Gravity Technical Workstream, Powered By

newwave

&

SAFFRON labs

&

AMA
Join the Gravity Track Today!

Participate in the July CMS Connectathon, powered by Saffron labs

• LAST CHANCE TO REGISTER - you received the email below…

Dear All,

There are a limited number of late registration slots available that can be claimed by registering here. Note that once the event is full, they will not be able to let more people in because of technology thresholds.

Best regards,

The Gravity Project Team

• Gravity Track page here.
• Weekly Gravity Track Planning calls, Wednesdays from 3:00- 4:00 PM ET. Join here.
## Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Connectathon Planning Tasks</th>
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<tr>
<td>06/15/22</td>
<td>Gravity Track Implementor Connection Planning Kick-Off Call</td>
</tr>
<tr>
<td>6/22/22</td>
<td>Continue Discussion of Actor Roles Begin to Develop Personas and Define Scenarios</td>
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<tr>
<td>06/29/22</td>
<td>Confirm Participation and Track Plan Documentation</td>
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<tr>
<td>07/06/22</td>
<td>Finalize Actor Roles and Transactions CMS Implementor Kickoff Info. Session on Monday 7/11</td>
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<tr>
<td>07/13/22</td>
<td>Address Emerging Details, Testing Needs/Assumptions, Ideas for Capturing the Experience and Learnings</td>
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<tr>
<td>07/19/22 - 7/21/22</td>
<td>CMS FHIR Virtual Gravity Project Track July 19-21 Gravity Track Review Session on Wednesday 7/20</td>
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# Agenda

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenter</th>
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<tr>
<td>Weekly Gravity Track Connectathon Schedule (1m)</td>
<td>Jillian</td>
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<tr>
<td>CMS Implementor Kickoff Info. Session on Monday 7/11 (2m)</td>
<td>Jillian</td>
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<tr>
<td>Objectives of Gravity Track (2m)</td>
<td>Greg</td>
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<tr>
<td>Finalize Actor Roles and Transactions (45m)</td>
<td>Greg</td>
</tr>
<tr>
<td>DRAFT CMS Connectathon schedule for Gravity (5m)</td>
<td>Greg</td>
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<td>Next Steps (5m)</td>
<td>Greg</td>
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Please join us at the Connectathon on July 19-21 to participate, test, and learn.

We invite you to join the weekly Gravity SDOH Clinical Care FHIR IG calls. These calls occur Wednesdays 3:00pm-4:00pm EST and the meeting information can be found here.

**Weekly Gravity Track Connectathon Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topics</th>
<th>Webinar Information</th>
</tr>
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<tbody>
<tr>
<td>Next meeting will occur on June 15th</td>
<td>3:00 to 4:00 pm ET</td>
<td>1. Initiate Weekly Connectathon Touchpoint</td>
<td>Join Zoom Meeting <a href="https://zoom.us/j/5328571160">https://zoom.us/j/5328571160</a>&lt;br&gt;Meeting ID: 532 857 1160&lt;br&gt;Phone Number: +1 929-436-2866&lt;br&gt;Participant Passcode: 532 857 1160&lt;br&gt;When joining the Webinar, please ensure to identify yourself by including your first and last name and the name of your organization so that we may identify all participants. Please note that all calls will be recorded for purposes of note taking.</td>
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</table>

HL7 SDOH CC FHIR IG Public Meetings are scheduled Wednesdays from 3:00 to 4:00 pm ET

- See the HL7 meeting calendar here: [http://www.hl7.org/concalls/CallDetails.cfm?concall=54498](http://www.hl7.org/concalls/CallDetails.cfm?concall=54498)

Click here for the Meeting Minutes
Please join us at the CMS Implementor Kickoff Info. Session on Monday, 7/11 10:00- 11:00 AM ET.

The meeting information can be found here.

This will be a high level call as all participants are invited. The focus is on how to access sessions and what tracks will be in attendance.

### Participant Check List

1. Review the Connectathon Track List below and visit Track Pages to learn more.
2. If you’ve never been to a connectathon - review the Newcomer Orientation Recording here!
3. Register for the Connectathon between May 1 and May 31, 2022 by clicking HERE.
4. Review Participant Key Dates below and attend your track’s Implementer Connection Call.

### Connectathon Participant Key Dates:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Notes</th>
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<tr>
<td>4/4/22</td>
<td>Registration closes May 31; 2022 JUNE 30, 2022!</td>
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<tr>
<td></td>
<td>New to FHIR?, Newcomer Orientation - Recording here!</td>
<td>Sessions include:</td>
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<tr>
<td></td>
<td></td>
<td>Intro to FHIR</td>
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<td></td>
<td></td>
<td>How to read an IG</td>
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<td></td>
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<td>US Core</td>
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<tr>
<td></td>
<td></td>
<td>FHIR Testing and Tools</td>
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<tr>
<td>June 10 - 22, 2022</td>
<td>Attend your Track’s Implementer Connection Call and prepare your testing environment.</td>
<td></td>
</tr>
</tbody>
</table>
| 7/11/22 10:00 AM ET | Implementer Information Session Join here | Info Session Agenda
• Whova Navigation
• Connecting with Test Partners
• Sharing your End points in Connectathon Manager
• Tracking Issues in Testing |

The meetings and links to join them are listed on the confluence page here: [https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+FHIR+Connectathon+3](https://confluence.hl7.org/display/FHIR/CMS+2022+-+07+FHIR+Connectathon+3)
Gravity Track CMS Connectathon Objectives

• Demonstrate use of FHIR across the continuum of healthcare and social services

• Explore alignment opportunities across active FHIR-based initiatives:
  • **Gravity Project:** Social Determinants of Health
    • Our objectives for the Connectathon will be decided based on the opinion of the community of participants.
Quick Review of Gravity Track Page
Gravity Track Page Walkthrough (Confluence)

3 Use Cases each with testing scenarios.

2022 Gravity Track Page: https://confluence.hl7.org/display/FHIR/CMS+2022++07+Gravity+SDOH+Track

2022 Gravity Track Page:
Finalize Actor Roles and Transactions
Dr. Casey Payton sees patient Dan Mars and learns that he may have SDOH concerns (Food Insecurity) so asks the case manager to see and assess Mr Mars’s situation since he may not have adequate food access.

The case manager interviews Mr Mars using the HVS questionnaire and assesses that he currently does not have sufficient access to food and is at high risk for not being able to afford food over the next 3 months.

The social worker coordinates with a known and trusted CBO to request services than can help address his food insecurity. The social worker at the CBO, Susan Stars, further assesses Mr. Mars’ needs and matches him the services that best fit his needs. The case manager contacts Susan Stars (or Susan Stars contacts the case manager) to get a status update to understand if they can provide the requested services. Regular status updates are provided by the CBRO to the case manager who then provides a summary status to Dr Casey Payton.

Please reference the use cases on the Gravity Track Page and update the description of your role/scenario on this Actor Roles list.
Dr. Casey Payton sees patient Dan Mars and learns that he may have SDOH concerns (Food Insecurity) so asks the case manager to see and assess Mr Mars’s situation since he may not have access adequate food access. The case manager interviews Mr Mars using the HVS questionnaire and assess that he currently does not have sufficient access to food and is at high risk for not being able to afford food over the next 3 months. The social worker coordinates with a known and trusted CBO to request services that can help address his food insecurity. The social worker at the CBO, Susan Stars, further assesses Mr. Mars’ needs and matches him to the services that best fit his needs. The case manager contacts the CBO with a status update. A final written report is then provided. Regular status updates are sent to CBRO to the case manager who then provides a summary status to Dr. Casey Payton.

Please reference the use cases on the Gravity Track Page and update the description of your role/scenario on this Actor Roles list.
Use Cases

Use Case 1
● Dr Payton has access to HVS assessment (FHIR QuestionnaireResponse) used to evaluate Dan Mars’ food insecurity status/risk
  ○ Confirms/asserts condition after evaluating responses and derived assessment observations

Use Case 2
● Dr Payton creates and sends a service request to the CBO to address food insecurity condition
  ○ Generates a FHIR ServiceRequest accompanied by a FHIR Task, Condition and accompanying QuestionnaireResponse

Use Case 3
● CBO acknowledges and accepts the referral
  ○ CBO updates FHIR Task status

Use Case 4
● CBO provides status update indicating the specific services that Dan Mars is now enrolled in and a status to the provider that the task has been successfully completed
  ○ CBO updates FHIR Task status and includes references to performed services (FHIR Procedures)

Please reference the use cases on the Gravity Track Page and update the description of your role/scenario on this Actor Roles list.
Systems

- Saffron - Pulse / Clarity
- MayJuun (OCL)
- Reference Implementation

CBO Directory

Current implementation searches
Organization endpoint for
Organization.type=cbo
Use Case 1

- Dr Payton has access to HVS assessment (FHIR QuestionnaireResponse) used to evaluate Dan Mars’ food insecurity status/risk
  - Confirms/asserts condition after evaluating responses and derived assessment observations

CBO Directory

Current implementation searches Organization endpoint for Organization.type=cbo
Use Case 2

- Dr Payton creates and sends a service request to the CBO to address food insecurity condition
  - Generates a FHIR ServiceRequest accompanied by a FHIR Task, Condition and accompanying QuestionnaireResponse
Use Case 3

- CBO acknowledges and accepts the referral
  - CBO updates FHIR Task status

CBO Directory

Current implementation searches
Organization endpoint for
Organization.type=cbo
Use Case 4

- CBO provides status update indicating the specific services that Dan Mars is now enrolled in and a status to the provider that the task has been successfully completed
  - CBO updates FHIR Task status and includes references to performed services (FHIR Procedures)

CBO Directory

Current implementation searches
Organization endpoint for
Organization.type=cbo
We will use the existing Reference Implementation sandbox instance for the storage / exchange of FHIR data.

This is available at: https://sandbox.logicahealth.org/

Sandbox Name: Gravity-SDOH-Exchange-EHR
Sandbox Description: Gravity SDOH Exchange EHR Sandbox
Sandbox ID: GravitySandboxNew
Secured FHIR Server URL: https://api.logicahealth.org/GravitySandboxNew/data
Open FHIR Server URL: https://api.logicahealth.org/GravitySandboxNew/open
Sandbox FHIR Version: FHIR R4 (v4.0.1)
HAPI FHIR Server: 5.2.0

Those requiring access will need to provide their email addresses in order for me to send invitations to the Sandbox.
Saffron labs will be creating the required FHIR Resources on the Logica Sandbox over the next few days and will notify participants via email when they are available.

- Practitioner
- Patient
- CBO (Organization)
- PractitionerRole
DRAFT CMS Connectathon schedule for Gravity
DRAFT CMS Schedule for Gravity

CMS will add description around who is testing for the test sessions or remove sessions that won’t be used as soon as Gravity finalizes these details.

**July 20:**
9:00 – 10:00 Scenario and tooling overview (What you’re about to see...)
10:00 – 10:20 – Test demo session one
10:20 – 10:40 Test demo session 2
10:40 – 11:00 Test demo session 3
11:00 – 12:00 Gravity Office Hours – how can developers engage?
Need help with test tools, questions about the scenario, etc
12:00 – 12:30 Gravity Implementer Huddle – Gather those who were part of the test / demo session to plan for the track highlight session

**July 21:**
2:20 – 2:40 Track Highlight featuring those who have implemented the IG and demonstrated during the 20th sessions

Planning Demos Schedule can be found on Confluence by clicking here
Next Steps

• Ensuring Accessibility for Testing
• Others?
Questions?
Gravity Project Interim Tech. Director, Greg Harris: Gregory.harris@newwave.io
Gravity Executive Committee Co-Chair, Aaron Seib: aaron.seib@newwave.io