

# 2016-07-20 - SLPG Meeting

## Date & Time

20:00 UTC Wednesday 20th July 2016

## GoToMeeting Details

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## Attendees

- Chair: [Linda Bird](#)
- Project Group: [Ed Cheetham](#), [Alejandro Lopez Osornio](#), [Michael Lawley](#), [Rob Hausam](#), [Brian Carlsen](#)

## Goals

- Finalize the syntax for cardinality of relationship groups in Expression Templates
- Discuss other template requirements that need to be considered

## Apologies

- [Daniel Karlsson](#)

## Agenda and Meeting Notes

Description	Owner	Notes
Welcome, introductions and apologies	<a href="#">Linda Bird</a>	
Agenda review	<a href="#">Linda Bird</a>	Review agenda for today's meeting
Finalize syntax for cardinality	<a href="#">Linda Bird</a>	<p>What syntax should we use to define cardinality constraints?</p> <ul style="list-style-type: none"><li>[[@Procedure]]: [[ {} [1..2] @boris]] { ..... }</li><li>[[@Procedure]]: [[ {} [1..2] ]] { ..... }</li><li>[[@Procedure]]: [1..2 [ @boris]] { [1..2 [ ..... ]] ..... }</li><li>[[@Procedure]]: [1..2 [ ]] { [1..2 [ ..... ]] ..... }</li><li>[[@Procedure]]: {{1..2 @boris}} { ..... } - ECH, JLO, MLA, RHA, LBI</li><li>[[@Procedure]]: {{1..2 }} { ..... }</li><li>[[@Procedure]]: ~[1..2] @boris { ..... }</li><li>[[@Procedure]]: ~[1..2] { ..... }</li><li></li><li>[[@Procedure]]: #[1..2] @boris { ..... }</li><li>[[@Procedure]]: #[1..2] { ..... }</li><li>[[@Procedure]]: %[1..2] @boris { ..... }</li><li>[[@Procedure]]: %[1..2] { ..... }</li></ul> <ol style="list-style-type: none"><li>On a focus concept, an attribute or an attribute value - e.g. in the relevant slot [[ [1..*] &lt; 123456 @slotName ]]</li><li>On a relationship group - e.g. 123456  concept : ~[1..*] { ..... }<ul style="list-style-type: none"><li>Note: The syntax must clearly indicate that the cardinality on a relationship group does <b>not</b> appear in the concrete expression that is generated when the expression template is populated. This is needed to distinguish an Expression Template (with relationship group cardinalities) from an Expression Constraint Template (for which the relationship group cardinalities <b>do</b> appear in the populated version of the template).</li><li>In this example syntax, the "~" is being used to say "The following constraint needs to be removed when the template is populated."</li><li>For example, an expression template such as:<ul style="list-style-type: none"><li>[[ [ @Procedure ] ] : ~[1..2] @group1 { 405813007  Procedure site - direct  = [[ [1..1] @bodySite ]], 260686004  Method  = [[ [1..1] @method ] ] }</li></ul></li><li>may be populated to generate the following expression:<ul style="list-style-type: none"><li>71388002  Procedure site - direct  : { 405813007  Procedure site - direct  = 66754008  Appendix structure , 260686004  Method  = 129304002  Excision - action  }</li></ul></li><li>Note that the cardinality "[1..2]" is removed when generating the final expression.</li></ul></li></ol>
Template syntax requirements	<a href="#">Linda Bird</a>	<p>Are there any other template requirements that we haven't yet considered (e.g. additional concept authoring requirements)?</p> <ul style="list-style-type: none"><li>Currently being discussed internally within IHTSDO</li><li>Please send me any other functional requirements for templates that you know of - with examples of where and why it is needed.</li></ul>

Finalize draft template syntax	<a href="#">Linda Bird</a>	<ul style="list-style-type: none"> <li>Goal is to start drafting the template syntax for wider review, and input from IHTSDO Tooling and Content teams.</li> </ul>
Confirm next meeting date /time	<a href="#">Linda Bird</a>	Next meeting to be held <b>in 4 weeks</b> on Wednesday 17th August

## Meeting Files

File	Modified
JPEG File outputImage.jpg	2016-Jul-19 by Ed Cheetham
JPEG File KB.jpg	2016-Jul-19 by Ed Cheetham
JPEG File specimen.jpg	2016-Jul-19 by Ed Cheetham

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