2019-06-18 - SNOMED on FHIR Meeting (TS)

Date

20:00 UTC on Tuesday 18 June 2019 - 90 minutes.

Meeting Details

Online: https://snomed.zoom.us/my/snomedhl7

Phone: See https://zoom.us/zoomconference for available phone numbers (meeting id **242-348-6949**)

Chat: public-snomedintl.slack.com # snomed-hl7-fhir (ask for invite!)

Objectives

- FHIR Terminology Services and Resources

Attendees

Michael Lawley,Peter Jordan,Rob Hausam, Peter G. Williams, Jim Case, Jon Zammit Reuben Daniels

Apologies

Meeting Recording

https://snomed.zoom.us/recording/share/sE23VRHWClenJ6lKYOku088PHDbrpeLkBelYHZ5hGFuwIumekTziMw

Discussion items

Item	Description	Mins	Owner	Notes & Actions
1	Welcome and introductions	2	Peter G. Williams / Rob Hausam	Recording, notes & attendance.
2	Summary of previous week and previous fortnight	10	Peter G. Williams / Rob Hausam	• 2019-06-11 - SNOMED on FHIR Meeting (TB) • 2019-06-04 - SNOMED on FHIR Meeting (TS) **Note** Daniel away for 3 weeks after the 11th so keen to have meeting despite overlap with FHIR Dev Days (FYI Jeremy Rogers) Jane also away on the 11th.
3	Other Meetings	10	Peter G. Williams	Dev Days June 10 - 12 Redmond ML - increasing interest from people implementing FHIR in other contexts and having terminology support. Post Coordination is not generally on people's radar. Question around semantics of $closure when you're dealing with multiple versions and inactive concepts/attributes via ECL. SNOMED Expo Oct 31 - Nov 1 Kuala Lumpur Thursday half hour session. Title of session: "SNOMED on FHIR" Content: Profiles (eg Allergy Intolerance), Free Set, Implementation Guide, discussing and sharing. ☐ Peter G. Williams Look for space for additional face to face meeting with HL7 Vocab members.
4	New Topic	10	Reuben Daniels	Proposed changes to ConceptMap resource: Issue when there is equivalence between source and target. See tracker item: https://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemEdit&tracker_item_id=22632 7 Changes proposed to ConceptMap. Group.element.target.equivalence is going to change to "relationship" and the type of the relationship stated - new Valueset conceptMapRelationship (previous VS retired). Relationships enumeration will be: relatedTo, Equiv, Broader, Narrower, Not Related ML - this has implications for $closure (which returns a concept map which uses other values eg subsumes). RD: "Unmapped" is to be used by default when there is no target. Tracker to give advice on how to work in this resource with FHIR extensions.
5	New Topic	10		Clarification needed of the reverse flag in ConceptMap $translate Returning concepts from the "source" valueset where the code supplied is a member of the "target" valueset. Ontoserver (for example) will treat the "source" valueset as the target when no target is supplied. ☐ Rob Hausam Vocab meeting this Thursday, will mention that further clarity is required here on what is expected in the source and target parameters when the reverse flag is present.
6	New Topic	10		Follow up discussion on finding all refsets that a particular concept is a member of (relates to both $expand $lookup and ECL) eg ^(<< simple refsets). Simple refsets and simple map would check the referencedComponentId, but there may also be a case to find references to other fields. PWI spoke to Linda who is interested to know the use cases. ML says it's a proxy for the importance of the concept ie is it in wide use. Can also give a sense of where it is used, and by whom. PJ has suggested (as an alternative to enhancing ECL for this) that a standard property (ie a well known) for a SNOMED code could include a list of all reference sets which include this concept. Note that language reference sets are not a good example because they reference description ids (double indirection).
7				Should non-defining relationship show up as properties in a lookup. The question of whether or not ECL will consider these is delegated to the choice of substrate, but the default substrate does not (?) specify if they are or not. ☐ Peter G. Williams Take this forward.

8	Publication of FHIR Free Set	2	Jane Millar	**Free SNOMED CT set for FHIR** Green - Grahame to provide feedback for next week. Amber - documents going to Patient Care Group (meeting next week). ☑ Peter G. Williams Capture Jim's feedback on Red items from meeting recording. Update 23 April: Terminology Binding group moving on to remaining Valuesets. Update 18 June : JC Parts of finding hierarchy contain context that can put us at odds with a hierarchy that FHIR might want, and this context (ML) may not be visible in the FSN. ☐ Peter G. Williams discuss arranging wider call with other members of Vocab for some TB week when Daniel is back - after framing of issue and specific goals for this.
9	SNOMED FHIR Implementation Guide	60	Peter G. Williams	**************** ☐ **ALL** Pitch in to Implementation Guide for using SNOMED CT with FHIR ******************* Progressing the SNOMED Implementation Guide and specific guidance of "Best Practice" of using SNOMED with FHIR. Can we include tests for 'correctness' - using existing FHIR Testing platforms? https://github.com/IHTSDO/snomed-ig with the built view hosted by GitHub at https://ihtsdo.github.io/snomed-ig/ Tooling: Current tooling appears to be solely command line based. See also Snapper for value set editing (currently STU3). ☑ Peter G. Williams reference hosted build in Readme. **What is the scope of content for the guide?** Targeting "Best Practice" for FHIR Implementers using SNOMED CT. Possible layered approach and potentially strict (for internal record keeping and communication) vs permissive profiles when . General guidance for bindings or specific details on each resource. **Audiences** - Developer vs User of implemented services. ML Suggests single entry point document with multiple paths through the documentation. 8 January 2019 Update: **Tooling**: Forge (doesn't support R4) ☑ Peter G. Williams install Simplifier ☐ Rob Hausam suggest road map for where our focus should be. Pull in CodeSystem Resource page? What do we want to say about how SNOMED should be used in FHIR? Eg On the Terminology Services side, start with a narrative and head towards a test script where a particular query is expected (formally) to return a given set of results. Then on the resource side, talking about what particular value sets should be used for specific resources - condition code being a high value. Will we insist that these are SNOMED code or could they be proxy codes eg where a medication is given on a problem list and - in it's presence - indicates the underlying condition but without specifying that explicitly. Start with a Confluence page for collaborative work and once that's reached some stage of maturity it can be moved into the GitHub repository in a more structured form. Are we looking at one implementation guide or two? Terminology Server vs Terminology Binding and Profiles. ☐ Peter G. Williams Rob Hausam to bring SI's IG into line with current tooling expectations.
10	Mechanism for working with Languages.	15	Reuben Daniels	**Mechanisms for working with Languages** Michael Lawley has raised ticket about the "use" field being limited to FSN/Synonym. Elsewhere in FHIR there is a "display" code that can be used to indicate other languages See 22490. Also 19960 - additional term for "Consumer Terms" ready for implementation R5 (Q4 2020 at the earliest). **18 June** PWI gave some notes from pop-up session at FHIR Dev Days - more about locale than language. ML: "Translation" extension doesn't allow for a particular piece of text being in a different language from that of the resource.

11	Ongoing items	10	Peter Jordan
			
			Michael Lawley
				• SNOMED CT Canonical CodeSystem resource
				  ◦ Outstanding question of whether this is the Canonical CodeSystem for the International Edition, or some base set of properties for all Editions.
				  ◦ How is this distinct from the Terminology Capabilities Resource?
				  ◦ Review and attempt to resolve detail questions
				  ◦ Update 28 Aug: Official endpoint should be hosted somewhere (SI?)
				  ◦ Update 13 Nov: (**ML**) We should publish as part of the IG - possibly two - a) International and b) a template as guidance for implementers. In the event of a choice of versions, suggest the default is to return the most recent available.
				• 4.2.1.0 Using SNOMED CT with FHIR
				
				Collaborative Work
				
				On Hold / Maintenance
				
				• Terminology Binding - Maintenance
				• Terminology Services - Maintenance
				  ◦ $validate-code behaviour
				  ◦ Review and maintenance of Using SNOMED CT with FHIR page
				    ▪ 4.2.1.0 Using SNOMED CT with FHIR
				      ▪ 4.2.1.0.3 Display
				    ▪ Known SNOMED CT Edition Modules
				    ▪ Simple map refsets available in SNOMED CT-AU
				  ◦ SNOMED CT, post coordination and ValueSet $expand

12	Any other business			

Meeting Files

File	Modified
Microsoft Excel Spreadsheet FHIR Connectathon 18 Terminology Formal Tests Version Parameters.xlsx	2019-Jun-18 by Peter G. Williams
Microsoft Excel Spreadsheet FHIR Connectathon 16 - Additional Terminology Server Tests.xlsx	2019-Jun-18 by Peter G. Williams
Microsoft Excel Spreadsheet FHIR Connectathon 17 - Additional Terminology Server Tests.xlsx	2019-Jun-18 by Peter G. Williams
PNG File image2019-1-29_20-18-40.png	2019-Jun-18 by Peter G. Williams
PNG File image2019-1-29_20-15-2.png	2019-Jun-18 by Peter G. Williams

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