

# 2018-12-04 Meeting notes

## Date

04 Dec 2018

## Attendees

- [Safran, Tracy \(NIH/NCI\) \[C\]](#)
- Wynne, Robert
- Endle, Corey
- Bauer, Scott

## Goals

## Discussion items

| Time | Item                 | Who | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|----------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | UC Mapping           |     | <ul style="list-style-type: none"><li>• Lyubov doesn't have the data and doesn't have a date for receiving it. Will need to use another sample data set. Was agreed that NCIt would be the prototype target<ul style="list-style-type: none"><li>◦ George's ICD9 ICD10? Mapping both of those to NCIt. Collection of patient level data and data from trials. Mainly for just diseases but some conceptual entities and procedures. <a href="https://wiki.nci.nih.gov/display/CTRPEVS">https://wiki.nci.nih.gov/display/CTRPEVS</a></li><li>◦ Update of Gene Ontology map? Old but curated map. Smaller map so might be easier. Focuses on Biological Process.</li></ul></li></ul> |
|      | Kim's mapping        |     | Kim demo'd his application. Works against any target vocab available through EVSRestAPI. Code in GitHub under <a href="https://github.com/NCIEVS/nci-mapping-tool">https://github.com/NCIEVS/nci-mapping-tool</a> .<br>More detailed <a href="https://github.com/NCIEVS/nci-mapping-tool/tree/master/software/ncimappingtool">https://github.com/NCIEVS/nci-mapping-tool/tree/master/software/ncimappingtool</a>                                                                                                                                                                                                                                                                   |
|      | Scott's lucene query |     | Scott had prototype based on direct lucene query. Wrap into mapping tool? ViewJS interface to his tool.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      | Discrete attributes  |     | Lucene used to group things together, allowing the searching of two properties of an entity at the same time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|      | LexEVS migration     |     | How do we apply the LexEVS lessons learned to the new TripleStore paradigm. <ul style="list-style-type: none"><li>• Indexes on LexEVS are built from database. Results are returned from index</li><li>• Will we need a database backend down the road to aid searches and mapping. Indexes don't have hierarchies so those would need stored.</li></ul>                                                                                                                                                                                                                                                                                                                           |
|      | NCI MetaMap          |     | Put out by NLM. <a href="https://metamap.nlm.nih.gov/MetaMap.shtml">https://metamap.nlm.nih.gov/MetaMap.shtml</a> There is some proprietary stuff. Rob thinks the normalization is pretty good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Action items

