

# 2018.10 LexEVS Model Changes

## Document Information

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The **purpose of this document** is to capture proposed agenda topics for the 2018 technical face to face meeting with NCI EVS Teams.

## Time

**Tuesday, October 9, 2018**

Time	Location	Attendees	Resources
2:00 PM - 3:00 PM	Room 5W032	Gilberto, Rob, Tracy, Kim, Jason, Scott, Cory, Craig	<a href="#">LexEVSModelChanges.pptx</a>

## Goals

### Goals

- Document requirements to represent complex OWL 2 classes
- Document requirements for an API to query, resolving or reasoning
- Document the users
- Propose model and API enhancements.

## Topics

Topic	Discussion
Discussion	<p>Discussion Points:</p> <ul style="list-style-type: none"><li>• This discussion is a follow-on to the addition of property qualifiers feature we added to LexEVS.</li><li>• Proposed changes will require substantial changes. No changes to the queries.</li><li>• JSON-LD was noted - it represents triples in JSON.</li><li>• It is unsure how much OWL needs to be presented in LexEVS.</li><li>• Consider removal of anonymous nodes.</li><li>• Complex Classes need to be addressed somehow - LexEVS or not.</li><li>• LexEVS should not continue extending field sizes to accommodate these complex classes.</li><li>• Suggested that the EVS API should not define a model specific to OWL.</li><li>• Current CTS2 service doesn't provide this type of search.</li><li>• There is an existing issue for OBIB that would be addressed by proposed representation.<ul style="list-style-type: none"><li>◦ <a href="#">LEXEVS-3613</a> - Getting issue details... <span>STATUS</span></li></ul></li><li>• Maps, value sets, MetaT representation, are in LexEVS that cannot be represented easily in triple store.</li><li>• Micro services should be considered for providing services to provide OWL content (micro service using the triple store)<ul style="list-style-type: none"><li>◦ LexEVS API model would need to be updated to support this.</li></ul></li></ul> <p>Decision Points:</p> <ul style="list-style-type: none"><li>• Complex Classes need to be addressed somehow - LexEVS or not.</li><li>• Micro services should be considered for providing services to provide OWL content (micro service using the triple store)</li></ul>

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File	Modified
Microsoft Powerpoint Presentation LexEVModelChanges.pptx	Oct 04, 2018 by Bauer, Scott (NIH/NCI) [C]

<https://wiki.nci.nih.gov/display/LexEVS/2018.10+Proposed+F2F+Agenda+Topics>