



PACIO

PACIO Weekly Meeting

Time: Wednesday, November 17, 2021, 1:30 pm – 2:30 pm ET

Location: ZoomGov Meeting

Meeting ID: 160 985 6747

PACIO Project Website: www.PACIOproject.org

PACIO Project HL7 Confluence:

<https://confluence.hl7.org/display/PC/PACIO+Project>

This meeting is being recorded. In all discussions, members should be aware that meetings are recorded and include representatives of companies that may compete with one another in the marketplace. This working group is a public forum and therefore all information shared will be publicly available.

Summary

1) Leadership Update (Dave Hill)

The Leadership Update slide deck is available on Confluence:

<https://confluence.hl7.org/download/attachments/86977192/2021-11-17%20PACIO%20Leadership%20Update.pptx?version=1&modificationDate=1637247933267&api=v2>

- Re-assessment Timepoints
 - The Implementation Guide (IG) for the January 2022 ballot is available at <http://build.fhir.org/ig/HL7/fhir-pacio-rt/>
 - PACIO Leadership reviewed the purpose and design of the Re-assessment Timepoints IG for newer attendees.
 - FHIR Management Group (FMG) will do an IG quality review at their November 19 meeting.
 - PACIO Leadership will present the IG to Patient Care (co-sponsor) on November 22 and send to Community-Based Care and Privacy (sponsor) prior to November 23 for quality review and approval.
 - Patient Administration Work Group (interested party) had previously reviewed the IG and additional follow-up by subgroup leadership is pending.
- HL7 Balloting and PACIO IG Development Process:
 - Leadership reviewed slide deck graphics displaying:



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- Key timeline dates for balloting including a November 23 content freeze, work group approval by December 2, final content due December 5, ballot opening December 10, and ballot closing January 9, 2022.
- Visual roadmap of the five PACIO Use Cases and process steps displayed by 2019-2023 calendar quarters (e.g., data model, IG development, balloting, reconciliation of ballot comments, publication).
- HL7 Connectathon-29 (January 10-12, 2022)
 - Registration: <https://www.hl7.org/events/fhir/connectathon/2022/01/>
 - Connectathon will be virtual, based in Central Standard Time (CST).
 - Early bird registration deadline is December 4, 2021.
 - Registration closes on December 13, 2021.
 - Participant Checklist and list of all Connectathon tracks: <https://confluence.hl7.org/display/FHIR/2022+-+01+Connectathon+29>
 - HL7 FHIR Newcomer FHIR learning video: <https://vimeo.com/542197402/8fb80fea04>
 - PACIO SPLASCH use case track page: <https://confluence.hl7.org/display/FHIR/2022-01+PACIO+SPLASCH>
- Reminder about cancellation of November 24, 2021, PACIO weekly call

2) Advance Directive Interoperability (ADI) Update (Maria Moen)

- Most recent Advance Directives IG is available at: <http://build.fhir.org/ig/HL7/pacio-adi/>
 - ADI subgroup leadership reviewed ADI concepts and technical decisions from the group's work over the past year summarized at the November 17 subgroup meeting: <https://confluence.hl7.org/download/attachments/97470690/2021-11-17-ADI-Summary.pptx?version=1&modificationDate=1637173980346&api=v2>
 - ADI subgroup leadership provided additional details of the IG design and the full "punch list" of topics is available on the ADI subgroup page on Confluence: <https://confluence.hl7.org/download/attachments/97470690/Overview%20of%20ADI%20FHIR%20IG%2011102021.pdf?version=1&modificationDate=1636569796268&api=v2>
 - November 17 ADI meeting summary information focused on:
 - Patient authored information.
 - Data elements related to Healthcare agents (HCA) including the designation, limitations, powers, modification, revoking, and consents for HCA deviation from stated goals, preferences, and priorities.
 - Concepts determined not to be included in the ADI ballot for Standard for Trial Use-1 (STU-1):



- Compensation for HCA.
- Reliability of information source.
- Nomination of a Guardian.
- HCA and Guardian the Same Person.
- Nominate a Conservator.
- Last week Maria Moen attended the quarterly meeting of the Uniform Law Commission. That group drafted the original 1993 Healthcare Decisions Act, which they are now in the process of updating.
 - Subgroup leadership noted many similarities between possible revisions to the Healthcare Decisions Act and the concurrent work in the ecosystem of standards development.
 - Subgroup leadership reported discussions occurring around:
 - Including patient preferences, quality of life priorities, and upon death considerations.
 - Whether a person is allowed to recommend who they may or may not desire as a court appointed guardian.
 - Whether a notary is required.
 - Whether two witnesses or only one will be required across all states.
 - Whether digital copies and electronic signatures are acceptable.
- Feedback from the PACIO community is encouraged during the ADI IG development process, either formally during the ADI IG balloting process through HL7 opening on December 10 or informally during calls/meetings.
- November 24, 2021 ADI subgroup meeting is cancelled for the Thanksgiving holiday.

3) **SPLASCH Update** (Brian Meshell and Joanne Wisely)

(**S**peech, **L**anguage, **S**wallowing, **C**ognitive **C**ommunication, and **H**earing)

- SPLASCH Presentation slides are available at:
<https://confluence.hl7.org/download/attachments/91998515/2021-11-16-SPLASCH-Summary.pptx?version=2&modificationDate=1637189533641&api=v2>
- The SPLASCH January 2022 HL7 Connectathon track schedule and other Connectathon details are available at:
<https://confluence.hl7.org/display/FHIR/2022-01+PACIO+SPLASCH>
- Connectathon Track will focus on the exchange of information between a hospital and skilled nursing facility (SNF).
 - Implementors are needed for system roles at the Connectathon, including:
 - SPLASCH information repository (server)
 - Hospital (client)
 - Skilled Nursing facility (client)
 - Patient or family member (client)



- Subgroup leadership reviewed the SPLASCH data model:
 - Emphasis is on patient focused data elements able to be collected by interdisciplinary care team members.
 - Subgroup leadership proposed two sets of response options to the Functional Communication Measures (FCM) (numerical vs. categorical) for the observations due to differences in the professional backgrounds of those collecting the data.
 - Three FCM and six sub-tasks were determined to be the highest priority data elements:
 - Spoken Language Comprehension (Tasks 4 and 6)
 - Spoken Language Expression (Tasks 5, 6, and 7)
 - Swallowing (Task 4)
 - The group discussed possible ways to provide clarity around the terms “high demand” and “low demand” situations.
 - Ensure the IG design clarifies the difference between the patient’s environmental levels of “demand” vs. the complexity of messages understood by the patient.
 - The definitions of high and low demand situations are found on the original FCM document from the American Speech-Language-Hearing Association (ASHA). However, with FHIR data exchange, there may need to be a context, grouping, or definitions included in the IG to augment how information is presented for improved understanding by the person reading the information.
 - In the FCM example below, items in the parenthesis modify the term “complex messages” and not the closer in proximity words of “low demand situations”. Consideration for where the parenthesis is located may need to be addressed and/or other methods of information organization for those who are less familiar with the terms than a Speech Language Pathologist (SLP).
 - “How often does the individual understand complex messages, as expected for chronological age, in LOW demand situations (e.g., story/lecture, sequencing of events, drawing appropriate conclusions, inferences, humor, subtle references)?”
- SPLASCH subgroup meets on Tuesdays from 3-4 pm ET and anyone interested in joining may email Brian Meshell at bmeshell@mitre.org to be added to the invitation and communication lists.
 - SPLASCH meeting information, prior week materials, and recordings are available on Confluence at:
<https://confluence.hl7.org/display/PC/PACIO+Project+SPLASCH+-+Speech%2C+Language%2C+Swallowing%2C+Cognitive+Communication%2C+and+Hearing>

4) Walk on Topics



- A member asked what could be done to improve transitions of care between settings when Cognitive and Functional status assessment data may be old or “outdated.” What could be done to ensure that data exchanged between settings at transitions is current data and not simply only from prior standardized assessments?
- PACIO leadership explained it is possible to look at the recently published Cognitive and Functional Status IGs to consider the more real-time transitions in care situation as changes would be made for Standards for Trial Use- 2 (STU-2). Additionally, constraints could be added restraining the LOINC codes that could be used (focus on Cognitive and Functional codes).
- Another member raised the question if multiple teams working on FHIR could collaborate to create a “Transfer Care Summary”. Opportunities might exist with DaVinci, CARIN, CodeX, and Gravity.
 - A member questioned whether information transmitted in a summary would be the most recent content exchanged at the level of the individual data or the level of groups of data?
 - PACIO leadership mentioned this is an issue that the Advanced Directives Interoperability (ADI) Tech Team is also addressing (e.g., multiple subparts present and whether the most recent parts of each could be transmitted and tracked by date or if the entire bundle is transmitted).
- The group discussed the role of IGs in the entire data exchange process and how they can encourage implementers to focus on the exchange of the most recent data, but how it is up to the implementers to determine what specific data is chosen to be exchanged. Regulatory and market forces impacting implementers and how well their products are designed to meet the clinical needs are likely strong drivers to change.

5) Documentation of Decisions and Action Items

6) Adjourn