



PACIO

PACIO Weekly Meeting

Time: Wednesday, April 7, 2021, 1:30 pm - 3:00 pm EST

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 (Siama Rizvi)

- Reviewed important dates and checklists for the HL7 May 17-19, 2021 Connectathon:
 - **Registration:** <https://www.hl7.org/events/fhir/connectathon/2021/05/>
 1. Early Bird Deadline 4/23/2021
 2. Registration Deadline 4/30/2021
 - **Participant Check List:** <https://confluence.hl7.org/display/FHIR/2021+-+05+Connectathon+27>
 - **HL7 FHIR Connectathon Basic Training (Free):** <https://www.hl7.org/events/da-vinci/2021/04/training.cfm>

2) Speech, Language, Swallowing, Cognitive Communication, and Hearing (SPLASCH) Use Case Update (Jamila Harley)

- The Orders and Observation Work Group and Clinical Interoperability Council (CIC) reviewed the project proposal in HL7's JIRA (PSS-1788) **and** declined to sponsor or co-sponsor SPLASCH but would like to be an interested party.
- Jamila is reaching out to the Patient Care, Community-Based Care & Privacy, and Structured Documentation Work Groups to see if they would be interested in sponsoring.

3) Advance Directive Interoperability (ADI) Use Case Update (Maria Moen)

- The ADI with FHIR Subgroup meeting reviewed the Connectathon Use Cases, the planned profile creation, and adjudication method details.



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- Maria provided an overview of the adjudication process the 3 volunteer groups will be working on using the environmental scan. The primary goals are to validate:
 - Spreadsheet statements are accurately extracted from the source form.
 - Model of meaning and alignment of the concept is correct for each statement.
- PACIO members interested in participating in this work should contact Maria (mmoen@advaultinc.com) or Tina Wilkins (twilkins@mitre.org).
- Resources:
 - **Adjudication Forms:** <https://confluence.hl7.org/display/PC/ADI+%28Adv+Dir+Interop%29+in+FHIR+Materials>
 - **Draft Implementation Guide (IG):** <https://paciowg.github.io/advance-directives-ig/>
 - **IG Questions / Comments:** <https://chat.fhir.org/#narrow/stream/282785-Advance-Directives>
 - **Advance Directive Interoperability (ADI) Track Description for the HL7 May Connectathon:** <https://confluence.hl7.org/display/FHIR/2021-05+PACIO+Advance+Directive+Interoperability>.

4) Ballot Reconciliation Update (Caleb Wan)

- Block 3 Vote
 - PACIO Leadership submitted to the Patient Care Work Group twelve items for Block Vote 3 consideration/approval at their April 12 meeting.
- Block 4 Vote
 - Observation.value and CodeableConcept (FHIR-29421 and FHIR-29420)
 1. Two ballot comments centered around why the Observation.value is restrained to just the CodeableConcept data type.
 2. Caleb reviewed the FHIR structure where Bundled Cognitive status profile stores a set of questions/answers, and the Cognitive Status profile stores a single question/answer.
 3. A LOINC code is used for the question and another code is used for the value. The original desire was to have a discrete field and code for each answer which could be accomplished by restricting the value field to the type "CodeableConcept".
 - a) PACIO leadership brought this ballot comment to two Work Groups (Patient Care and Community-Based Care & Privacy), which advised not to constrain the field, but rather to provide guidance within the IG regarding optimal usage.
 - b) The PACIO team was also advised how to use the quantity type to display the score value instead.



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4. The ballot comments were persuasive and the constraint on the Observation.value field will be removed. Comments will be added to the IG to provide guidance on using the CodeableConcept as the preferred type (e.g., if you have a code, it should be entered). Examples in the IG will be updated to use Quantity type for total score values.
- Renaming the “Bundled Cognitive Status” profile (FHIR-29989)
 - The concern with the current name is possible confusion with the FHIR Bundle Resource, which this profile does not use.
 - On 3/31/21 the PACIO community proposed a new name “Cognitive Status Collection.”
 - The group raised no additional concerns today and agreed to change the name to “Cognitive Status Collection.”
 - Observation.status field and when to use “final” (FHIR-29415)
 - The ballot commenter’s concern with current IG descriptions was if “final” is the only available option for the Observation.status field, they suggested it should be a fixed term.
 - The PACIO team clarified that other values could be used and will amend the IG to provide guidance for when it is appropriate to use the value “final” for Status. Caleb reviewed other potential values in the Observation.status field.
 - Assistance Required Extension and Bindings (FHIR-29981 and FHIR-29992)
 - The extension on the Cognitive Status IG is correct, but the Functional Status IG has the wrong description on the “Assistance Required” extension.
 - The extension is not currently bound, and discussion occurred around the appropriate binding level. PACIO leadership discussed various binding definitions and uses. One consideration is that the binding be changed to “extensible”.
 1. One attendee commented that “Assistance Required” data is mandatory to be collected in acute care settings, so we would want to encourage use of those codes.
 2. Extensible binding has specified coded values but allows for additional text to be added if needed.
 - The group did not reach consensus yet and these two items will be removed from Block Vote 4.
 - Event-location Extension (FHIR-29991)
 - The event-location extension is a pre-existing extension from outside of the IG and is not defined within it. Therefore, the balloter’s comments of a potential cut and paste error are not persuasive and do not apply to the IG.
 - Block Vote 4 approval of FHIR-29421, FHIR-29420, FHIR-29989, FHIR-29415, and FHIR-29991.
 - Jessica Skopac moved to approve, and Joy Doll seconded.
 - The motion passed 30-0.



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- Revisiting Name of “Prior Level of Cognitive Function” profile (FHIR-29980)
 - The group still is deciding whether to remove the use of “Prior” to avoid confusion about temporal meaning.
 - The group felt that the “effective date” could help clarify the word “prior”.
 - The original ballot comment did not object to the word “prior”, but rather felt that the specific meaning was not clear in the IG.
 - The team will clarify the description in the IG and bring the revised language back to the PACIO Community for further discussion.
- Need Advice: FHIR-29425
 - This ballot comment posed 3 concerns, one of which will be addressed by the disposition for the extension on the “Assistance Required” as discussed above.
 - Additional concerns focus on understanding from the IG content two areas: (1) the context of the value presented for “Assistance Required”; and (2) the reason it is only used in the “Prior Level of Cognitive Function” profile and not the other profiles.
 - One member suggested if there were a codeable level question with a defined set of answers, that question of context would go away.
 - Additional discussion will continue next week.
- Resources:
 - To view the balloted IG:
<http://hl7.org/fhir/us/pacio-cs/2021Jan/index.html>
 - To see applied changes for Block Vote items:
<https://paciowg.github.io/cognitive-status-ig/index.html>
 - To browse ballot comments for Block Vote items:
 1. Go to HL7 JIRA <https://jira.hl7.org/browse/FHIR-30005> and search for ballot comments with the JIRA issue ID. (e.g., FHIR-29998)

5) Walk-On Topics

6) Documentation of Decisions and Action Items

- Block vote 4 approved (with FHIR-29981 and FHIR-29992 excluded).

7) Adjourn