



May WGM+

New Orleans, Louisiana

Monday, May 8, 2023



Monday



Welcome

Mark McDougall

HL7 Executive Director

Monday

- **CEO Report**
- Implementation Division Report
- Final Announcements

Monday



CEO Report

Charles Jaffe, MD, PhD

HL7 Chief Executive Officer

Report to the Membership

Charles Jaffe

8 May 2023

**Collaboration moves
at the speed of trust.**



SDO Collaboration

The ANSI-accredited standards development organizations partner with HL7 to support healthcare and research data interoperability. We are aided by other organizations that promote implementation, education, safety, coordination, and play key advisory roles.

HL7 could not aspire to a future of seamless interoperability without their participation.



Government Agency Collaboration

In the US, the government agencies provide much more than regulatory oversight.

We partner on standards development and implementation.

GAs provide grants and extramural funding.

GAs develop invaluable guidance.

GAs partner on education and training.

GAs share insights on standards evolution.

GAs promote standards adoption and integration.

We rely upon them for technical expertise and longitudinal experience.



Professional Society Collaboration

As the members of professional societies are increasingly voicing alarm over escalating clinical burden, they turn to HL7 for solutions to many challenges.

Traditionally, we have relied upon so many of these individuals for domain expertise, for clinical workflow, and for data element definitions.

Now, we witnessing an essential collaboration for standards implementation, for clinical decision support, for research prioritization, and for achieving the quadruple aim.



Trade Organization Collaboration

The growth of technology developers has paralleled a growth in scientific advancement and integration of technologies into the practice of medicine and the creation of innovative solutions for healthcare and disease prevention.

Today, these organization provide unique forums for collaboration, for education, and for innovation.

We rely upon them for innovation and for promoting interoperable solutions.



Technology Vendor Collaboration

To the layman, the technology vendors are the first to mind when advances in healthcare IT are first envisioned.

**They are more than the creators of electronic health record innovation.
They are both the creators and the adopters of standards.**

They build the bridges to the payer organizations, to the clinical community, to the research innovators, and to the patients themselves.

**Unique in our collaboration, they stoke the engines and apply the brakes.
They are our greatest admirers and most strident detractors.**



ORACLE Cerner

MEDITECH

surescripts



eClinicalWorks
"Improving Healthcare Together"

HL7
International

Consultancy Collaboration

From very large global organizations to boutique firms that specialize in standards, these are just a few of the many consultancies that support HL7 through

- Implementation
- Technical Resources
- Education & Training
- Development collaboration
- Application Development
- Policy Support
- Government Relations



Non-government Organization (NGO) Collaboration

One of the most difficult to define categories of organizations with which we collaborate are NGOs.

The NGOs are more than non-profits. They provide critical support. They provide policy and help to define the ecosystem. They influence decision makers with their ability to define solutions to challenging problems. They oversee very specific domains and very large communities. And, yes, they help to fund our vision.

These are but a very few examples of our collaborators.

MITRE

KLAS
RESEARCH



Cloud Vendor Collaboration

In August 2018 in Washington, the six largest cloud vendors announced their collaboration for implementation of the FHIR API.

Less than two years later, they each announced a collaborative initiative for importing large cohorts of data with Bulk FHIR.



Patient Advocacy Collaboration

It is probably accurate to sum up our reason for being by saying that we do it all for our patients.

The care of patients, the prevention of disease, and the striving for wellness are at the very heart of our mission. Our singular focus is to provide information when and where it's needed.

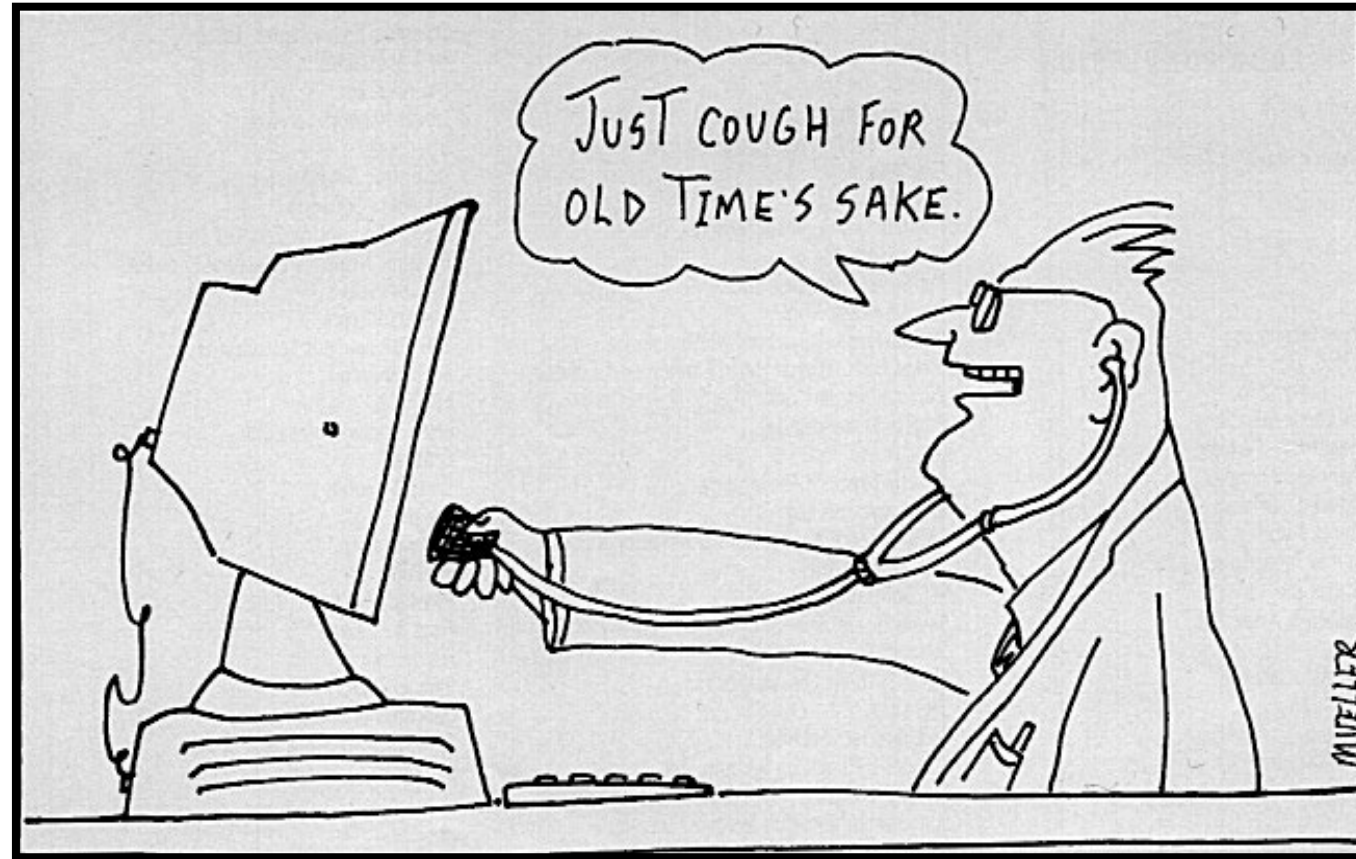
Patient advocates often do not provide the technology. But their commitment to our fundamental processes are invaluable.

Their reach is global. Their goals know no national borders.

There are hundred of organizations and thousands of individuals who provide insights for which there is no measure.

HL7 could not succeed without them.

Thanks



A group of five people are silhouetted against a bright, hazy sunset sky. They are positioned on top of a dark, solid wall. From left to right, the first person stands looking towards the others. The second person is reaching out with their right arm to assist the third person. The third person is in a crouched position, leaning forward. The fourth person is also crouched, reaching out with their right arm to assist the fifth person. The fifth person is standing and looking towards the others. The overall scene conveys a sense of teamwork and mutual support.

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- CEO Report
- **Implementation Division Report**
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Implementation Division Report

Viet Nguyen, MD

Chief Standards
Implementation Officer

Monday



Implementation Division Report

Diego Kaminker

Deputy Chief Standards
Implementation Officer

KEY ACTIVITIES IN PERIOD

- Participation in VIVE/HIMSS/PAHO CONNECTATHON
- Organizing WGM+
- Security Event being organized (Aug.2023)
- Synthetic Data Event RFP Out
- Foundry EOI Out
- Quality Accelerator moving forward with initial stakeholders
- Planning for DevDays+ Board Retreat+ Medinfo
- Sandbox Transfer to HL7 Assets
- Education Credentialing Answers to RFP received

KEY ACTIVITIES FOR NEXT PERIOD

- ➔ WGM+ , DevDays, MedInfo
- ➔ Security Event Organization (weekly meeting)
- ➔ Foundry Vendor Selection
- ➔ Synthetic Data Event Selection
- ➔ Quality Accelerator Activities Start
- ➔ Sandbox Transfer Completed (End of May 2023)
- ➔ Education Credentialing Vendor Selected
- ➔ First face-to-face course in Africa (Kenya)
- ➔ Advancing in Gemini Projects w/IHE (Lab, Imaging, Pharmacy)
- ➔ Education Partnering: First organization
- ➔ Regional Partnership with RACSEL (IDB)

ISSUES, RISKS & CONCERNS

- ! Delay in Signing Agreement with WHO
- ! Technical Problems transferring Sandbox to HL7 Assets
- ! Lack of Budget for Foundry, or no offers
- ! Device Accelerator not ready to start
- ! Too much speakers for New Events, or too few

Board Discussions and Decisions Requested

- ! Foundry Funding
 - Core funding from Da Vinci & FAST (\$10k/mo)
 - AWS Hosting credits
 - In-kind support

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Final Announcements

Mark McDougall

HL7 Executive Director

Meeting Schedule

- General sessions begin in this room at 8:00 am through Thursday
- Day is broken into quarters:
Q1: 9:00-10:30 Q2: 11:00-12:30
Q3: 1:45-3:00 Q4: 3:30-5:00
- 30-minute breaks start at 10:30 am and 3:00 pm
- Use the Whova to find the location of your desired meetings

Lunches

- Lunch is at 12:30 pm each day
- If you have an allergy and have a Special Meals Ticket in your packet, please speak to a server; they may have a meal for you.
- If you registered for Friday and plan to attend the luncheon, please pick up your ticket at the registration desk.

Reminder to co-chairs

Schedule Changes

Please notify Mary Ann of any schedule changes
(email WGMHelpDesk@HL7.org)

Wireless Access

- Network: **HL7May2023**
- Password: **HealthLevel7**

Yes, the password is case sensitive

HL7 Mobile & Web App – Whova

- Download the mobile app on the App Store or Google Play
- Access the web app from your laptop:
https://whova.com/portal/webapp/maywg_202305/
- You can also scan the QR code at the registration desk



HL7 Mobile & Web App – Whova

- Stay up to date with event announcements, changes, view the site map, meeting agendas, and best of all, create your own schedule!
- If you experience any issues in your meeting rooms, send a message to **Ask Organizers Anything** under Community.
- If you have questions or need help with your app, please see the HL7 Staff.

Evaluations

- Evaluations are collected electronically. Those taking tutorials will be sent a link for their evaluations.
- Meeting attendee evaluation links were sent in your welcome letter and will also be sent after the meeting concludes.
- There will be a drawing for \$500 towards HL7 Education and Virtual Events!

<https://www.surveymonkey.com/r/May2023WGM>

Bow Tie SIG



Thanks to Our Sponsors

FEvIR Platform



Gold Sponsor | Connectathon



Lanyard Sponsor | WGM+



Have a great day!

Monday, May 8, 2023





May WGM+

New Orleans, Louisiana

Tuesday, May 9, 2023



Tuesday



Welcome

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- **TSC Report**
- CSDO Report
- International Council Report
- Da Vinci 2022 Hero Awards
- Final Announcements

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TSC Report

Jean Duteau

TSC Chair

Product Family Updates

- V2 – Working on V2+ web representation of V2
- CDA – Recently conducted another Implementation-A-Thon
- FHIR– FHIR R5 was published

Workgroups with Gold Star

- Arden Syntax, BR&R, CDS, Clinical Genomics, CIC, CQI, CBCP, Conformance, CGP, Emergency Care, FHIR-I, FM, HSS, InM, O&O, PA, PC, Patient Empowerment, PPIE, Pharmacy, Public Health, Security, Struct Docs, TI

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CSDO Report

Daniel Vreeman, DPT
Chief Standards
Development Officer

CSDO Update

HL7 Working Group Meeting

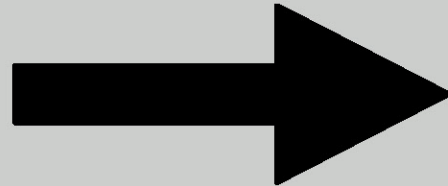
2023 05 09

Daniel J. Vreeman, PT, DPT, MS, FACMI
Chief Standards Development Officer



Full (and future) updates here

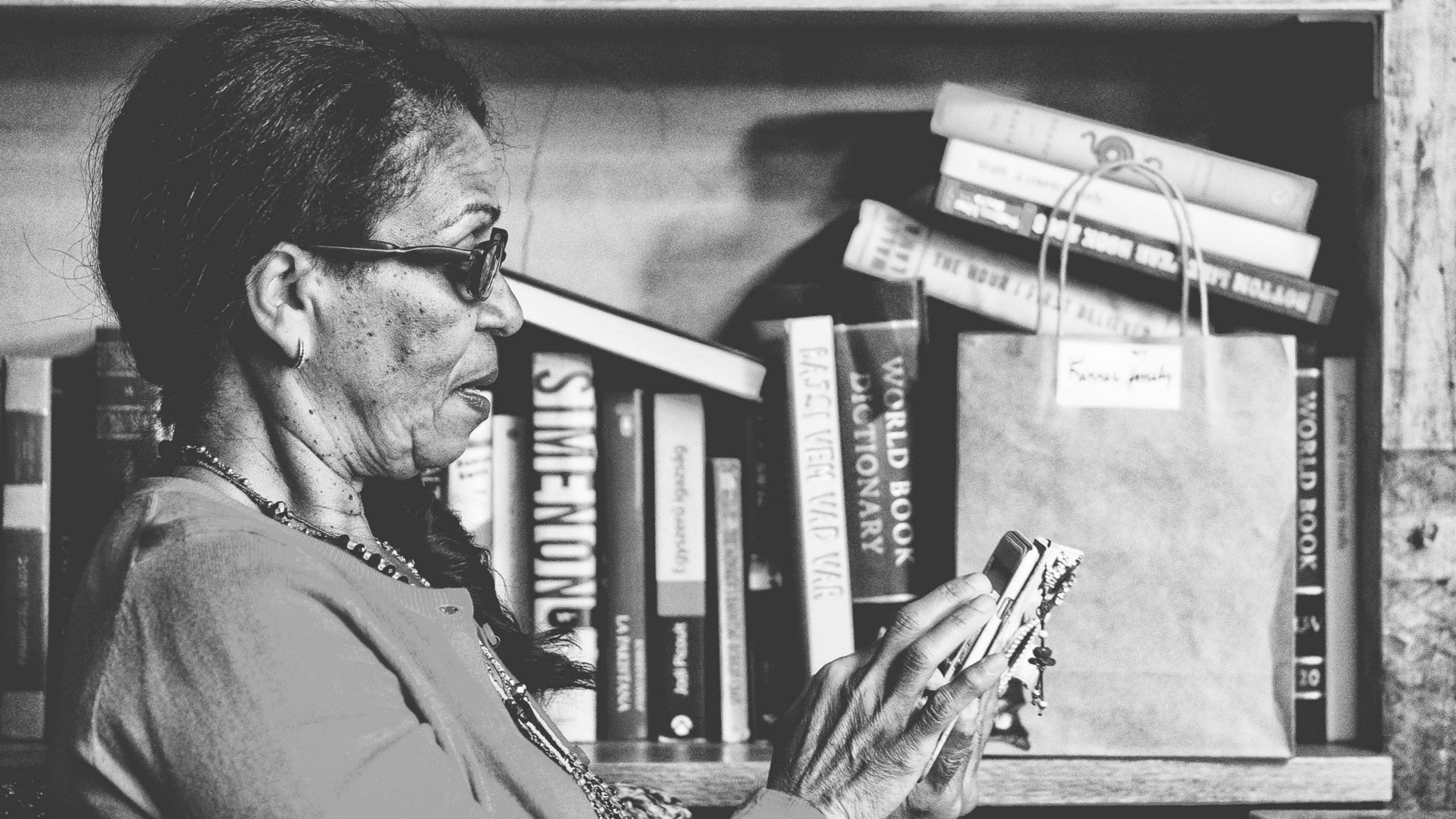
hl7.me/updates



The screenshot shows a web browser at the URL `hl7.me/updates`. The page is a Confluence document titled "Updates on HL7 Infrastructure and Standards Development", created by Wayne Kubick and last modified by Daniel Vreeman on April 30, 2023. It has 2,145 views. The page content includes a section titled "The Latest" with a clapperboard icon, stating it covers updates on standards development, tooling, infrastructure, and process improvement at HL7. Below this is a post by Daniel Vreeman from May 08, 2023, titled "Updates on Standards Development". The post discusses the "WGM+" gathering and the "integrated approach to standards development and implementation". It mentions that health data policy and interoperability standards are driving advancements in clinical care, administration, research, and public health. The post also notes that participation in shared work at HL7 ensures perspectives, expertise, and lived experiences are reflected in interoperability advances. A section titled "Year to date: Standards publications" includes a red "S10" badge and states that 22 specifications have been published or reaffirmed in 2023. At the bottom, a red banner reads "2023 YTD: 23 Specifications published by HL7 International", followed by a table with columns for months (Jan, Feb) and specific updates (STU Update: FHIR IG: Subscription RS Backport, Release 1, STU 11).

EVERYONE IS

WELCOME







Community-driven modernization in Haiti

- [OpenCR](#) (FHIR-based client registry)
- [OpenMRS iSante+ Distribution](#) (with FHIR2 module)
- [SEDISH](#) (Haiti HIE, with [HAPI-based Shared Health Record](#) using the HL7 FHIR International Patient Summary IG)



Freedom to

Harness consensus global interoperability wisdom for products and professional development

Implement, inspect, and improve the specification (and its reference implementations)

Redistribute refinements publicly, to help others

A stylized, light gray flame logo is centered in the background. It consists of several overlapping, curved shapes that form a flame-like pattern. A registered trademark symbol (®) is located to the right of the flame, near the top.

Freedom to

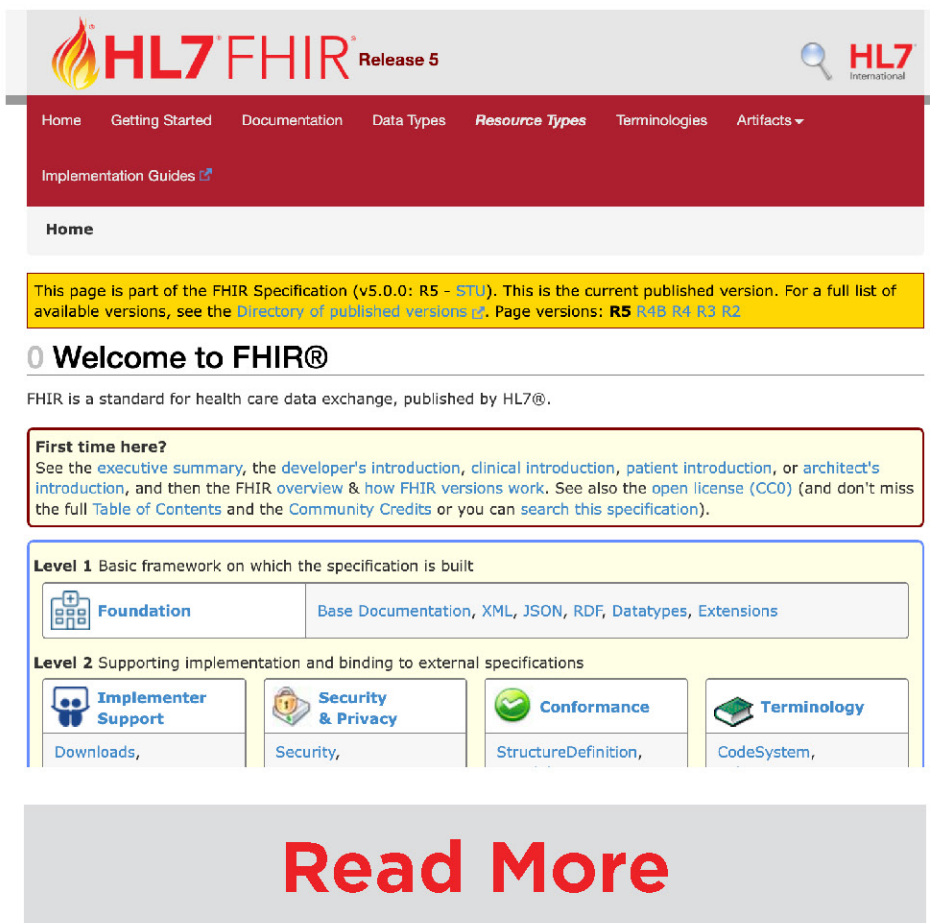
Harness consensus global interoperability wisdom for products and professional development

Implement, inspect, and improve the specification (and its reference implementations)

Redistribute refinements publicly, helping others

FHIR Release 5

Published: 2023 03 26



The screenshot shows the HL7 FHIR Release 5 website. The header includes the HL7 FHIR Release 5 logo and a search icon. The navigation bar lists: Home, Getting Started, Documentation, Data Types, Resource Types, Terminologies, and Artifacts. Below the navigation bar is a section titled "Implementation Guides". The main content area starts with a "Home" heading, followed by a yellow box containing text about the FHIR Specification (v5.0.0: R5 - STU) and a link to the "Directory of published versions". Below this is a "Welcome to FHIR®" section with a paragraph stating "FHIR is a standard for health care data exchange, published by HL7®." A "First time here?" section provides links to various introductory documents. The "Level 1 Basic framework" section includes a "Foundation" box with links to "Base Documentation, XML, JSON, RDF, Datatypes, Extensions". The "Level 2 Supporting implementation and binding to external specifications" section includes four boxes: "Implementer Support" (with a link to "Downloads"), "Security & Privacy" (with a link to "Security"), "Conformance" (with a link to "StructureDefinition"), and "Terminology" (with a link to "CodeSystem"). At the bottom of the screenshot is a large red button labeled "Read More".

Key Updates

~4000 incremental changes

Topic-based subscriptions

Revisions to the Medication
Definition Resources

Operations for large group
Resources

More than a dozen new
Resources (New total: 157)



registry.fhir.org



About FHIR

FHIR Packages

Publish a Package

Search FHIR packages...



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A website by [HL7 International](#)

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registry.fhir.org



About FHIR

FHIR Packages

Publish a Package

Refine package results

☒ Latest release [?]

Only FHIR Versions

- ☐ R4
- ☐ STU3
- ☐ DSTU2

[clear filter](#)

Find matching contents by [?]

- ☒ Instances
- ☐ Profiles

Of types

Filter type list...

- ☐ Account
- ☐ ActivityDefinition
- ☐ ActorDefinition
- ☐ Address

food insecurity



1 result found in 10 ms

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<http://hl7.org/fhir/us/sdoh-clinicalcare> • hl7.fhir.us.sdoh-clinicalcare

R4

SDOH Clinical Care

2.0.0

HL7 International • Patient Care WG
United States of America

November 2022

Social Determinants of Health (SDOH) are increasingly being recognized as essential factors that influence healthcare outcomes. This HL7 Implementation Guide (IG) defines how to exchange SDOH content defined by the Gravity Project using the HL7 FHIR standard. It defines how to represent coded content used to support the following care activities: screening, clinical assessment/diagnosis, goal setting, and the planning and performing of interventions. This IG addresses the need to gather SDOH inf...(more)

Found 2 matches:

Condition Food insecurity

Condition Food insecurity

A rustic wooden wall made of vertical planks, some of which are missing or damaged, revealing a lighter wood underneath. Two horizontal wooden planks are attached to the wall, forming a sign that reads "THANK YOU." in white, hand-painted, uppercase letters. The sign is positioned in the center of the frame. The bottom of the image shows a concrete surface and some grass.

THANK YOU.

hl7.me/updates

Tuesday

- TSC Report
- CSDO Report
- **International Council Report**
- Da Vinci 2022 Hero Awards
- Final Announcements

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International Council Report

Ron Parker
Co-Chair

Tuesday

- TSC Report
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Da Vinci 2022 Hero Awards

Kirk Anderson, Cambia
Chair of the Da Vinci Steering Committee

HL7 Da Vinci Project 2022 Community Champions

May 9, 2023

DA VINCI CHAMPIONS: 2022



Champion attributes

- Industry above self
- Passion for making the healthcare system work better
- Supporting others
- Promoting change



2022 CHAMPION: Susan Bellile



“The Da Vinci project plays a critical role in accelerating the adoption of FHIR by bringing together representatives of payers, providers and vendors to collaborate on approaches to specific use cases. All parties, especially patients, benefit from more consistent and truly interoperable exchanges of healthcare data.”

Susan Bellile
Principal, Clinical Solutions
Availity

2022 CHAMPION: Caitlyn Campi



“The HL7 Da Vinci Project is important as it provides health plans and other stakeholders with practical implementation guidance for using FHIR to achieve interoperability through compliance, provider, and digital channels. This guidance has allowed us as a health plan to support value-based care, foster industry collaboration with a multitude of stakeholders, and ultimately has led us to improved healthcare outcomes with a new experience for our members through interoperability.”

Caitlyn Campi
Digital Interoperability Product Owner
Florida Blue



2022 CHAMPION: Kyle Johnsen



“The potential impact automating prior authorization would have on so many lives keeps me working on it over the years, and Da Vinci bringing together people with vastly different backgrounds but the same shared goal keeps me energized to build a strong foundation.”

Kyle Johnsen
Software Developer
Epic



2022 CHAMPION: Tom Loomis



“Da Vinci is executing on its goal of bringing payers and providers together to address industry interoperability challenges. Having spent a large part of my career on the provider side, not working on the payer side, solutions and challenges are not always obvious. Fostering conversations that have both sides present is extremely important.”

Tom Loomis
Architecture Senior Advisor – Interoperability Focus
Evernorth

2022 CHAMPION: Michael Marchant



“The Da Vinci Project is a critical industry initiative as it is addressing one of the largest administrative costs in healthcare – the exchange of information between payers and providers. That cost is not only dollars, but significantly impacts the timeliness and therefore quality of the care patients / members receive – which adds a multitude of costs – that include the health and wellbeing of everyone involved.”

Michael B. Marchant
Executive Director - Interoperability
UC Davis Health

2022 CHAMPION: Ezequiel Morales



“If you want to go fast, go alone, if you want to go far, go together’.

Da Vinci is a forum that will take us far, together.”

EZ Morales
Architecture Senior Advisor, Interoperability
Evernorth Health Services

2022 CHAMPION: Snapper Ploen



“The HL7® Da Vinci Project has been a sterling example of industry collaboration with the goal of improving patient care delivery as well as outcomes. As a member of the MCG Health team partnering with payers, providers, and government stakeholders, I feel like Da Vinci is leading historical transformations in healthcare technology which are already producing measurable benefits to patients.”

Snapper Ploen
Associate Director of Marketing,
Content Creation & Distribution
MCG



2022 CHAMPION: **Matt Schuller**

“As a leader in health IT and industry standards, it was only natural for the BCBS System to step in on the early formation of this thought-leading interoperability initiative. As stewards of Blue System data, BCBSA and Blue Cross and Blue Shield companies have long been champions for health data exchange, and we believe the next generation of leadership in health care data interoperability will require significant coordination, collaboration, perseverance, innovation, and the willingness to break down long-standing barriers.”



Matt Schuller, MS, RHIA
Health IT and Industry Standards
BCBSA Interoperability Solutions 68

Tuesday

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- **Final Announcements**

Tuesday



Final Announcements

Mark McDougall

HL7 Executive Director

Board of Directors Meeting

Board Meeting begins at 9:30 AM
Quarterdeck ABC in Riverside Building

Tuesday

- Birds of a Feather Meetings
 - Tuesday 6:30 PM
 - Dental BOF – Camp
 - Wednesday 10:00 AM
 - Government BOF – Jefferson Ballroom

Thanks to Our Sponsors

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Have a fabulous day!

Tuesday, May 9, 2023





May WGM+

New Orleans, Louisiana

Wednesday, May 10, 2023



Wednesday



Welcome

Mark McDougall

HL7 Executive Director

Wednesday

- **Chair's Report**
- **Final Announcements**

Wednesday



Chair's Report

Andy Truscott

Chair, HL7 Board of Directors

Re-envisioning Membership: Stakeholder Engagement and Revenue

May 10th, 2023



Goals

- Ensure value for all stakeholders.
- Grow HL7 impact, diversifying participation and attracting new stakeholders.
- Produce sustainable revenue to fund our mission
- Ensure that revenue production does not hinder mission

Lunch Time Listening Today

The board task force invites you to a lunch time listening session in the Jefferson Ballroom.

- Grab your lunch and join us.
- Bring us your ideas.
- **Room: Jefferson Ballroom**

Wednesday

- Chair's Report
- **Final Announcements**

Wednesday



Final Announcements

Mark McDougall

HL7 Executive Director

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Lanyard Sponsor | WGM+

Wednesday

- Birds of a Feather Meetings
 - Wednesday 9:00 AM
 - Government BOF – Jefferson Ballroom

Recognition of the backbone of HL7

Sincere thanks to our dedicated mentors,
facilitators, TSC members, instructors
and all co-chairs...
the ***backbone*** of HL7

Please stand to be recognized

Recognition of long time HL7 staff at HQ

Staff who have been on our team for **15+ years:**

Lynn Laakso (15)

Dave Hamill (16)

Mary Ann Boyle (17)

Andrea Ribick (17)

Linda Jenkins (18)

Anne Wizauer (22)

Karen Van Hentenryck (26)

Mark McDougall (31)

Recognition of Long Time Members 1/6

HL7 members for **20-24** years include:

Noam Arzt

Ann Badame

Christopher Chute

Kathleen Connor

Ray Duncan

Carl Dvorak

Gerard Freriks

Sheldon Gilmer

Hugh Glover

Matthew Green

Recognition of Long Time Members 2/6

HL7 members for **20-24** years include:

Norman Gregory

Grahame Grieve

Smita Hastak

John Hatem

Robert Hausam

Beat Heggli

Kai Heitmann

William Hess

Masaaki Hirai

Martin Hurrell

Recognition of Long Time Members 3/6

HL7 members for **20-24** years include:

Jeff Jacobs

Robert Jenders

Irma Jongeneel-de-Haas

Phillip Kiefer

Michio Kimura

Elizabeth King

Gunnar Klein

Peter Kranich

Austin Kreisler

Recognition of Long Time Members 4/6

HL7 members for **20-24** years include:

Steve Lobach

Lloyd McKenzie

Scott Mangum

Tim McNeil

David Marotz

Elliot Muir

James McClay

Nancy Orvis

Robert McClure

David Parker

Recognition of Long Time Members 5/6

HL7 members for **20-24** years include:

Ron Parker

Nick Radov

Christine Raine

John Ritter

Ken Rubin

Peter Scholz

Masakazu Shimomura

Judith Snow

Felicie Soliman

Spencer SooHoo

Recognition of Long Time Members 5/6

HL7 members for **20-24** years include:

Corey Spears

Sylvia Thun

Robert Stegwee

Denise Warzel

Sandra Stuart

Igor Yuabov

Sadamu Takasaka

Recognition of Very Long Time Members 1/2

HL7 members for **25-29** years include:

Liora Alschuler

Carl Dvorak

Bernd Blobel

Robert Godin

Philip Caillouet

Tony Julian

Ray Duncan

Christopher Melo

Recognition of Very Long Time Members 2/2

HL7 members for **25-29** years include:

Karen Nocera

Rene Spronk

Frank Oemig

Timo Tarhonen

Vassil Peytchev

Franklin Wilcox

AbdulMalik Shakir

Recognition of Very Long Time Members

HL7 members for **30-34** years include:

Hans Buitendijk

Clem McDonald

Gary Dickinson

Charles Meyer

Ted Klein

Doug Pratt

Virginia Lorenzi

Mead Walker

Recognition of Very Long Time Members

HL7 members for **35+** years include:

Ed Hammond

Recognition of Long Time Affiliates

Affiliates for more than 20 years include:

HL7 Argentina

HL7 Australia

HL7 Brazil

HL7 Canada

HL7 China

HL7 Croatia

HL7 Czech Republic

HL7 Finland

HL7 Germany

HL7 India

HL7 Japan

HL7 Korea

HL7 Netherlands

HL7 New Zealand

HL7 Switzerland

HL7 Taiwan

HL7 UK



Have an awesome day!

Wednesday, May 10, 2023

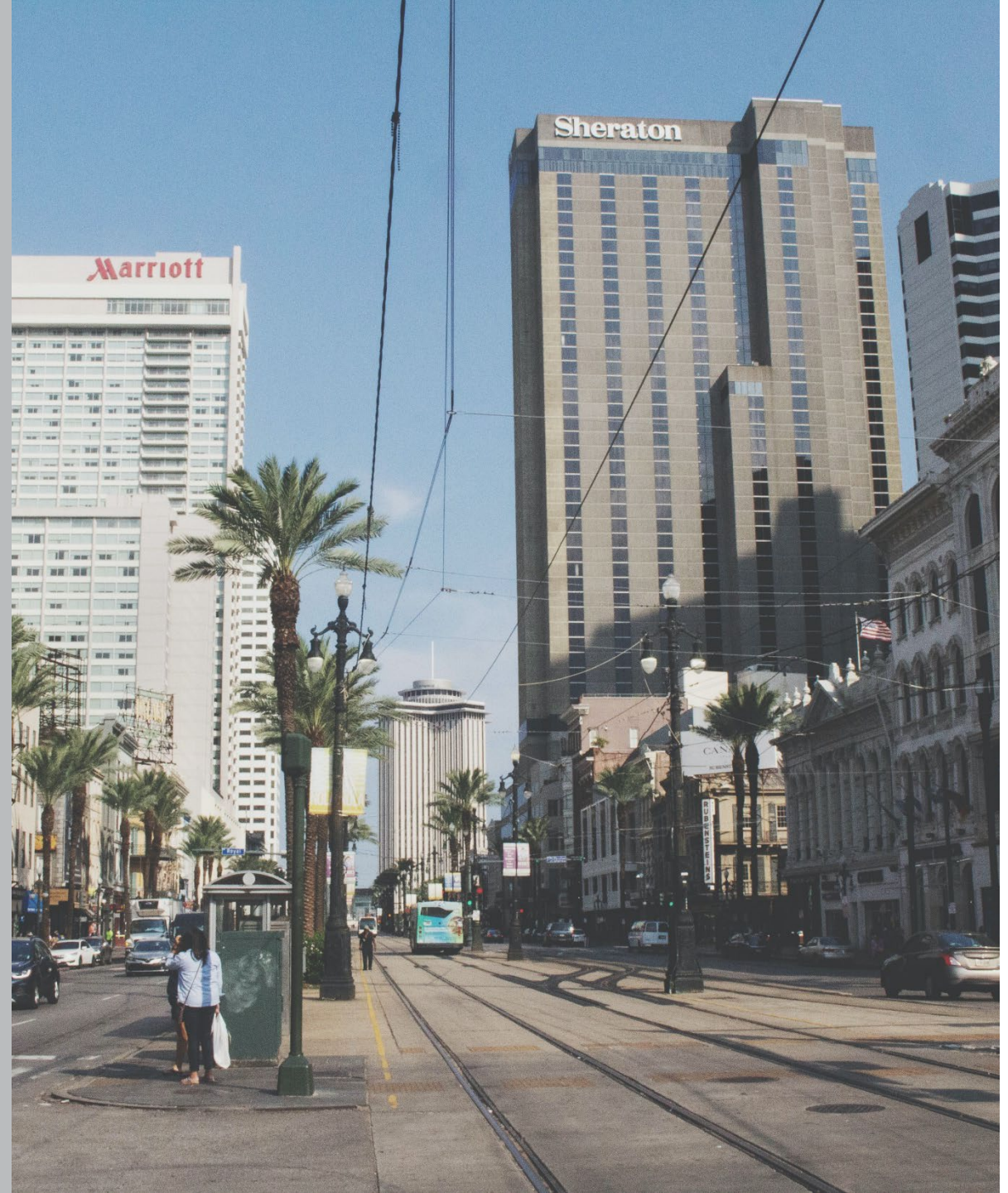




May WGM+

New Orleans, Louisiana

Thursday, May 11, 2023



Thursday



Welcome

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HL7 Executive Director

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- **Upcoming Education & Meetings**
- **Final Announcements**

Thursday



Upcoming Education & Meetings

Sadhana Alangar, PhD

HL7 Director of Education

AGENDA


[About](#)[Standards](#)[Membership](#)[Resources](#)[Events](#)[Training](#)[Certification](#)


Home > Training and Education > Education Calendar

Education Calendar

Learn more about our [training](#) options. Don't see a training event that fits your schedule? Access training immediately at [HL7 Education On Demand](#).


HL7 Online Classes & Webinars


 **HAPI FHIR**
May 23, 2023 to May 25, 2023 - Online Class
[Add to Calendar](#)


 RSS


Learn out more about our [Individual Training](#).


Fundamentals Courses


 **HL7 V2 to FHIR Mapping**
May 4, 2023 to Jun 8, 2023 - Asynchronous Course
[Add to Calendar](#)

 **HL7 Fundamentals**
May 25, 2023 to Aug 17, 2023 - Asynchronous Course
[Add to Calendar](#)

 **HL7 FHIR Intermediate**
Jun 1, 2023 to Jul 13, 2023 - Asynchronous Course
[Add to Calendar](#)

 **HL7 FHIR Exam Prep**
Jun 15, 2023 to Jul 13, 2023 - Asynchronous Course
[Add to Calendar](#)

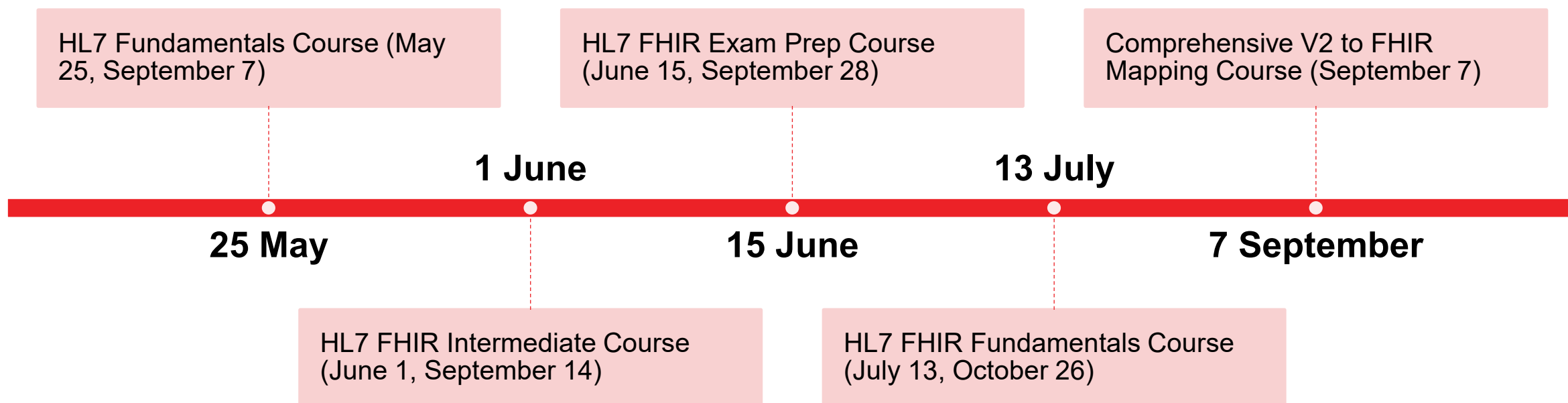
 **HL7 FHIR Fundamentals**
Jul 13, 2023 to Aug 10, 2023 - Asynchronous Course
[Add to Calendar](#)

 RSS

Learn out more about [HL7 Fundamentals](#) or [HL7 FHIR Fundamentals](#).

- Upcoming Courses (2023)
- Possible Future Courses

2023: Asynchronous Courses



2023 Online Classes

HAPI FHIR	May 23-25
SMART on FHIR & CDS Hooks	Jun 20-22
HL7 FHIR Security & Privacy	Jul 11-13
C-CDA & C-CDA on FHIR	Aug 15-17
FHIR in the Clouds	Aug 1-3
Clinical Quality & Decision Support on FHIR	Oct 3-5
Applied FHIR Questionnaire & Data Capture	Oct 19-21

2023 Education Catalog

1. Go to HL7.org
2. Click on Training tab or Education Calendar
3. Fill out form to download



Education Catalog

Straight From The Source



Online Events & Classes

HL7 FHIR Connectathon

3 Days | Virtual Event

An HL7 Fast Healthcare Interoperability Resources (FHIR®) Connectathon features hands-on FHIR development and testing. This is a chance to get your hands dirty and learn by helping evolve the FHIR specification!

Whether the format is virtual or in-person, implementers and developers can gain experience developing FHIR-based solutions and exchange data with other FHIR interfaces.

Participants select one of several tracks based on level of readiness and area of interest, and can engage in hands-on, heads down development and testing. There is an opportunity to work directly with other FHIR developers and senior members of the FHIR standards development team, and participants are expected to write some software intended to demonstrate FHIR connectivity.

EVENT DATES

January 13-15, 2021

HL7 FHIR Intermediate

6 Weeks | Self-paced

This intermediate level, 6-week course for developers provides an overview on how to program FHIR clients and servers. It also features an introduction to the most relevant implementation guides in the healthcare IT market: Argonaut, IPS, SMART on FHIR and CDS Hooks. Hands-on exercises are included on how to implement HL7 FHIR, using widespread open source libraries for C#, Java and JavaScript.

Participants will learn:

- How to navigate the Argonaut and IPS implementation guides
- What is involved in programming a FHIR Client using Java, C# and JavaScript
- How to create a FHIR façade to integrate a legacy application
- How to use SMART on FHIR to integrate apps with EHRs
- How to use CDS Hooks to integrate clinical decision support to an app
- Fercam

Prior experience with FHIR is required. Background in software development using Java, C# or JavaScript is required to complete the course assignments. Completing the HL7 FHIR Fundamentals course is highly recommended.

COURSE DATES

February 18–April 1, 2021
June 3–July 15, 2021
September 16–October 28, 2021

INSTRUCTOR

Diego Kaminker: Affiliate Director, HL7; Creator & Educator, HL7 Fundamentals, FHIR Fundamentals and FHIR Intermediate; Member, HL7 Argentina

Fernando Campos, FHL7: Chair, HL7 Argentina; Creator & Educator, HL7 Fundamentals, FHIR Fundamentals and FHIR Intermediate; Software Engineering Department Chief, Hospital Italiano de Buenos Aires; Author

*Classes that are recorded will be available at HL7 On Demand
www.pathlms.com/HL7

Education Catalog

Download the Education Catalog

Email*

First name

Last name

protected by reCAPTCHA

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Request Download Link

April 20, 2022

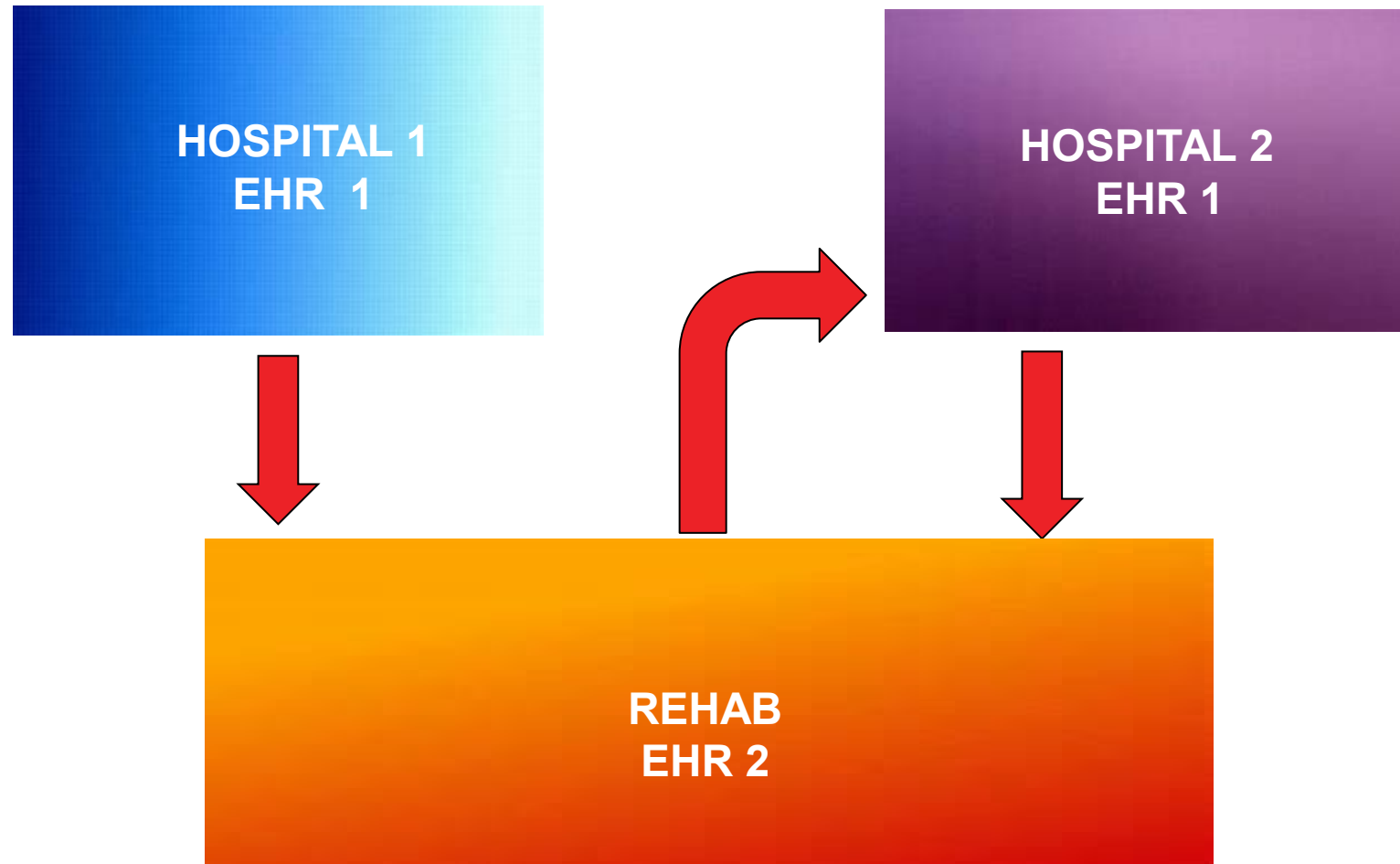
BEFORE

- Professor
- IEEE Fellow
- Expert Witness in Patent Lawsuits
- Played Tennis, Table Tennis and Pickle Ball
- Travelled all over the world

AFTER



PROVIDERS



PAYERS

Workman's COMP

INSURANCE



MEDICARE

Good News!

PATIENT

HAS

**THE DaM
DATA**

CHALLENGES

- Multiple EHR Systems
- Patient consent given multiple times (on paper)
- Wrong insurance charged
- Patient emails invoices
- Sometimes Patient pays and is reimbursed

Prior Authorization

- Critical Procedures Delayed or Cancelled
- Example: Physical Therapy
 - Payer asks for detailed information
 - Providers frustrated with the barrage of questions
 - Decision: Life Care Planner to assess long-term care and vocational needs in 60 days. Permission for outpatient rehab given after 5 months

HL7 Mission

To provide standards
that empower
global health data
interoperability.

We Need Your Help

- HL7 provides “invaluable education resource for the healthcare IT community”
- Other Roles
 - Legislators, Policy makers, Regulators, C-suites, Healthcare Administrators, Business Analysts, Clinicians
 - Need to create high level courses (non-technical)



Comments/Suggestions

education@hl7.org

sadhana@hl7.org



Future DevDays

HL7® FHIR® DevDays
Amsterdam | Hybrid Edition

June 6 – 9, 2023

<https://www.devdays.com/>

Early bird ends May 12!



Future HL7 Meetings: 2023 September

HL7 FHIR Connectathon
Sheraton Phoenix Downtown
Phoenix, Arizona
September 9-10, 2023

September Working Group Meeting
Sheraton Phoenix Downtown
Phoenix, Arizona
September 11-15, 2023



Future HL7 Meetings: 2024 January

HL7 FHIR Connectathon

Virtual Event

January 16-18, 2024

January 2024 Working Group Meeting

Virtual Event

January 29 – February 2, 2024



Future HL7 Meetings: 2024 May

HL7 FHIR Connectathon

Renaissance Dallas Hotel

Dallas, TX

May 18-19, 2024

May 2024 Working Group Meeting

Renaissance Dallas Hotel

Dallas, Texas

May 20-24, 2024



Additional Events

CMS HL7 FHIR Connectathon
Virtual Event | **Registration Open!**
July 18-20, 2023

HL7 FHIR Security Event
Virtual Event
August 8-9, 2023

Thursday

- Upcoming Education & Meetings
- **Final Announcements**

Thanks to Our Sponsors

FEvIR Platform



Gold Sponsor | Connectathon



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Thursday

- Don't forget to fill out the WGM survey on Whova under **Resources > Survey** on the left-side navigation
- There will be a drawing of **\$500** towards HL7 Education and Virtual Events!

<https://www.surveymonkey.com/r/May2023WGM>



Have a great day!

Thursday, May 11, 2023

