Understanding the HL7 International Organization

An Orientation to Working Group Meetings, Process and Governance

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Agenda

• HL7 International
  – Vision and Mission
  – Organization and Governance
  – History
  – Workgroups and Process
• Working Group Meeting
  – What is it?
  – How to plan your September 2020 Working Group Meeting
• Questions
HL7 International’s Vision

A world in which everyone can securely access and use the right health data when and where they need it.
HL7 International’s Mission

HL7 empowers global health data interoperability by developing standards and enabling their adoption and implementation.
HL7 International

- Standards Development Organization (SDO)
- Open and Consensus-based
- Volunteer driven

https://confluence.hl7.org/display/HL7/Understanding+the+Standards+Process
HL7 is ANSI accredited

- One of several American National Standards Institute (ANSI) accredited SDOs in healthcare.
- Follows ANSI requirements for consensus-based standards development.
Who participates in HL7?

Vendor/Manufacturer
Consultant
Healthcare Provider/User
Associations/Government Agencies/Universities
Payer/Third Party Administrator
Pharmaceutical
HL7 Affiliate Organizations

• Represents their country/territory at HL7 International:
  – Participates in Governance of HL7
    • International Council
  – Participates in HL7 standards development
• Represents HL7 within their country/territory:
  – Promotes and trains on the use of HL7 standards
  – Fosters local HL7 community
  – Translates and localizes the HL7 specifications
HL7 International Affiliates / Countries

Argentina
Australia
Austria
Belgium
Bosnia and Herzegovina
Brazil
Canada
Chile
China
Croatia
Czech Republic
Denmark
Finland
France
Germany
Greece
Hong Kong
India
Italy
HL7 International Affiliates / Countries

- Japan
- South Korea
- The Netherlands
- New Zealand
- Norway
- Pakistan
- Philippines
- Poland
- Portugal
- Romania
- Russia
- Saudi Arabia
- Singapore
- Spain
- Sweden
- Switzerland
- Taiwan
- United Kingdom
- Ukraine
- Japan
- South Korea
- The Netherlands
- New Zealand
- Norway
- Pakistan
- Philippines
- Poland
- Portugal
- Romania
- Russia
- Saudi Arabia
- Singapore
- Spain
- Sweden
- Switzerland
- Taiwan
- United Kingdom
- Ukraine
HL7 INTERNATIONAL: HOW IS IT GOVERNED?
HL7 Board

• Overall governance of HL7 – Strategic Focus

• Committees and Councils
  – International Council
  – Advisory Council
  – Executive Committee
  – Leadership Development and Nominations Committee
  – Finance Committee
  – Governance and Operations
  – Policy Advisory Council
  – Awards and Recognition
  – Technical Steering Committee
Technical Steering Committee

• Technical leadership to the HL7 organization
• Primarily made up of representatives from Workgroup leadership.
• Related Governance Groups
  – US Realm Steering Committee
  – Standards Governance Board (and product management groups)
  – Steering Divisions
  – Architectural Review Board
  – HL7 Terminology Authority
  – Education Advisory Council
Operations

- Responsible for the administration functioning of the HL7 organization
- US Headquarters in Ann Arbor and Europe Office in Brussels

http://www.hl7.org/about/hl7staff.cfm
Organizational Chart
FHIR Accelerators

Communities and collaborative groups across the global health care spectrum working within HL7 to create and adopt FHIR Implementation Guides in focused areas.
HL7 INTERNATIONAL: HOW WE GOT HERE
Timeline of HL7


First meeting V2.0 V2.2 V2.3 V2.3.1 CDA v2.5 CDA 2.0 V2.7 FHIR DSTU1 FHIR DSTU2 V2.8 FHIR STU3

v1 V2.1 V2.2 Arden Syntax v2.4 V3.0 V2.6 FHIR draft Norm V3.0 FHIR R4

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HL7 INTERNATIONAL: DEVELOPING STANDARDS TODAY
HL7 Current Standards Work

• Main Product Lines: **FHIR**, CDA, and V2
• And More: EHR Functional Model, Arden Syntax, V3 Messaging, etc.

• All work organized in PROJECTS
  – Project Scope Statement (PSS) initiates a project
HL7 Standards Development Basics

1. Initiate Project
2. Prepare Document for Ballot
3. Ballot
4. Ballot Reconciliation
5. Passed?
   - NO
   - YES
6. Prepare Document for Publication
7. Published Standard

Connectathons
Work is done in Workgroups

• Responsible for developing and maintaining the standards.
• Many work groups covering the spectrum of the healthcare space.
• All work groups are open to participation
Find the Workgroups at hl7.confluence.org
About Workgroups

• Mission and Charter
• Leadership
  – co-chairs, facilitators
• Membership
  – defined by active participation and list server subscription
• Formal Decision Making Practices (DMP)
  – Based on HL7 Bylaws, HL7 Governance and Management policy, and Robert’s Rules of Order
Workgroup Collaboration

• Meetings
  – Weekly conference calls
  – Tri-annual Working Group Meeting
  – Connectathon Participation
  – Joint meetings
  – Meeting times, Agendas and minutes all on Confluence
Workgroup Collaboration

• Between Meetings
  – Confluence.hl7.org
  – Chat.fhir.org and Email (list server)
  – E-votes
Confluence Home Page for Patient Administration

Dashboard

Patient Administration
Created by David Johnson, last modified by Line Saele on May 26, 2020

Welcome to Patient Administration Work Group pages!

Patient Administration Work Group Mission:
The Patient Administration Work Group supports the HL7 mission by defining the requirements and specifications to support the interoperability among clinical and non-clinical systems regarding patient registration and encounters, scheduling, provider directories, and other administrative registries.

Charter:

Work Products and Contributions to HL7 Processes
This group produces normative standards (for instance HL7 v2, HL7 v3, and FHIR) by:

- Identifying requirements and providing specifications for exchanging:
  1. Demographic and administrative data used to describe patients, persons, service delivery locations and patient encounters [scheduled and/or actual], including healthcare providers, places, organizations, and their relationships in the context of healthcare encounters.
  2. Administrative data to describe resources, their availability, [for example, represented by schedules or by status], and regulatory topics such as licensing and credentialing information about individuals, animals, organizations and devices directly or indirectly involved in the delivery of healthcare services.
Using chat.fhir.org to collaborate

@ Javier Espina

Same for Encounter.period. You can (and should) record the time zone there.

Drew Torres

Is there a mapping available for how to map DRG to ChargedItem?

Brian Postlethwaite

In your derived profile you would typically be binding one (or more) value sets to these that are

Ballots

• All members in HL7 can participate in ballots (non-members can too, for a fee)
• Your chance to review, comment, and impact proposed standards.
• Ballots occur three times a year about a month before each working group meeting.
HL7 INTERNATIONAL: WORKING GROUP MEETINGS
The Working Group Meeting (WGM)

• A convening of all the HL7 Workgroups for an intensive week of standards development work.
Workgroup work at a WGM

- Discuss Project Scope Statements (PSS’s)
- Ballot Reconciliation
  - Reviewing and acting on comments on most recent ballot
- Collaborate with other workgroups
- Group Logistics and Strategy
  - Refine Mission, Charter, DMP, create 3 year plan, develop SWOT (Strengths/Weaknesses/Opportunities/Threats)
WGM is traditionally an in-person meeting

Sunday through Friday.

General Sessions

Many workgroups meet

Some workgroups meet together (joint meeting)

Day divided into Quarters with breakfast, coffee/tea breaks, and a lunch break.

Planned social event.

Plenary WGM once per year (Fall)

Lots of educational opportunities (tutorials)

Connectathon immediately before
For the first time, WGM is meeting virtually

Monday through Friday.
Workgroup and Joint Meetings via Zoom.
Scheduled time blocks over 24 hours - focus on 10-6 Eastern.
Breaks scheduled by workgroup.
Virtual Plenary and General Session
Virtual Social Event
Virtual Meetups – Refer to Whova App
Virtual Connectathon
HL7 Education Opportunities

• Education Calendar:
  – packed with webinars and online multi-week classes

• Education on Demand:
  – full library of on-demand online training.

• Virtual DevDays in November!

http://www.hl7.org/training/

https://www.devdays.com/november-2020/
Plan Your Meeting

- Get the Whova App:
  - Web version and mobile version
    https://whova.com/portal/hvpaw_202009/?source=download_page

- Review the agenda and plan your meeting
  - Agenda can be found on general WGM information page:
    http://www.hl7.org/events/working_group_meeting/2020/09/index.cfm

- But best idea is to use App to plan your agenda.
Plan to Attend the General Sessions

Plenary:
  Monday 9:45AM – 12:30PM

Business Meeting and Plenary Part 2:
  Wednesday 3:45Pm to 6PM

Pub Crawl:
  Wednesday 6PM – 10PM

(Look for General Session Track on Whova Agenda)
Select Work Group meetings of interest

• Review Full Agenda to find meetings of interest
  • Note some meetings are joint meetings
  • Find DETAILS on each meeting by checking Workgroup’s WGM Agenda on confluence:
    https://confluence.hl7.org/display/WGB/WGM+Information+-+September+2020+Virtual

• Select the meetings you are interested in
  • Adds to “My Agenda”
  • Can also add to your personal online calendar
Summary

• Reviewed HL7 International’s Vision and Mission
• Described how HL7 is organized to accomplish its work
• Explained the role and operation of workgroups
• Summarized key HL7 processes.
• Explained the purpose and format of WGMs
• Described how to plan your September 2020 virtual WGM
Questions?

Still have more questions after the webinar?

You can also find us on chat.fhir.org and on the Whova app
Thank you and enjoy the very first Virtual WGM!
APPENDIX: SLIDES THAT PROVIDE ADDITIONAL INFORMATION, BUT NOT PART OF THE PRESENTATION
Key URLs

• HL7 Confluence: https://confluence.hl7.org/
• HL7 landing page: http://www.hl7.org/
• HL7 chat: http://chat.fhir.org