

2018.10 Technical Discussions Debrief

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

- [Time](#)
- [Goals](#)
- [Topics](#)

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

Time

Wednesday, October 10, 2018

Time	Location	Attendees	Resources
9:00 AM - 11:00 AM	Room TE420	Lyuba, Sherri, Rob, Tracy, Kim, Jason, Scott, Cory, Craig, Stephanie Lipow	Techtalk.pptx

Goals

Goals

- Findings and Proposals
 - API Services
 - LexEVS Model Changes - OWL2

Topics

Topic	Discussion
-------	------------

Discussion	<p>Discussion Points:</p> <p>EVS API Services</p> <ul style="list-style-type: none"> • Determine a level of governance and architecture for EVS related services. • Work with the caDSR team to transition from remote API to REST Services. (TBD?) • Propose ability to capture usage statistics for analytics of what types of queries are being run, content searched, etc. • Determine a REST service for Metathesaurus and determine best how to support the end users. • Continued transition of stand alone coding systems to EVS REST API. • Transition of LexEVS search knowledge to the EVS API development team <ul style="list-style-type: none"> ◦ utilize the services spreadsheet • Provide LexEVS resources to help with EVS API. • Investigate infrastructure considerations (cloud environments?). • Single Service coverage (provide single search mechanism) <ul style="list-style-type: none"> ◦ REST Service for Meta ◦ EVS REST API ◦ LexEVS API <p>Discussion:</p> <ul style="list-style-type: none"> • Users will change and will need to be accommodated. • Additional terminology requirements will also need to be accommodated. • There are no immediate needs that need to be satisfied. • Mapping (anticipated needs/requirements) <ul style="list-style-type: none"> ◦ Mappings between models - data elements (OMOP, PCORI, etc) will also need to map to terminologies. (cancer data aggregator) ◦ Mapping from LexEVS sources to external sources. (capture as a JIRA item) ◦ "rule-based" mapping (capture as JIRA item) <ul style="list-style-type: none"> ▪ Model to represent the map ▪ API services for the mapping ▪ Method of mapping and capturing learning algorithms(?) • Priorities <ul style="list-style-type: none"> ◦ Continued MetaT support ◦ Continued stand-alone terminology support ◦ Mapping Support - mapping to external sources ◦ Evaluation and propose best approach (EVS REST API and LexEVS team collaboration) <ul style="list-style-type: none"> ▪ Identify the queries for MetaT ▪ Improve and extend current functionalities ▪ Pain points ▪ Determine best case suggestions ▪ Consider mapping use cases <p>Model Changes (OWL)</p> <ul style="list-style-type: none"> • Complex Classes need to be addressed somehow - LexEVS or not. • Micro services should be considered for providing services to provide OWL content (micro service using the triple store) <p>Discussion:</p> <ul style="list-style-type: none"> • Not an immediate requirement • Implementation would be fairly significant. <p>Admin UI</p> <ul style="list-style-type: none"> • Continue to use the GUI as it is • Consider to look at the dashboard viewer (query) <p>Discussion:</p> <ul style="list-style-type: none"> • not an immediate requirement.
------------	--

File

Modified

Microsoft Powerpoint Presentation Techtalk.pptx

Oct 04, 2018 by Bauer, Scott (NIH/NCI) [C]

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