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HL7 International Community Meeting Agenda

Feb 2nd, 2021

Ron G. Parker

HL7 Canada Affiliate Chair



Agenda



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1. Welcome
2. HL7 Jan 2021 WGM
3. WCAG – Simplifier Update



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HL7 Intl Virtual Plenary & WGM

- Re-creating a WGM in-person model virtually
 - Just as many online sessions as in-person (but still plenty)
- @488 participants (not including HL7 staff)
- New feature: “cameo” video clips from celebrities for each of the General Sessions
 - Part of contest to use a series of clues to guess the celebrities identities - \$100 USD credits toward HL7 training or merchandise

Whoava Meeting Tool



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Whoava

HL7 International HL7's January Working Group Meeting
Jan 25 - 29, 2021

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<https://whoava.com>

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Full Agenda My Agenda

< Mon Jan 25 Tue Jan 26 Wed Jan 27 >

12:15 PM

General Session

General Session

12:15 PM - 1:00 PM Stream has ended
Speakers: Walter Suarez, Steve Bratt, Mary Ann Boyle

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1:00 PM

AS

Arden Syntax (AS)

1:00 PM - 2:30 PM Stream has ended
Speakers: Peter Haug, Robert Jenders

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BR&R PC

Biomedical Research and Regulation (BR&R) Hosting: PC

1:00 PM - 2:30 PM Stream has ended
Speakers: Boris Brodsky, Hugh Glover, Smita Hastak, Andy Iverson, Laura Heermann Langford, Emma Jones, Jay Lyle, Michelle Miller, Michael Padula, Michael Tan

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CGIT

Conformance (CGIT)

1:00 PM - 2:30 PM Stream has ended

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Updated 4 days ago
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HL7 Jan 2021 General Session Presentations

Working Group Meeting Documents

- 2020 34th Annual Plenary and Working Group Meeting
- General WGM resources
- WGM 2020 - January Meeting Documents
- WGM 2021 - January Meeting documents
 - 2021 Jan CEO Report (312 KB)
 - 2021 Jan CTO Report (476 KB)
 - 2021 Jan Da Vinci Update (1.40 MB)
 - 2021 Jan Education and Events (1.19 MB)
 - 2021 Jan Gravity Project Updates (1.21 MB)
 - 2021 Jan International Council Report (117 KB)
 - 2021 Jan Morning Announcements (8.08 MB)
 - 2021 Jan TSC Chair Report (219 KB)
 - 2021 Jan Vulcan Update (941 KB)



HL7 Canada Member Participation?



- Did you attend?



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Highlights

HL7 Education – 2021 – Popular Courses



- HL7 Fundamentals (Feb 11-May 6, May 27-Aug 19, Sept 9-Dec 2)
 - Self-paced introductory, 12-week workshop uses a set of guided exercises to learn by practice and example.
- HL7 FHIR Fundamentals (April 1-April 29, July 15-Aug 12, Oct 28-Nov 25)
 - 4 week online course that provides an in-depth overview of HL7's hottest standard
- HL7 FHIR Intermediate (Feb 18-April 1, June 3-July 15, Sept 16-Oct 28)
 - 6 week online course that provides opportunities to apply newly gained knowledge with a set of guided exercises for learning by developing and reviewing working software.
- HL7 FHIR Proficiency Exam Preparation (March 4-April 1, June 17-July 15, Sept 30-Oct 28)
 - 4 week, self-paced course that will prepare participants for taking the HL7 FHIR R4 Proficiency Exam and teaches FHIR concepts in detail.

Also ... HL7 On Demand classes (<https://www.pathlms.com/hl7>)

HL7 Education – New Courses for 2021



- FHIR Bootcamp (April 13-15, July 20-22, Nov 9-11)
 - Live Online Class - Solve FHIR assignments in real time, in groups, guided by your instructor
- FHIR for Healthcare Analysts (March 22,23,25&26, Oct 16,17,23,24-Weekends)
 - Live Online Class - Review the FHIR Clinical Reasoning Module for clinical quality improvement
- HL7 V2 Advanced (May 6 – June 17)
 - Self-paced course to become proficient in V2 standard

HL7 Events



Work Group Meetings

- May 2021 WGM (Virtual) – May 24-May 28 – UTC Time
- 35th Annual Plenary & WGM – Sept 20 -Sept 24 – Eastern Time
- January 2022 WGM (Henderson, NV) – Jan 15-21, 2022
- 36th Annual Plenary & WGM (Baltimore, MD) – Sept 17-Sept 23, 2022

Connectathons

- May 2021 (Virtual) – May 17-May 19 – UTC Time
- Sept 2021 (Virtual) – Sept 13-Sept 15 – Eastern Time

Dev Days

- 2021 (US) (Virtual) – June 7-10
- 2022 (US) (Cleveland, OH) – June 6-9

HL7 FHIR Update



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- R4B Ballot
 - Ballot open date: Feb 19 (Ballot signup open now)
 - Ballot close date: March 22
- R5 status
 - May
 - 'For Comment' ballot
 - Content deadline – March 30, 2021
 - September
 - Normative ballot
 - STU ballot
 - Content deadline – July 2021
 - Nov/Dec
 - Follow-up Normative ballot
 - Projected R5 Publication – Q2 2022

International Council Report

HL7 Working Group Meeting

Jan 26, 2021

Ron Parker

HL7 International Council Co-Chair

Chair HL7 Canada



Leadership



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- Current Co-Chairs
 - Line Saele (term ends Dec 2022)
 - Peter Jordan (term ends Dec 2022)
 - Ron Parker (term ends Dec 2021)
- HL7 International Board – Affiliate Directors
 - Diego Kaminker (term ends Dec 2022)
 - Peter Jordan (term ends Dec 2021)

40 HL7 International Affiliates



- Changes since Sept WGM Plenary
 - HL7 UAE reactivated
 - HL7 Saudi Arabia reactivated
 - HL7 Slovenia reactivated
- Potential returning or new members
 - Mexico
 - Israel

Virtual Meetings



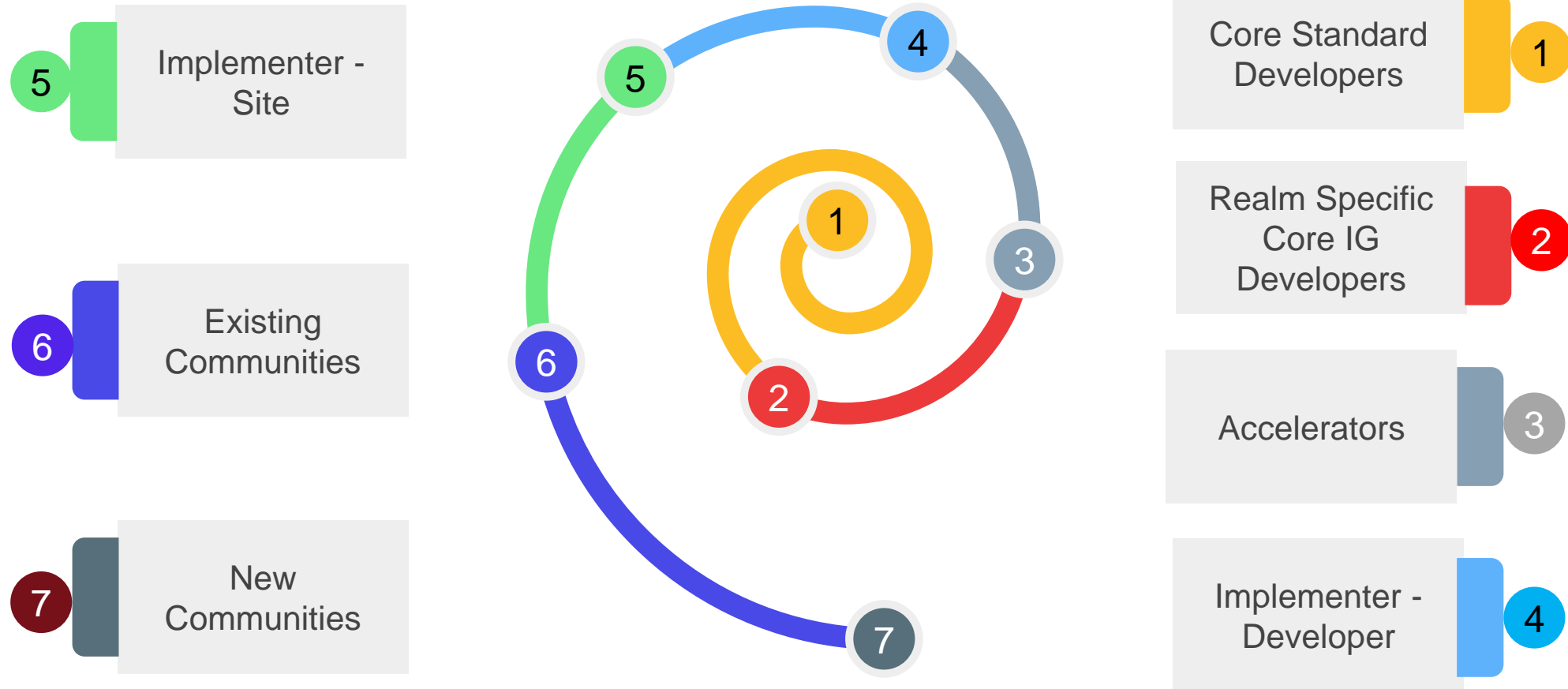
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- Virtual Meeting bi-monthly
- Jan 20th, 2021 - 21 Affiliates represented (19 in June)
- Shifting time slots has been effective
- HL7 Europe 10th Anniversary Celebrated
- Re-envisioning Strategy Update:
Global Relevance – Affiliate Relationships
- Launch of Affiliate Function Survey
- Shared HL7 Affiliate Evolutionary Spiral

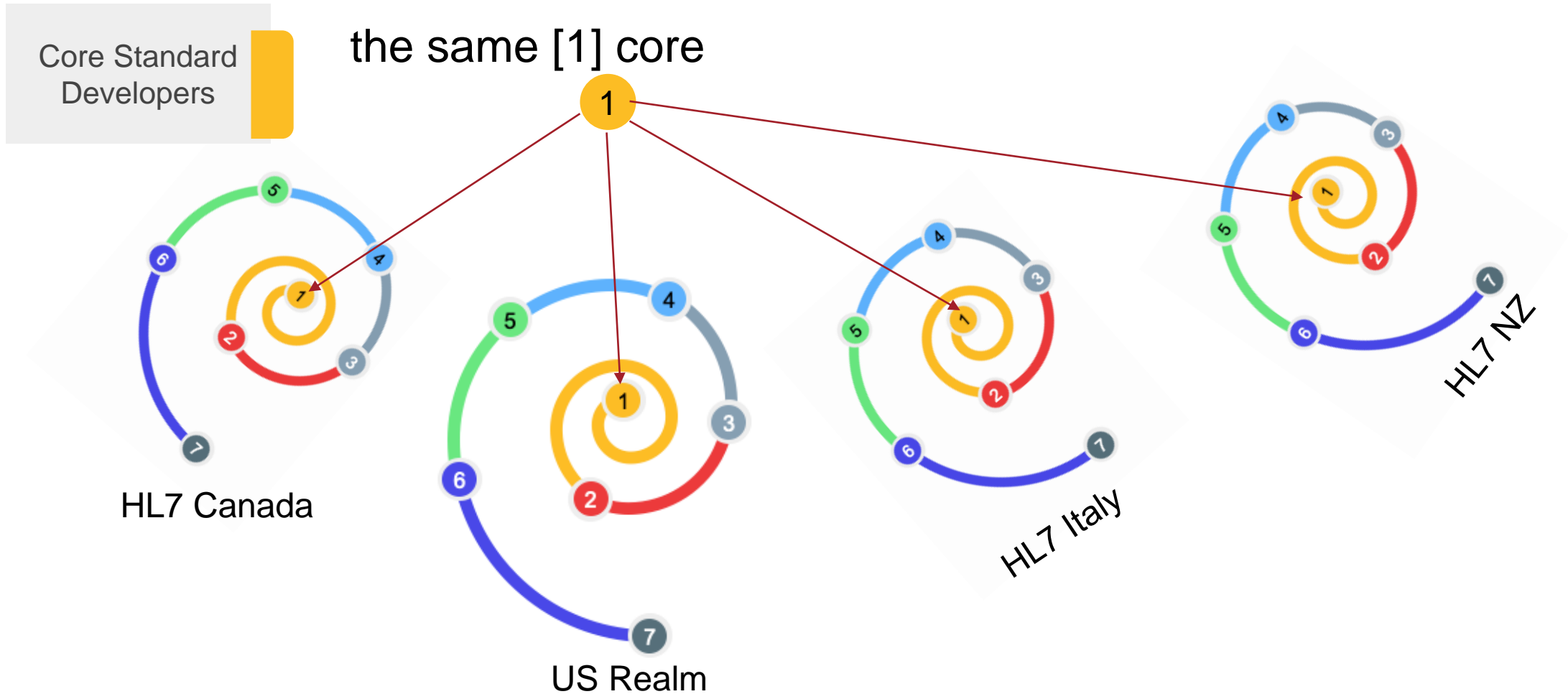
HL7 Communities Spiral

Level of Involvement
1-5: Implementation
6-7: Community Outreach



The Spiral and the Affiliates

In fact, every affiliate/realm has its own spiral, but we share the same [1] core



Next HL7 International Council Virtual Meeting



- March 24th, 19:00 UTC



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ACCESSIBILITY AND SIMPLIFIER

Background

- Since 2005, Accessibility for Ontarians with Disabilities Act (AODA) has been in force
- AODA Requirement that by Jan 1, 2021 all websites and web content must be made accessible
- October 2018 - Canada Health Infoway made a request to Firely regarding accessibility
- December 2020 – Firely advised that Simplifier is now Web Content Accessibility Guidelines (WCAG) 2.1 compliant



What is WCAG 2.1?

- Web Content Accessibility Guidelines (WCAG) 2.1 defines how to make Web content more accessible to people with disabilities. Accessibility involves a wide range of disabilities, including visual, auditory, physical, speech, cognitive, language, learning, and neurological disabilities. Although these guidelines cover a wide range of issues, they are not able to address the needs of people with all types, degrees, and combinations of disability. These guidelines also make Web content more usable by older individuals with changing abilities due to aging and often improve usability for users in general.

<https://www.w3.org/TR/WCAG21/#background-on-wcag-2>



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4 Principles of Accessibility

- Perceivable - Information and user interface components must be presentable to users in ways they can perceive.
 - This means that users must be able to perceive the information being presented (it can't be invisible to all of their senses)
- Operable - User interface components and navigation must be operable.
 - This means that users must be able to operate the interface (the interface cannot require interaction that a user cannot perform)
- Understandable - Information and the operation of user interface must be understandable.
 - This means that users must be able to understand the information as well as the operation of the user interface (the content or operation cannot be beyond their understanding)
- Robust - Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.
 - This means that users must be able to access the content as technologies advance (as technologies and user agents evolve, the content should remain accessible)

<https://www.w3.org/WAI/WCAG21/Understanding/intro#understanding-the-four-principles-of-accessibility>



Simplifier.Net and WCAG

- Firely created their Voluntary Product Accessibility Template to describe WCAG compliance for Simplifier.net
 - <https://docs.fire.ly/simplifier/accessibility.html>
- Main focus was Implementation Guide compliance
- Multi-language is not currently supported (planned for future)
- There may be issues for custom style templates



Developer Considerations

- Images
 - ensure that alternative text is added
- Headings
 - ensure headings are marked as headers
 - ensure proper heading levels
- Language tag
 - ensure that the language tag is set correctly
 - the default is English – to use another language, use a custom style
- Contrast
 - Not an issue with the default style. May be an issue when using custom styles



Tools for assessing WCAG Compliance

- Use tools to assess content for accessibility compliance
 - Firely recommended the Chrome & Firefox extension WAVE (<https://wave.webaim.org/extension/>)



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References

- Accessibility for Ontarians with Disabilities Act
 - <https://www.aoda.ca/>
- Web Content Accessibility Guidelines (WCAG) 2.1
 - <https://www.w3.org/TR/WCAG21/>

Next Meeting of HL7 Canada Community



- Nov 3rd 2020
 - Topics of interest?
 - Please post on the forum or email Ron@parkerdhc.com



Thank You

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