2016-05-25 - SLPG Meeting

Date & Time
Wednesday 25th May 2016, 20:00 UTC

GoToMeeting Details
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Goals
- To finalize the ECL v1.1 updates
- To reflect on discussions at the HL7 WG meeting in Montreal
- To continue work on SNOMED CT Templates

Attendees
- Chair: Linda Bird
- Project Group: Daniel Karlsson, Harold Solbrig, Michael Lawley, Rob Hausam

Apologies
- Brian Carlsen, Ed Cheetham, Alejandro Lopez Osornio

Observers

Agenda and Meeting Notes

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<tr>
<th>Item</th>
<th>Description</th>
<th>Owner</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><img src="https://example.com" alt="Check attendance details and apologies" /></td>
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<td>2</td>
<td>Agenda review</td>
<td>Linda Bird</td>
<td>Review agenda for today’s meeting</td>
<td><img src="https://example.com" alt="Review agenda" /></td>
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| 3    | Expression Constraint Language v1.1 | Linda Bird | • Discuss any remaining feedback on updates  
• Propose timeline for publication of updates | |
| 4    | Discuss outcomes of HL7 WG meeting | Linda Bird | Condition  
```  
413350009 Finding with explicit context:  
{ 246090004 Finding site: = [0..1] @findingSite  
246112005 Severity: = [0..1] @severity}  
363698007 Finding with explicit context:  
{ 246090004 Finding site: = [0..1] @findingSite  
246112005 Severity: = [0..1] @severity}  
``` |

AllergyIntolerance
- IF ($code = < 373572006 Clinical finding absent) THEN  
```  
[[ Scode ]]  
```  
- IF ($code = < 105590001 Substance: OR < 373873005 Pharmaceutical / biologic product) THEN  
```  
413350009 Finding with explicit context:  
{ [0..2] @RG1 | 246090004 Associated finding = [0..1] @associatedFinding  
246112005 Severity: = [0..1] @severity}  
363698007 Finding with explicit context:  
{ [0..1] @RG2 | 255234602 After = [0..1] @after  
246075003 Causative agent: = [0..1] @causativeAgent}  
408732007 Subject relationship context: = 410604004 Subject of record;  
408731000 Temporal context: = [0..1] @TemporalContext};  
408729009 Finding context: = [0..1] @findingContext}  
``` |

Procedure
```  
129125009 Procedure with explicit context:  
{ [0..1] @RG1 | 363589002 Associated procedure = [0..1] @associatedProcedure  
363704007 Procedure site: = [0..1] @procedureSite}  
363699004 Direct device: = [0..1] @DirectDevice}  
424361007 Using substance: = [0..1] @usingSubstance  
424226004 Using device: = [0..1] @usingDevice}  
408732007 Subject relationship context: = 410604004 Subject of record;  
408731000 Temporal context: = 410512000 Current or specified time}  
```
Review discussion on optionality and populating attribute groups:

1. Scope and purpose of syntax
   a. Extract/disentangle 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 = [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 ]
   - 62014003 Adverse reaction to drug (disorder): 111115 | AMP reference set ]

4. (From c above) To indicate how the following data structure can be used to populate a template:
   - HL7 FHIR Mapping Syntax
   - Explore ...
   - Other examples discussed by email (double scope):
     - [finding] : [[ (0..1) |assocMorph| = $morphology < 72704001 | Fracture (morphologic abnormality) ] ]

Meeting Files

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No files shared here yet.