

2018.10 Technical Discussions Debrief

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

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
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Discussion	Discussion Points: EVS API Services • 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 ◦ utilize the services spreadsheet • Provide LexEVS resources to help with EVS API. • Investigate infrastructure considerations (cloud environments?). • Single Service coverage (provide single search mechanism) ◦ REST Service for Meta ◦ EVS REST API ◦ LexEVS API Discussion: • 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) ◦ 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) ▪ Model to represent the map ▪ API services for the mapping ▪ Method of mapping and capturing learning algorithms(?) • Priorities ◦ 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) ▪ Identify the queries for MetaT ▪ Improve and extend current functionalities ▪ Pain points ▪ Determine best case suggestions ▪ Consider mapping use cases Model Changes (OWL) • 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) Discussion: • Not an immediate requirement • Implementation would be fairly significant. Admin UI • Continue to use the GUI as it is • Consider to look at the dashboard viewer (query) Discussion: • not an immediate requirement.
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File

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Microsoft Powerpoint Presentation Techtalk.pptx

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

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