2016-04-27 - SLPG Meeting

Date & Time
Wednesday 27th April 2016, 20:00 UTC

GoToMeeting Details
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Goals
To discuss proposed updates to the SNOMED CT Expression Constraint Language
To progress the SNOMED CT Template Syntax.

Attendees
- Chair: Linda Bird
- Project Group:
  - Brian Carlsten
  - Daniel Karlsson
  - Ed Cheetham
  - Michael Lawley
  - Rob Hausam
  - Alejandro Lopez Osornio
  - Harold Solbrig

Apologies

Observers

Agenda and Meeting Notes

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<tr>
<th>Item</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Welcome, introductions and apologies</td>
<td>Linda Bird</td>
<td>SLPG meetings will be recorded and recordings will be accessible to SLPG members</td>
<td>Check attendance details and apologies</td>
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<tr>
<td>2</td>
<td>Agenda review</td>
<td>Linda Bird</td>
<td>Review agenda for today's meeting</td>
<td>Review agenda</td>
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<tr>
<td>3</td>
<td>SNOMED CT Expression Constraint Language</td>
<td>Linda Bird</td>
<td>Discuss proposed updates to the SNOMED CT Expression Constraint Language</td>
<td>Discuss proposed ECL updates</td>
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Review discussion on optionality and populating attribute groups:

1. Scope and purpose of syntax:
   a. Extract disentangled SNOMED CT (and SNOMED CT-relevant) content from a FHIR Condition resource (i) into a free-standing and ‘recognisable’ SNOMED CT expression, whilst (ii) ‘leaving nothing behind’ which may be of relevance to further processing.
   b. Specify mappings from FHIR value sets (e.g. Condition.clinicalStatus) into SNOMED CT.
   c. Transform the extracted expression into an ‘optimally-processable’ SNOMED CT expression (in particular grouping body site values with morphology).
   d. Specify constraints on what the extracted/disentangled SNOMED CT expression could or couldn’t contain (by e.g. cardinality instructions).

2. (From a(i) and b above) Simplify finding context refinement to either:
   - 408729009 finding context = [findingContext]
   - 408729009 finding context = [findingContextTable (clinicalStatus, verificationStatus)]

3. (From d above) How to specify cardinality in terminology binding when restricting valid values in an information model data element:
   - 62014003 Adverse reaction to drug (disorder): 246075003 Causative agent = [0..1] ^ 111115 | AMP reference set |

4. (From c above) To indicate how the following data structure can be used to populate a template:
   - Data Structure A
     - Condition
       - Code: CodeableConcept [0..1]
       - BodySite: CodeableConcept [0..1]
       - Morphology: CodeableConcept [0..1]
   - Possible template syntax examples:
     - [ [ $code ] ] finding site = 363698007 | MorphologyBS.BodySite | 116676008 | associated morphology = [ $Morphology ]

   - Data Structure B
     - Condition
       - Code: CodeableConcept [0..1]
       - BodySite: CodeableConcept [0..1]
       - Morphology: CodeableConcept [0..1]
   - Possible template syntax examples:
     - To include the different finding sites within the same attribute group:
       - 363698007 finding site: = $BodySite | 116676008 | associated morphology = [ $Morphology ]

     - Other examples discussed by email (double scope):
       - finding: [ { findingSite | BodySite = $BodySite | bone structure: extremity structure | morphologic abnormality | ]

Meeting date and time

Confirm date and time of next SLPG meeting - Wednesday 25th May

No files shared here yet.