

HL7 FHIR Connectathon

May 6-7, 2023

New Orleans, LA

Helios Aggregate Data Track
Kick Off Call

Forrest White & Craig Newman

April 17, 2023



Track Kick Off Meeting Agenda

- Introduction to Track Leads – Craig Newman & Forrest White
- Track Description
- Track Goals
- Participants Roles and Preparation
 - List of Participants in the track
 - Reference to test servers and tools
- How to get your questions answered
- Support Materials
- Preparation Checklist
- Track Report Out
- Questions



33rd HL7 FHIR Connectathon

- Saturday, May 6 9:00 AM to 5:00 PM CT
- Sunday, May 7 9:00 AM to 5:00 PM CT

- Hilton New Orleans Riverside
 - St. Charles Ball Room

- [Break Out Sessions](#)
- Education Sessions listed in Whova



Track Lead

Craig Newman works to develop and implement healthcare interoperability standards focusing on the exchange of public health data. He has 15+ years of experience in healthcare data interoperability and is a co-chair of both the HL7 Public Health Work Group and v2 Management Group. Most recently, Craig has signed on to be a Program Manager for the Helios FHIR Accelerator for Public Health.



Track Lead

Forrest White works to develop and implement healthcare interoperability standards focusing on the exchange of public health data. He has 8+ years of experience in healthcare data interoperability. Most recently, Forrest has signed on to be a Program Manager for the Helios FHIR Accelerator for Public Health.



Track Description

- This track will test the sharing of two or more combined MeasureReport FHIR resources between a data submitter (e.g. HIT/EHR) and a data recipient (e.g. PHA/STLT) that contains a set of reusable priority Measure definitions of situational awareness indicators (e.g., bed counts, staffing levels, availability of supplies, and other aggregate measures).

<https://confluence.hl7.org/display/FHIR/2023+-+05+Helios+Aggregate+Data+Track>



Track Goals

- Demonstrate the ability to provide mission-critical situational awareness information to public health during pandemics, natural disasters, and other preparedness events.
- Document reusable Measure definitions and make them available for a data source to generate a Measure and MeasureReport
- PHAs - identify a MeasureReport's Measure definitions (specifications) using reusable Measure definitions. More than one Measure in a MeasureReport
- Test and report against producing the MeasureReports and sharing them with PHAs



Participants Roles and Preparation

Data Submitters (HIT/EHR Tech Partners)

- ❖ Demonstrate ability to access data and prepare FHIR Measure and combined MeasureReport Resource(s) and data
- ❖ Demonstrate ability to PUSH/WRITE FHIR Measure and MeasureReport Resource(s) and data to a PHA
- ❖ Demonstrate ability to make FHIR Measure and MeasureReport Resources available to QUERY and PULL by an authorized Public Health Authority (PHA)

Data Receivers (PHA/STLT)

- ❖ Demonstrate ability to Receive PUSH/WRITE Measure and MeasureReport Resource(s) and data from a data submitter
- ❖ Demonstrate ability to QUERY and PULL FHIR Measure and MeasureReport Resource(s) and data from a data submitter
- ❖ Bonus – Display MeasureReport data in human readable dashboard



Participants Roles and Preparation

Organization	Actor	Role	Tools	Responsible Person
Washington State & University of Washington	PHA - State	Data Receiver	FHIR Server	Ravi Kafle (WA) Bill Lober (UW) Daniel Lorigan
Oracle Cerner	Healthcare	Data Submitter	FHIR Server & Test Data	Hans Buitendijk Roy Lampe
Audacious Inquiry	Healthcare & PHA	Data Submitter & Receiver	FHIR Server & Test Data	Keith Boone David Pyke
ICF	PHA – State/Local	Data Receiver	CQF Ruler FHIR Server – Measure evaluation, receive MeasureReports	Michael Holck
Point of Care Partners	PHA	Data Submitter	FHIR Server	Frank McKinney
NAVOMI	PHA	Data Receiver	FHIR Server	Vinod Koosam



How to get your questions answers

- Zulip (chat.fhir.org)

<https://chat.fhir.org/#narrow/stream/355141-Helios-Aggregate-Data>

- Log issues in JIRA

- Contact info for Track lead (onsite in New Orleans)

Craig.Newman@altarum.org



Support Materials

- HL7 Connectathon Confluence Home Page
<https://confluence.hl7.org/display/FHIR/2023+-+05+Connectathon+33>
- Helios Aggregate Data Track Page
<https://confluence.hl7.org/display/FHIR/2023+-+05+Helios+Aggregate+Data+Track>
- FHIR Chat - Zulip
<https://chat.fhir.org/#narrow/stream/355141-Helios-Aggregate-Data>
- Helios HL7 Confluence Home Page
<https://confluence.hl7.org/display/PH/Helios+FHIR+Accelerator+for+Public+Health+Home>



JIRA Issues

- All spec issues will be tracked in JIRA
- Link or keep a list on Confluence page
- HL7 Confluence user id and password should work for JIRA



Track Report Out

- What was the track trying to achieve
- Notable achievements
- Screenshots and/or links to further information
- Discovered issues / questions (if there are any)
- What's Next



Participation Checklist

- ✓ Register on HL7 [Event Page](#)
- ✓ Confluence Access
- ✓ Complete Pre – Connectathon Survey
- ✓ Select a Track – [Helios Aggregate Data Track](#)
- ✓ Prepare your Technical Environment
 - ✓ Identify data requirements from a source if you wish to query their FHIR based APIs
- ✓ Sign up on chat.fhir.org (Zulip)
- ✓ Connect with your Track lead & participants
 - ✓ Upcoming track preparation meeting May 1st



FREE Education for Beginners !!!

Linked at the top of main Connectathon Page

- FHIR 101
- How to Read a FHIR IG
- Introduction to US Core Data for Interoperability
- FHIR Testing and Tools Overview

Pages / FHIR Product Family / Connectathons    2,794 views

2023 - 05 Connectathon 33

Created by Sandy Vance, last modified 3 minutes ago

HL7 FHIR Connectathon 33

 New Orleans, Louisiana | May 6 & 7, 2023

9:00 AM CT to 5:00 PM CT

Connectathon Registration Now Open

Early bird registration discount ends April 7th - Register now!!!

Newcomer Orientation - Recording [here!](#)

Connectathon Administrator: Sandy Vance

Reach Sandy at sandy@counterpointsol.com or HL7Connectathon@hl7.org

Newcomer Orientation - Recording [here!](#)



About New Orleans

- Hilton New Orleans Riverside
- Riverwalk .2 miles away
- Bourbon Street and Jackson Square within a mile
- Parking is \$44/self, \$49/valet per day
- Louis Armstrong New Orleans International Airport (MSY) is about 25 minutes away, and the Amtrak station is a mile from the hotel. Shuttle transportation to/from the airport is available (fee applies).



- Weather Forecast:

SAT	SUN	MON	TUE	WED	THU	FRI
6	7	8	9	10	11	12
Avg	Avg	Avg	Avg	Avg	Avg	Avg
86°	86°	86°	86°	87°	87°	87°
67°	67°	68°	68°	68°	68°	68°



Questions?

Helios: Helios@hl7.org

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