

2016.12 Technical Face-To-Face Prioritization List

Document Information

Author: Craig Standl, Scott Bauer, Cory Endle
Email: craig.standl2@nih.gov, scott.bauer@nih.gov, cory.endle@nih.gov
Team: LexEVS
Contract: 16X237
Client: NCI CBIIT
 National Institutes of Health
 US Department of Health and Human Services

Contents of this Page

The **purpose of this document** is to document the technical face to face meeting prioritization details between the NCI and Mayo.

2016 December Face-to-Face Meeting Prioritization List

Future Priority (1-high, 3-low, 5 out of scope)	Category	Topic	Notes
1	API/REST	Identify current JAVA API usage by caDSR	
1	API/REST	Identify Moonshot Clinical Trial API services to be supported by REST services.	Includes CTRP , Biomarkers, Diagnosis, Drugs
1	API/REST	Identify ways to promote REST services.	
1	API/REST	Identify possibilities of participating in Data.gov	
2	Triple store	Investigate where Triple Store usage may augment LexEVS.	Will impact the API/REST and micro services. Considerations for Value Set services via the triple store. Alternative relationship trees. Biomarker related support. This is priority for EVS team (1).
2	Mapping	Identify additional mapping requirements from the EVS Project group.	ICD and SNOMED map - load and verify.
5	Search	Investigate the use of the expert system solution to support specialized search capabilities for complex chemical and genetic names.	
3	Search	Investigate the usage of NGrams in Lucene to support specialized search.	
1	Mapping	Investigate the MRMAP load and determine why that work wasn't completed.	ICD 9, 10, SNOMED
3	Search	Investigate ability to use Lucene Facets and identify where it could be used.	Types of Coding Schemes - value set groups.
2	Search	Investigate ability to design a usable auto complete and where it could be used.	
1	Value Set	Investigate ability to be able to determine if Resolved VS coding scheme has changed.	
2	Value Set	Investigate ability to be able to determine if Value Set Definition has changed.	
1	Value Set	Investigate ability to update as needed (not have to load all 700 at the same time). Decrease time it takes to publish/deploy.	impacted by knowing if coding scheme changed.
dup	Value Set	Investigate ability to capture value set groupings in lucene index (using Lucene Facets and the NCIT).	
2	Value Set	Investigate ability to capture "Hierarchical Value Sets" as coding schemes with hierarchy. (inside value set)	requires loader changes

1	Tech Stack	Plan to migrate to MySQL 5.6.33 as soon as possible.	MariaDB should be in our backlog.
1	Tech Stack	Plan to migrate to CentOS7 (work with Jacob).	As convenient.
1	Dev Ops	Plan configuration of DEV CI instance (work with Jacob).	As convenient.
1	Dev Ops	Plan to further investigate Docker configuration.	As convenient.
1	Value Set	Implement fix for Value Set Loader to not load value set with no content.	
3	Admin	Identify modifications to be made to lb gui functionality.	
2	Admin	Identify modifications to be made to command line functionality.	
2.5	Architecture	Investigate services architecture to support new and additional functionality. (Micro Architecture)	
2	Loader	Removal of OWL2 related loader functionality (drop functionality).	role quantifiers
3	Loader	Enhancement of the error logging.	existing JIRA item