



# PACIO

## **PACIO Weekly Meeting**

Time: Wednesday, September 29, 2021, 1:30 pm - 3:00 pm ET

**Location:** ZoomGov Meeting

**Meeting ID:** 160 985 6747

**PACIO Project Website:** [www.PACIOproject.org](http://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) Advance Directive Interoperability (ADI) Update (Maria Moen & Corey Spears)**

- ADI Subgroup update:
  - The September 29 ADI Subgroup call focused on:
    1. Overview of HL7 September Connectathon results.
    2. Comments submitted on United States Core Data for Interoperability (USCDI) for Advance Directives (AD) with focus on “model of meaning” in data sharing over specific form types.
    3. Goals and/or preferences as ordered by the patient’s priority.
    4. “Concept Review Status” document compiled by Subgroup leadership highlighting the concepts, LOINC code mapping, ADI community comments, and outstanding issues/tasks.
- United States Core Data for Interoperability (USCDI) AD Update
  - Comments for USCDI version 3 are due September 30 and members are encouraged to post public comments about AD at <https://www.healthit.gov/isa/uscdi-data-class/advance-directives>
  - PACIO leadership shared the PACIO community created summary of the 2020 (original) submitted Advance Directive data class and data elements (USCDI Level 1) mapped to the 2021 (refined) data elements recommended for advancement in the USCDI to Level 2 status.
  - PACIO leadership referred the group to the ONC New Data Element and Class (ONDEC) system comments on AD information that Lisa Nelson submitted on 9/28/21. The submission includes:



1. Advance Directive specific data class/element modifications and recommendations for advancement to USCDI Level 2. These comments reflect PACIO's additional terminology work and Implementation Guide (IG) testing since the 2020 data element submissions in ONDEC.
  2. A collaborative summary document created by members of the PACIO community to describe the rationale and overarching framework for the new recommendations. The document is available at:  
[https://www.healthit.gov/isa/sites/isa/files/2021-09/USCDIv3%20ADI Comments 20210927v3.pdf](https://www.healthit.gov/isa/sites/isa/files/2021-09/USCDIv3%20ADI%20Comments%2020210927v3.pdf)
- Lynda Hoeksema made a motion (seconded by Matt Elrod) recommending formal PACIO support documented in the ONDEC submission system for the data class/element recommendations within the document mentioned above and their advancement to USCDI level 2 status. The motion passed unanimously (26-0) with no abstentions.
  - PACIO leadership will enter comments in the ONDEC system documenting the PACIO Community's support for these recommendations.
- ADI HL7 Connectathon-28 Testing Update
- Summary slides are available at:  
<https://confluence.hl7.org/download/attachments/86977192/2021-09-29%20PACIO%20ADI%20Update.pdf?version=1&modificationDate=1633368157954&api=v2>
  - ADI has fulfilled IG testing requirements prior to the HL7 balloting process.
  - ADI's sponsoring work group (Patient Care - PCWG) will need to approve and submit the Notice of Intent to Ballot (NIB) by October 31 to proceed with a January 2022 ballot for ADI.
  - The Tech Team made major IG changes prior to the Connectathon after seeking input from multiple HL7 working groups including PWCG, Patient Empowerment, Community Based Care & Privacy (CBCP), and Security.
    1. Members can refer to the meeting's audio recording for the rationales behind the numerous IG changes listed in the summary slide deck.  
<https://confluence.hl7.org/download/attachments/86977192/2021-09-29-audio1138969098.m4a?version=1&modificationDate=1632949787175&api=v2>
    2. Highlights of changes include:
      - a) Encapsulated Document Bundle (searchable with DocumentReference). Signatures occur at this level.
      - b) Profiled Consent for Healthcare Agent Resource
        - Three scopes: Healthcare Agent, Powers of Healthcare Agent, and Limitations of Healthcare Agent.



- c) Changed Goals, Preferences, and Priorities (GPP) Under Certain Health Conditions to a “Preference CarePlan”.
  - Preference CarePlan provides the clinical context.
  - Preferences changed to three types of goals (Intervention Preference Goal, Personal Goal, Care Experience Preference Goal).
- The Connectathon-28 ADI Track involved 18+ participants from 5 systems and 5 developers. The summary slides referenced above document notable achievements.
- Reviewed issues that surfaced during testing and discussed investigations of outstanding questions.
  1. Recommending FHIR specification guidance for how to resolve a Reference in “documentReference” (including document bundle vs. binary).
  2. Handling digital signatures (embedded or detached).
  3. Differentiating each ADI CarePlan by including a Name and a Summary to allow for increased identification and usability when displayed.
- Reviewed next steps including adding more implementors, building out reference implementations for testing, continuing to improve Inferno Test scripts, correcting sample data, and going to ballot January 2022 for Standard for Trial Use 1 (STU1).
- Some members expressed concern the general population may not understand the AD information they are entering, especially based on the IG structure and terminology reviewed here. PACIO leadership reminded everyone the IG is not meant to provide either the user interface or directions for how information is used. Those are the responsibilities of those implementing the IG. The focus is on aligning concepts with standardized terminology and transmission methods, which will enable computer systems to recognize and parse data into appropriate groupings for information exchange.

## 2) Leadership Update (Dave Hill)

- The leadership slide deck is available at:  
<https://confluence.hl7.org/download/attachments/86977192/2021-09-29%20PACIO%20Leadership%20Update%5B21%5D.pptx?version=1&modificationDate=1633006345635&api=v2>
- HL7 Working Group meeting updates
  - PACIO Leadership:
    1. Described the purpose and structure of Work Group (WG) Meetings.
    2. Reported success presenting PACIO highlights to all sponsoring/co-sponsoring Work Groups at multiple meetings.



3. Shared plans to discuss “Consent” with Community Based Care and Privacy (CBCP) WG, but schedule challenges resulted in a need to address during the next CBCP weekly meeting.
  4. Determined need for a separate 90-minute “Birds of a Feather” PACIO session during January 2022 WG Meetings. This will provide more time and opportunities to work through ballot reconciliation during regular WG “quarters”.
- General WG Meeting Highlights:
    1. FHIR R5 will be in the May 2022 ballot instead of January 2022, potentially affecting the number of IGs that have an opportunity to ballot in May 2022.
    2. HL7 Technical Steering Committee created new “Terminology Services Management Group” (TSMG). The TSMG value set work will likely impact several PACIO use cases.
    3. The ConMan tool will have a larger future role, including the possible addition of ConMan metrics into the IG approval process.
  - Other HL7 News
    - New FHIR Accelerator focused on Public Health.
    - New ONC FHIR At Scale Taskforce (FAST) FHIR Accelerator.
    - New HL7 Implementation Division.
  - USCDI version 3 update:
    - PACIO submitted comments to ONC on Advance Directives data class/elements, as referenced above.
    - The Gravity FHIR Accelerator (Social Determinants of Health) reached out to PACIO for review and consistency on their comments about advance directives.
    - The CodeX FHIR Accelerator (Oncology) submitted comments on proposing Cognitive Status data classes and reached out to PACIO for review and consistency.
    - A member asked for other’s thoughts about a USCDI data element submission specific to a functional status instrument. Individuals can submit any comments to the ONC on the USCDI submission site by September 30.
  - HIMSS 2022 Update
    - PACIO ADI Subgroup leadership submitted an abstract titled “Advanced Care Planning Hits the 21<sup>st</sup> Century with FHIR” for both a Conference Session and the Interoperability Showcase.
    - HIMSS 2022 conference is scheduled for March 14-18, 2022 (Orlando, FL)
  - Functional Status and Cognitive Status Update
    - PCWG approved Functional Status and Cognitive Status IGs for STU1 publication after previously approving the ballot resolutions.



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- PACIO leadership plans to meet with FHIR Management on 9/29/21 and HL7 Technical Steering Committee soon after to obtain publication approval.
- Re-assessment Timepoints Update
  - PACIO leadership prepared a draft Notice of Intent to Ballot (NIB) for CBCP WG to approve and then submit for a January 2022 ballot.
  - PACIO leadership prepared a draft IG Proposal for FHIR Management Group (FMG) to approve.

### 3) SPLASCH Update (Joanne Wisely/Jamila Harley)

(Speech, Language, Swallowing, Cognitive Communication, and Hearing)

- SPLASCH Presentation slides are available at <https://confluence.hl7.org/download/attachments/86977192/2021-09-29-Sept29PLASCHupdate.pdf?version=1&modificationDate=1632949855708&api=v2>
- Project Scope Statement (PSS) approval process
  - All sponsor (PCWG) and co-sponsor (CBCP) approvals completed.
  - HL7 Project Management Office (PMO) to enter PSS into Project Insight.
  - PACIO leadership has pending meetings with FMG (9/29) and US Realm (10/5) to request PSS approval.
  - Anticipate ballot as early as May 2022.
- Patient Story Update
  - Completed Scene 2 (Hospital) and moving to Scene 3 (Skilled Nursing Facility).
  - Requested community feedback on data elements and types of assessments important during transitions of care.
- SPLASCH use case lead invited everyone to review SPLASCH proposed content and join the bi-weekly meetings (next meeting October 5, 2021 3-4pm EST).
- Information can be accessed on the SPLASCH Confluence page: <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 for community comment on “Functioning” as a data class name compared to an alternative name of “Activities of Participation”. Another member mentioned semantic challenges from an international perspective and discussion ensued about the breadth of those terms and their relationship to the International Classification of Functioning, Disability, and Health (ICF).



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- The group further discussed the concepts of “cognition” and “functioning” and how best to address the components relating to each. Further modeling may be necessary.
- The PACIO community has been instrumental in beginning discussions around these concepts during the initial IG work completed for STU1. Collaborative input from the greater community will be important as this work matures.

## **5) Documentation of Decisions and Action Items**

- PACIO will submit in the ONDEC system recommendations for the Advance Directive data class/elements and their advancement to USCDI level 2 status.

## **6) Adjourn**