 11:30 AM	Welcome to DevDays Rien Wertheim, Firely			
11:45 AM - 12:30 PM	Introduction to FHIR Mirjam Baltus, Firely Johnson Great Room ☆	Leveraging FHIR - Users' Guide Virginia Lorenzi, NewYork-Presbyterian Hospital Heritage Gallery Ⓐ		
12:30 - 1:30 PM	Lunch			
1:30 - 2:15 PM	Introduction to FHIR Modeling Mirjam Baltus, Firely Memorial Hall ☆	Introduction to FHIR Messages and FHIR Documents Rene Spronk, Firely Johnson Great Room ☆	FHIR with Friends: How HL7 International fosters an open community advancing FHIR as a global good Dan Vreeman, HL7 International Heritage Gallery	1:30 - 1:50 PM Update on FHIR Implementation Division Programs Diego Kaminker, HL7 International Heritage Gallery
2:30 - 3:15 PM	Publishing a FHIR Implementation Guide Ward Weistra, Firely Johnson Great Room	Introduction to FHIR Search Gino Canessa, Microsoft Memorial Hall ☆	Generating IPS with HAPI FHIR James Agnew, Smile Digital Health Heritage Gallery Ⓐ	
3:15 - 3:45 PM	Break			
3:45 - 4:30 PM	Meet & Greet the organizers HL7 and Firely			
4:30 - 5:30 PM	LET'S BUILD! Publishing a FHIR Implementation Guide Ward Weistra, Firely Johnson Great Room	Introduction to SNOMED with FHIR Peter Groves Williams, SNOMED Int. Heritage Gallery ☆	Questionnaires and Structured Data Capture Brian Postlethwaite, Microsoft Memorial Hall ☆	
5:30 - 7:00 PM	Welcome Reception University Hall			

Tuesday, June 11

7:30 - 8:30 AM	Breakfast & Registration			
8:30 - 8:50 AM	Opening Session Ewout Kramer, Firely Keynote Technology Has Not Transformed Healthcare...Will That Change With AI? Keith Figlioli, LRV Health Memorial Hall			
9:00 - 9:45 AM	USCDI Implemented in US Core Brett Marquard, WaveOne Johnson Great Room	9:00 - 9:20 AM Production-ready Reference Implementations Lloyd McKenzie, Dogwood Health Consulting Heritage Gallery ☆	9:00 - 9:20 AM The Power of Collaboration: 2023 HL7 Da Vinci Project Implementation Guide Progress Jeff Brown, Lantana & HL7 Da Vinci Project Linda Michaelaesen, Optum Ski-U-Mah Room	.NET Validator Marten Smits, Firely Thomas Swain Room
9:45 - 10:15 AM	Break			
9:45 - 10:15 AM	Meet & Greet Keith Figlioli			
10:15 - 11:00 AM	Promise of a Modern, Digital Healthcare System. ONC Regulations Avinash Shanhag, ONC Memorial Hall	Introduction to FHIR Shorthand Simone Heckmann, Gefyra Johnson Great Room ☆	10:15 - 10:35 AM Moving to "Real" International Patient Summary (IPS) Implementations - Putting the Pieces Together Robert Hausam, Hausam Consulting Heritage Gallery	10:15 - 10:35 AM Syncing Resources Between Distributed FHIR Servers Joshua Kelly, Firega Ski-U-Mah Room
10:15 - 11:00 AM	10:40 - 11:00 AM Real World Use of FHIR Info Gateway to Enhance Privacy for an Offline-First Digital Health Solution Bashir Sadjad, Google Ski-U-Mah Room	10:40 - 11:00 AM From Real-World Problem to Production at Scale: FHIRcast Isaac Vetter, Epic Thomas Swain Room		
11:15 AM - 12:00 PM	LET'S BUILD! Introduction to FHIR Shorthand Simone Heckmann, Gefyra Johnson Great Room ☆	11:15 - 11:35 AM Bulk FHIR Data Quality and Characterization with Open Source Tools Dan Gottlieb, Central Square Solutions Heritage Gallery	CQL Overview Bryn Rhodes, Smile Digital Health Thomas Swain Room	11:15 - 11:25 AM Expanding FHIR Space: FHIR for Pharmaceutical Regulatory Submissions Scott Gordon, US FDA Ski-U-Mah Room
12:00 - 1:30 PM	Lunch			
1:30 - 2:15 PM	Plenary Panel: AI Opportunities for Patients Dave deBronkart, Hugo Campos, Grace Cordovano, Josh Mandel, Chethan Sarabu Memorial Hall			
2:30 - 3:15 PM	2:30 - 2:50 PM Building a FHIR-First Medical Imaging Product at the Intersection of DICOM and FHIR Mohamed Hussain, Alara Imaging, Inc. 2:55 - 3:15 PM FHIR And DICOM in the Mayo Clinic Cloud Kasee Bowne, Mayo Clinic Ⓐ Heritage Gallery	Code Generation for Implementation Guides Gino Canessa, Microsoft Thomas Swain Room Ⓐ	Digital Quality Implementer Community (DQIC) Rich Almeida, Firely Evan Machusak, NCCA Johnson Great Room	2:30 - 2:50 PM Archiving Explainable AI Decision Support on FHIR John Grimes, CSIRO 2:55 - 3:15 PM RAG on FHIR with Knowledge Graphs: Using FHIR with Generative AI to Make Healthcare Less Opaque Sam Schiffman, Aevilly Ski-U-Mah Room
3:15 - 3:45 PM	Break			
3:45 - 4:30 PM	Meet & Greet the Panel Members			
3:45 - 4:30 PM	Managing Changes to FHIR as a Production Service Cooper Thompson, Epic Heritage Gallery	A Whirlwind Tour of FHIR Resources 4:45 - 4:05 PM Large FHIR Data with Azure Health Data Services on Hypescale Brendan Kowitz, Microsoft Heritage Gallery ☆	4:10 - 4:30 PM What Does It Mean? The Intersection of Federal Regulation and the HL7 Da Vinci Project Linda Michaelaesen, Optum Jeff Brown, Lantana Memorial Hall	4:10 - 4:30 PM FHIR Terminology Services 101 Dion McMurtrie, CSIRO Johnson Great Room ☆
4:30 - 5:30 PM	4:10 - 4:30 PM Outcomes of the DevDays 2024 Ward Weistra, Firely Ski-U-Mah Room	4:45 - 5:05 PM Prospective Study on the Feasibility of CDS-Hooks Implementation in the Free-Standing Pediatric Psychiatric Day Hospital by the Non-Technical Community Inna Angel, LearnWell Behavioral Health Heritage Gallery ☆	5:10 - 5:30 PM CDS Hooks Sandbox Chris Schuler, Smile Digital Health Heritage Gallery	LET'S BUILD! Mastering FHIR Terminology Dion McMurtrie, CSIRO Johnson Great Room Ⓐ
5:30 - 7:00 PM	Food & Drinks			
6:00 - 6:30 PM	Announcement Winner Nerd Award Memorial Hall			

Wednesday, June 12

6:45 - 7:30 AM	DevDays Morning Run			
7:45 - 8:30 AM	Breakfast & Registration			
8:30 - 8:50 AM	Plenary Session Keynote FHIRing up Artificial Intelligence Brad Genereux, NVIDIA Memorial Hall			
9:00 - 9:45 AM	9:00 - 9:20 AM Leveraging Artificial Intelligence in FHIR Ecosystems: The Semantic Similarity Network Approach Fawzy Bendeck, Accenture 9:25 - 9:45 AM Optimizing AI Development and Real-World Use with OMOP and FHIR Carl Anderson, Mayo Clinic Ski-U-Mah Room Ⓐ	9:00 - 9:20 AM Navigating Implementation Guide Changes in Production Saman Vaispou and Vajih Montagham, Verily Heritage Gallery Ⓐ	9:25 - 9:45 AM Making Implementation Guides Implementable Gino Canessa, Microsoft Johnson Great Room	FHIR Measures for Implementers René Spronk, Firely Heritage Gallery
9:45 - 10:15 AM	Break			
9:45 - 10:15 AM	Meet & Greet Brad Genereux			
10:15 - 11:00 AM	10:15 - 11:35 AM Simulate, Test, Deploy, Thrive: How We Built a FHIR Sandbox for Real-World Success Vishwasrao Salunkhe and Barbara Atkins, Wolters Kluwer Heritage Gallery	10:15 - 10:35 AM Latest in Firely CQL SDK Evan Machusak, NCCA Ewout Kramer, Firely Memorial Hall	11:15 - 11:35 AM Bringing a FHIR Clinical Guideline to life on Android: Example of WHO SMART guidelines for Immunization Fred Hersch, Google Ski-U-Mah Room	Journey into CQL with the CQL dotnet SDK: From Fundamentals to FHIR Server Integration Lloyd McKenzie, Dogwood Health Consulting Thomas Swain Room
10:15 - 11:00 AM	10:15 - 11:35 AM A Walk Through SQL on FHIR Ryan Brusa, Google Memorial Hall	Demystifying Publishing and Distributing FHIR Artifacts: the CRMI Implementation Guide Brian Kaney, Vermonster Heritage Gallery	Packages and Resolving Duplicate Canonicals Marten Smits, Firely Thomas Swain Room	SQL on FHIR: Use Cases & Implementation Showcase Arjun Sanyal, NCCA Johnson Great Room
11:15 AM - 12:00 PM	11:15 - 11:35 AM Argonaut 2024: US core, bulk data, observation write, endpoint directories, subscriptions and more! Brett Marquard, WaveOne Memorial Hall	11:40 AM - 12:00 PM Follow the Bouncing Ball - Moving Beyond FHIR Server Testing to Testing Clients and Multi-Actor Scenarios Joe Lamty, AEGIS.net, Inc. Heritage Gallery	11:40 AM - 12:00 PM Fighting Cancer with FHIR: Clinical Practice Guidelines and mCODE to the Rescueto the rescue! Brian Kaney, Vermonster Ski-U-Mah Room	LET'S BUILD! Mastering FHIR with SQL on FHIR! Nikolai Ryzhikov, Health Samurai Johnson Great Room
12:00 - 1:30 PM	Lunch			
1:30 - 1:40 PM	Women for FHIR Lunch			
1:40 - 2:10 PM	Garbage In, Good Out? The Potential of Ingesting Multimodal Health Records Directly into LLMs Will Rosenfeld, Google Memorial Hall			
2:30 - 3:15 PM	Harmonizing Upstream Semantic Search and Large Language Model based Question-Answering on a Clinical Patient Record in FHIR Kalyan Pamarthty, Google Heritage Gallery ☆	2:30 - 2:50 PM Composition or Questionnaire - Which to Use When Simone Heckmann, Gefyra 2:55 - 3:15 PM Lessons Learned from Questionnaire Implementations for National Use in Finland Joona Makinen, Duodecim Publishing Company Heritage Gallery	SDC Extract / Pre-populate Brian Postlethwaite, Microsoft Johnson Great Room	2:30 - 2:50 PM FHIR's Digitization Triangle in Germany, Fulfiling the Third Part with ePA-restart and ePrescription Sync Henrik Jablonski, Raik Kuhnisch and Ronald Martins, Gematik 2:55 - 3:15 PM HL7 FHIR Implementation for Singapore Healthier SG National Programme Victor Chal, Synapsis Ski-U-Mah Room
3:15 - 3:45 PM	Break			
3:15 - 3:45 PM	Meet & Greet Tim Abbott			
3:45 - 4:30 PM	3:45 - 4:05 PM Semantic Search and Large Language Model based Question-Answering on a Clinical Patient Record in FHIR Kalyan Pamarthty, Google Heritage Gallery ☆	4:10 - 4:30 PM Implementing a Machine Learning Model for Rare Disease Prediction using CDS Hooks and CDS Cards in a commercialized environment Kim Nolen, Pfizer Ski-U-Mah Room ☆	4:45 - 5:05 PM Understanding Electronic Health Information Export (EHI) Josh Mandel, Microsoft Memorial Hall	4:45 - 5:05 PM IPS Work with Smart Health Links Matt Rahn, ONC Memorial Hall
4:30 - 5:30 PM	4:45 - 5:05 PM Lessons Learned from Questionnaire Implementations for National Use in Finland Joona Makinen, Duodecim Publishing Company Heritage Gallery	4:45 - 5:05 PM Clinical Studies on FHIR - Approach / Lessons Learned James Vollmer, Medtronic Heritage Gallery	4:45 - 5:05 PM FHIR Subscriptions and Notified Pull Gino Canessa, Microsoft Johnson Great Room ☆	4:45 - 5:05 PM Obligations and Simplifying Test Case Generation Lloyd McKenzie, Dogwood Health Consulting Thomas Swain Room
6:00 - 11:00 PM	Social event Mill City Museum			

Thursday, June 13

7:45 - 8:30 AM	Breakfast & Registration			
8:30 - 8:50 AM	Plenary session Rien Wertheim, Firely Announcement Winner HL7 FHIR DevDays Implementer Award Memorial Hall			
9:00 - 9:45 AM	9:00 - 9:20 AM Using FHIR Terminology Within Data Analytics John Grimes, CSIRO Heritage Gallery	9:00 - 9:20 AM Adoption of HL7 Gender Harmony Data Elements in the AU Base and AU Core National FHIR Implementation Guides Reuben Daniels, HL7 International Danielle Tavares-Rixon, CSIRO Heritage Gallery	9:00 - 9:20 AM Da Vinci Burden Reduction: Automating Prior Authorization and Much More! Jeff Brown, Lantana Consulting Group Thomas Swain Room	Cross-version Extensions Ewout Kramer, Firely Memorial Hall
9:45 - 10:15 AM	Break			
9:45 - 10:15 AM	Meet & Greet James & Lloyd			
10:15 - 11:00 AM	10:15 - 11:35 AM Automate the Prior Authorization Process for More Immediate Authorizations, Leading to Better Outcomes and Increased Satisfaction for Patients, Providers, and Payers Bruno R Neves, Salesforce Ski-U-Mah Room	10:15 - 10:35 AM UDAP C8 Reference Implementation Joseph Shook, Suresite 10:40 - 11:00 AM Interoperability Pilot Between State Death Registry and County Medical Examiner's Office Ravi Kaffe, Washington State Dept. of Health Ski-U-Mah Room	10:15 - 10:35 AM An Implementation Guide for Cross-Platform FHIR Utilization in Japan Hisashi Osanai, Fujitsu Heritage Gallery	10:15 - 10:35 AM Transforming HL7 version 2 to FHIR René Spronk, Firely Thomas Swain Room
10:15 - 11:00 AM	10:40 - 11:00 AM HEDIS on FHIR & CQL Evan Machusak, NCCA Memorial Hall	10:40 - 11:00 AM Wandering down the FHIRPath Brian Postlethwaite, Microsoft Johnson Great Room ☆	11:15 - 11:35 AM Let's Build! FHIRPath Brian Postlethwaite, Microsoft Johnson Great Room	11:15 - 11:35 AM Implementing the Sgragh Operation with GraphDefiners Jonathan Hayes, Verily Thomas Swain Room
11:15 AM - 12:00 PM	11:15 - 11:35 AM Automate the Prior Authorization Process for More Immediate Authorizations, Leading to Better Outcomes and Increased Satisfaction for Patients, Providers, and Payers Bruno R Neves, Salesforce Ski-U-Mah Room	11:40 AM - 12:00 PM Redefining Boundaries: The Impact of FHIR on Transitions of Care Terrence O'Malley, Dave Hill and Alix Gates, MITRE Heritage Gallery	1:30 - 1:50 PM Finding Research Data in a FHIR Server Paul Lynch, U.S. National Library of Medicine Ski-U-Mah Room	2:30 - 2:50 PM Executing Cohorts in Bulk with FHIRPaths Marwan Tammar, Google Heritage Gallery
12:00 - 1:30 PM	Lunch			
1:30 - 2:15 PM	1:30 - 2:15 PM IFA & IPS: Peanut Butter and Jelly - Better Together Bryant Karras, Washington State Dept. of Health Thomas Swain Room ☆	Journey into CQL with the CQL dotnet SDK: From Fundamentals to FHIR Server Integration Rich Almeida, Firely Johnson Great Room	2:30 - 2:50 PM Closing the Gap with Implementers - CI Builds for Evolving National Specifications Sheridan Cook, Canada Health Infoway Thomas Swain Room	2:30 - 2:50 PM Challenges and Lessons Learned Mapping CDA to FHIR Jason Roberts, Smile Digital Health Heritage Gallery
2:30 - 3:15 PM	2:30 - 2:50 PM Building, Deploying, and Maintaining FHIR Implementations at Scale Cooper Thompson, Epic 2:55 - 3:15 PM Working on Authoring and Profiling FHIR in Corporate Settings Brian Kaney, Vermonster Heritage Gallery	FHIR Profiles vs openEHR Templates - Can They Play Together? Sidharth Ramesh, Medblocks Johnson Great Room	2:55 - 3:15 PM Notifications and Writebacks: Mapping HL7v2 Events to FHIR Mike Plez, Redox Ski-U-Mah Room	BOF: CRMI - Use FHIR REST API to dynamically manage all FHIR canonicals and IGs! Nikolai Ryzhikov, Health Samurai Bryn Rhodes, Smile Digital Health Brian Kaney, Vermonster Minnesota Room
3:30 - 4:30 PM	Closing Session			
4:30 - 5:30 PM	Keynote Lessons from Zulip Tim Abbott, Zulip Closing Ewout Kramer, Firely, Dan Vreeman and Diego Kaminker, HL7 International Memorial Hall			
4:30 - 5:30 PM	Farewell Drinks			