Connectathon 27 - Scenarios/Scenes

Use Cases

Use Case 1: Create and store in digital form [Content]
Use Case 2: Share [Content]
Use Case 3: Query and access [Content]
Use Case 4: Update (replace) [Content]
Use Case 5: Verify Current version of AD [Content]

Content

Advance Directive Information
( governed-information)

Encounter-Centric Patient Instruction
(practitioner-authored information)

Portable Medical Order for Life-Sustaining Treatments
(practitioner-authored information)

Initial Focus Area for STU1 IG

MVP
Bonus
ADI FHIR IG Connectathon Scope

CDE that may be profiled in the ADI FHIR IG:

Content Type I
- ADI DocumentReference (1)
- ADI Header Composition (2)
- ADI Personal Advance Care Plan Composition (3)
- ADI Healthcare Agent (4)
  - ADI Healthcare Agent Authority (5)
- ADI POLST Observation (6)
- ADI Personal Intervention Preference (7)
  - ADI Organ Donation Observation (8)
  - ADI Autopsy Observation (9)
  - ADI Personal Priorities Organizer (10)
- ADI Care Experience Preference (11)
  - ADI Guardian (12)
  - ADI Consent for Healthcare Agent (13)
  - ADI Provenance (14)

Content Type II
- ADI Obligation Instruction (15)
- ADI Prohibition Instruction (16)
- ADI Advance Directives Organizer (17)
- ADI Advance Directives Observation (18)
- ADI Advance Care Planning Intervention (19)

Profiles that may be used in the ADI FHIR IG but are define elsewhere:
- US Core Patient
- US Core Practitioner
- US Core PractitionerRole
- US Core Organization
- US Core Goal
- US Core Encounter
- US Core Provenance
- RelatedPerson

ADI Consent to Share (20) May be part of health information exchange

Content Type III (Not specified at this time)
M=medical (Inside EMR)
P=portable (Exiting outside a system)

* Health Level Seven and HL7 are registered trademarks of Health Level Seven International, registered with the United States Patent and Trademark Office.
ADI FHIR IG Mapping Progress

ADI FHIR IG Profiling – STU1:

Content Type I

✓ ADI DocumentReference (1)
✓ ADI Header Composition (2)
✓ ADI Personal Advance Care Plan Composition (3)
  • ADI Healthcare Agent (4)
  • ADI Healthcare Agent Authority (5)
  • ADI PMOLST Observation (6)
  • ADI Personal Intervention Preference (7)
  • ADI Organ Donation Observation (8)
  • ADI Autopsy Observation (9)
  • ADI Personal Priorities Organizer (10)
  • ADI Care Experience Preference (11)
  • ADI Guardian (12)
  • ADI Consent for Healthcare Agent (13)
  • ADI Provenance (14)

ADI FHIR IG referenced resources/profiles:

US Core Patient
US Core Practitioner
US Core PractitionerRole
US Core Organization
US Core Goal
US Core Encounter
US Core Provenance
RelatedPerson

* Health Level Seven and HL7 are registered trademarks of Health Level Seven International, registered with the United States Patent and Trademark Office.
Additional Information
Connectathon 27 - Timeline

http://www.hl7.org/events/fhir-connectathon/

Track Proposal Due 3/23
Early Bird Reg Closes 4/23
Registeration Closes 4/30
Track Kickoff 5/5 or 5/12

Connectathon IG Freeze 4/30
Connectathon 27 5/17-19

Track Agenda Due 3/30
FHIR Basic Training 4/26

https://confluence.hl7.org/display/FHIR/2021+-+05+Connectathon+27
https://chat.fhir.org/#narrow/stream/282785-Advance-Directives/topic/Connectathon.2027
## Connectathon 27 – ADI Track Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time (EDT)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>9:30am-10:00am</td>
<td>ADI Introductions</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>10:00am-11:30am</td>
<td>ADI Implementation Guide Review</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>11:30am-12:00pm</td>
<td>Break</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>12:00pm-2:00pm</td>
<td>ADI Build / Test / Validate</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>2:00pm-2:15pm</td>
<td>Break</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>2:15pm-4:00pm</td>
<td>ADI Build / Test / Validate</td>
</tr>
<tr>
<td>Tuesday - 5/18/2021</td>
<td>4:00pm-4:30pm</td>
<td>ADI Wrap up</td>
</tr>
<tr>
<td>Wednesday - 5/19/2021</td>
<td>9:30am-10:30am</td>
<td>ADI Implementer Demos</td>
</tr>
<tr>
<td>Wednesday - 5/19/2021</td>
<td>10:30am-12:00pm</td>
<td>Backup Demo Recording Time</td>
</tr>
<tr>
<td>Wednesday - 5/19/2021</td>
<td>12:00pm-1:00pm</td>
<td>Break</td>
</tr>
<tr>
<td>Wednesday - 5/19/2021</td>
<td>1:00pm-1:15pm</td>
<td>ADI Track highlight</td>
</tr>
</tbody>
</table>
Connectathon 27 - Scenarios

• Scenario 1
  • Create directive, store in a system, and push to another system
  • IG Use Cases:
    • Use Case 1: Create and Store in digital form [Person authored AD Information]
    • Use Case 2: Share [Person authored AD Information]
  • Actors:
    • AD Information Creator
    • AD Information Receiver (edge system or repository)

• Scenario 2
  • Query the directive information and display the results
  • IG Use Cases:
    • Use Case 3: Query [Person authored AD Information]
  • Actors:
    • AD Information Repository
    • AD Information Requester
Connectathon 27 - Success Criteria

• Scenario 1
  • Correctly capturing the information in a client application
  • Pushing that information successfully to the server

• Scenario 2
  • Successfully demonstrate the query pattern defined in Use Case 2
    • Query for the patient
    • Query for document reference
    • Read any advance directive information that you want
HL7 Ballot - Timeline

ADI IG (Work in Progress): https://paciowg.github.io/advance-directives-ig/index.html

FHIR IG Proposal & Migration before 5/17
FHIR Connectathon 5/17-5/19

Patient Empowerment Meeting 7/1
NIB Due 7/04

Patient Empowerment Meeting 7/22
IG Content Freeze 7/23

Ballot Open 8/13-9/13

https://confluence.hl7.org/display/HL7/HL7+Calendars
FHIR Ballot Checklist

• The IG Has been drafted (published on the current build).
• The IG produces no errors or warnings during the build process.
• The sponsoring WG (Patient Empowerment) consider it substantially complete (based on scope) and is ready for implementation.
• The IG has been tested and successfully supports interoperability among 3 independently developed systems leveraging most of the scope (80%+ of the core data elements) using semi-realistic scenarios.
• FMG Approval