



## PACIO Weekly Meeting

Time: Wednesday, January 5, 2022, 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) SPLASCH: HL7 Connectathon-29 Track Kickoff

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

- Track Leads Jamila Harley and Brian Meshell presented the PACIO SPLASCH Connectathon Kickoff
- PACIO Connectathon Track Page:  
<https://confluence.hl7.org/display/FHIR/2022-01+PACIO+SPLASCH>
  - Track Kickoff slide deck:  
<https://confluence.hl7.org/download/attachments/86977192/01-05-2022%20Kickoff%20SPLASCH%20Jan%20HL7%20Connectathon%20Slides.pptx?version=1&modificationDate=1641565265569&api=v2>
  - Track Kickoff call audio:  
<https://confluence.hl7.org/download/attachments/86977192/2022-01-05-PACIO-SPLASCH-Track-Kick-Off.m4a?version=1&modificationDate=1641422814128&api=v2>
- SPLASCH IG: <https://paciowg.github.io/splasch-ig/>

### 2) Leadership Update (Dave Hill)

- The Leadership Update slide deck is available on Confluence:  
<https://confluence.hl7.org/download/attachments/86977192/2022-01-05%20PACIO%20Leadership%20Update.pptx?version=1&modificationDate=1641565087306&api=v2>
- HL7 Connectathon-29 (January 10-12, 2022)



# PACIO

- Connectathon will be virtual, based in Central Standard Time (CST).
- Contact Brian Meshell at [bmeshell@mitre.org](mailto:bmeshell@mitre.org) if interested in participation in the PACIO SPLASCH Connectathon track.
- HL7 Work Group Meetings (January 18-21, 2022)
  - Meetings will be virtual, based in Central Standard Time (CST).
  - Working Group registration remains open until a couple days prior [https://www.hl7.org/events/working\\_group\\_meeting/2022/01/](https://www.hl7.org/events/working_group_meeting/2022/01/)
- Upcoming PACIO presentations:
  - January 18, 2022: HL7 Work Group Meeting “Birds of a Feather” Session [https://www.hl7.org/events/working\\_group\\_meeting/2022/01/](https://www.hl7.org/events/working_group_meeting/2022/01/)
  - January 20, 2022: Forcura Connect Summit “Your 2022 Interoperability Playbook” <https://www.forcura.com/connect-summit>
  - March 16, 2022 (11:30am-12:30pm) HIMSS “Advance Care Planning Hits the 21<sup>st</sup> Century with FHIR” <https://www.himss.org/global-conference/session-advance-care-planning-hits-21st-century-fhir>
- Ballot Update
  - PACIO has two ballot IGs
    - Advance Directives Interoperability <http://hl7.org/fhir/us/pacio-adi/2022Jan/>
    - Re-assessment Timepoints <http://hl7.org/fhir/us/pacio-rt/2022Jan/>
  - Ballot voting opened December 10 and closes January 10, 2022.
  - PACIO leadership encouraged those without voting rights to review and have someone in the ballot pool vote on their behalf or file a JIRA comment (non-voting) at <https://jira.hl7.org/projects/FHIR>
- PACIO Ballot Dashboards
  - New PACIO dashboard (master) to track balloting on projects: <https://jira.hl7.org/secure/Dashboard.jspa?selectPagelId=14008>
  - Advance Directive Interoperability (ADI) dashboard: <https://jira.hl7.org/secure/Dashboard.jspa?selectPagelId=14006>
  - Re-assessment Timepoints dashboard: <https://jira.hl7.org/secure/Dashboard.jspa?selectPagelId=14007>
  - PACIO leadership reported the current numbers of votes cast are consistent in numbers to other ballot IGs. Most votes usually come during the last days/hours prior to ballot closure.
  - Ballot review process:
    - ADI Subgroup leadership has already begun looking at ballot comments submitted to date.
    - The Subgroups will triage and address ballot comments prior to bringing proposed responses to the larger PACIO Community for discussion/approval.



### 3) Cognitive Status and Functional Status STU-2 Update (Dave Hill)

- Slides are available at:  
<https://confluence.hl7.org/download/attachments/86977192/2022-01-05%20Cognitive-Functional%20Status%20STU2.pptx?version=1&modificationDate=1641565108308&api=v2>
- STU2 considerations include:
  - Potential structural changes with representation of summary scores
  - Need for tighter code systems and value sets (currently STU1 simply references LOINC)

### 4) Discussion: PACIO IG Framework “Think Tank”

- Gravity Project did groundbreaking work in FHIR (along with US Core 4.1.0) to simplify the number of required profiles for different content domains.
- The data PACIO and Gravity exchange have a lot of the same structure, even though the content domains and vocabulary differ.
  - Creating different FHIR profiles for each type of healthcare domain would result in hundreds of different profiles.
  - Gravity recommends the use of domain specific value sets when different types of health data need to be exchanged.
    - Example: SDOH Conditions are the preferred (not required) value set (compared to US Core Condition Code) with the profile of SDOH Condition.code.
    - Multiple SDOH content domain value sets (housing, food, etc.) as a group make up the parent “SDOH Conditions” value set.
  - PACIO is investigating adoption of the Gravity strategy including the creation of a single IG for Cognitive Status, Functional Status and potentially SPLASCH.
- Foundational domain grounding:
  - Gravity used the NASEM 2014 document titled “Capturing Social and Behavioral Domains in the EHR” to help identify content domains.
  - PACIO could consider use of the “International Classification of Functioning, Disability and Health” (ICF) framework to identify content domains within the post-acute care ecosystem (and beyond).
    - ICF looks at how a health condition (disorder/disease) and environmental and personal factors impact a person’s body functions/structures, activities, and participation.
    - Further information about ICF is available at:  
<https://www.who.int/standards/classifications/international-classification-of-functioning-disability-and-health>
  - ICF has four interactive, dynamic higher levels components:



# PACIO

- Body Function
  - Body Structure
  - Activities and Participation
  - Environmental Factors
  - The group discussed how the model shows how these components are integrated as described in this reference:  
[https://www.cdc.gov/nchs/data/icd/icfoverview\\_finalforwho10sept.pdf](https://www.cdc.gov/nchs/data/icd/icfoverview_finalforwho10sept.pdf)
    - “Functioning” is the umbrella term
    - Items found within the four main components work together to impact the ultimate “functioning” of a person.
    - Functioning must be considered from the perspective of the patient and what they consider to be their impairments, not just what a clinician observes to be their impairments.
      - Example: The ability to walk a mile might be considered “impaired” by a former marathon runner but considered “wonderful” by another person.
      - In either case, some standardized instruments would only capture this as walking with “no assistance required”. However, there could still be a level of impairment from the patient’s point of view based on their personal desires and goals for functioning.
  - Key questions to consider about patient/clinician relationship:
    - What brings the patient to us (as their clinician) at this particular point in time?
    - What is it that a clinician needs to know about an individual that truly helps to describe their functioning to others involved in their care?
    - How does what we know about a person impact how we document their functioning?
  - Key questions to consider about what is important to the patient:
    - What is meaningful to them? If what we do is not meaningful to the patient, then why are we doing it?
    - What is it that a person wants to be able to do?
    - How can we help a person reach their goals and do that thing they want to do how they want to be able to do it? (i.e., with less difficulty)
  - Key questions about the interdependence of systems:
    - What stage is the person in? What stage is the environment in? What activity or occupation are they choosing to engage in where they need to optimize their functioning?
- The CDC reference linked above describes ICF model application within patients having similar conditions (disease processes), yet they experience different functional outcomes due to the intersection of all the components (e.g., body structures and functions interacting with activities and participation, while also modified by environmental and personal factors), in addition to the individual’s health condition.



- The group reached consensus to continue to discuss and explore the adoption of the Gravity model. These concepts align nicely with the approach to individualized patient care provided by multiple professions, including, but not limited to, physical therapy, occupational therapy, and nursing.
- How does PACIO want to undergo this “visioning” process? (e.g., identifying the problem, we want to solve, value added, stakeholders, ecosystem layers)
- PACIO can create a framework and workflow around the concept of functioning. Doing so we need to:
  - Think through the entire use case.
  - Recognize that a patient’s goals and desires may change over time, just as their functioning does.
  - Recognize that functioning concepts extend beyond Post-Acute Care (PAC) settings and are not bound to time, location, or patient age.
  - Determine how value sets could be created that would work in PAC and other environments of care.
- PACIO Leadership requested community members to share written examples from across the nation/world of how the ICF model has been used to help inform the creation of a framework for this work.
  - Information may be sent to Lynda Hoeksema at [lhoeksema@mitre.org](mailto:lhoeksema@mitre.org).
- The group reached consensus to devote time to continue this framework creation by extending the weekly PACIO meeting time back to 90 minutes and devoting the second half to this topic each week. Those not interested may drop off the call early.

## 5) Walk on Topics

- None today.

## 6) Documentation of Decisions and Action Items

- January 12, 2022 PACIO meeting will be cancelled due to the concurrent HL7 Connectathon.
- January 19, 2022 PACIO meeting will be cancelled due to the concurrent HL7 Workgroup meetings.
- Extend the weekly PACIO meetings back to 90 minutes and have the PACIO IG Functioning Framework “Think Tank” agenda item addressed for 30-45 minutes on a weekly basis.

## 7) Adjourn