

2017.12 Technical Face-To-Face Meetings

Document Information

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The **purpose of this document** is to document the 2017.12 technical face to face meeting details between NCI and Mayo.

Previous Face-to-Face (November 30 - December 2, 2016)

- [2016.12 Technical Face-To-Face Meetings](#)

December Face-to-Face (December 5 - December 7, 2017)

Meeting Details

NCI Shady Grove Campus 9609 Medical Center Drive Rockville, MD 20850 http://www.cancer.gov/about-nci/visit Rooms: Tuesday, December 5 4-W-034 8:00-12:00 5-W-032 12:30- 5:00 Wednesday, December 6 3-W-030 8:00-10:30 (gap 10:30-11:00) TE-420 11:00-12:30 3-W-030 1:00- 5:00 Thursday, December 7 1-E-030 8:00-11:00 (gap 11:00-12:00) 3-W-030 12:00- 1:00 5-E-030 1:00- 5:00	Conference Details Remote Dial-In (all 3 days): 1-866-660-5416 # 2398515 WebEx: Tuesday, December 5 • https://cbit.webex.com/cbit/j.php?MTID=md0d70c9ae6f99111788254c9503d0419 Wednesday, December 6 • https://cbit.webex.com/cbit/j.php?MTID=m6d9ee47a1f2caac399db416f747a34a5 Thursday, December 7 • https://cbit.webex.com/cbit/j.php?MTID=m07625fd75411fb36bfcfb6ce436906be
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Meeting Notes

[2017.12 Technical Face-To-Face Meeting Notes](#)

[2017.12 Technical Face-To-Face Prioritization List](#)

Attendees

Hahn-Dantona, Elizabeth (NIH/NCI) [C] <hahndane@mail.nih.gov>;

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References

Agenda

		Tuesday, December 5		
Time	Location	Topics	Participants	Resources
9:00 AM - 11:00 AM	4-W-034	EVS Status and Future Direction Discuss EVS current state, trends, and future directions - Larry to give brief overview of EVS infrastructure, resources, and services. - Review overall technical workflow and architecture. - Group discussion of future possible directions and priorities.	Broad cross-EVS participation	EVS Project Architecture (so far only LexEVS)
11:00 AM - 12:00 PM	4-W-034	EVS Technical Infrastructure, Issues, and Options Flesh out architecture and workflow diagrams, identify key areas of discussion - Review overall architecture and expand/update - Identify areas where current infrastructure is changing or problematic	Primarily EVS technical team members (several have conflicting clinical trials meeting)	EVS Project Architecture
Noon - 1:00 PM		Lunch		
1:00 PM - 2:00 PM	5-W-032	User Group Discussion - caDSR User Teams to share how they are using EVS and discuss requirements/priorities for the future. - APIs: Java, REST (CTS2 or 3-store), SPARQL, FTP - Backwards compatibility of server/client/data releases - Incl: Java/jar file issues and future - Incl: New terminology server API/content/other needs.	caDSR contact - Denise, Philippa, developers	Proposed Biomarker Terminology Sets_2017-12-05.pptx
2:00 PM - 3:00 PM	5-W-032	User Group Discussion - FDA and CDISC User Teams to share how they are using EVS and discuss requirements/priorities for the future. - APIs: Java, REST (CTS2 or 3-store), SPARQL, FTP - Backwards compatibility of server/client/data releases - Incl: Java/jar file issues and future - Incl: New terminology server API/content/other needs.	Editors Liz, Erin, Brenda	

3:00 PM - 4:00 PM	5-W-032	User Group Discussion - CTRP / CTS-API User Teams to share how they are using EVS and discuss requirements/priorities for the future. • APIs: Java, REST (CTS2 or 3-store), SPARQL, FTP • Backwards compatibility of server/client/data releases • Incl: Java/jar file issues and future • Incl: New terminology server API/content/other needs.	CTRP / CTS-API - managers, developers, Tiger team (Gisele, Samantha, David, Brian, Peter, Tracy, Jason, others)	
		Wednesday, December 6		
Time	Location	Topics		Resources
9:00 AM - 10:00 AM	3-W-030	EVS Architecture Discuss Potential of using a variety of architectures Proposed topics for discussion: • Micro services ◦ Considerations: ■ Determine how to synchronize data on the back-end. LexEVS DB and Triple Store need to be in sync when NCIt information (such as value sets) changes. ■ Determine the potential of a loader that relies on SPARQL queries (after SPARQL query load, kick off LexEVS loader) • LexEVS integration with EVS Triple Store ◦ Considerations: ■ Determine use of triple store calls in parallel with LexEVS DB ■ Determine performance improvements over LexEVS DB ■ Determine what calls could be made to the triple store instead of LexEVS. ■ Determine use of Stardog built in graph database. ■ Determine performance considerations for hierarchy traversal for graph resolution. • Future implementation considerations	Gilberto Fragoso Kim Ong Tracy Safran Rob Wynne Larry Wright Margaret Haber Sherri De Coronado Bron Kisler Systems team John Cambell /Ruth Monterio users of the SQARL	MicroServiceProp.pptx TripleStore.pptx
10:00 AM - 12:00 PM	10:00-10:30 3-W-030 11:00-12:30 TE-420 (Can't fill gap 10:30-11:00)	EVS Architecture - Technical Discussion with Systems team Discuss technical aspects of potentially using a variety of architectures Proposed topics for discussion: • Micro services ◦ Considerations: ■ Embedded Tomcat implementations ■ Alternative web service platforms ■ Container/Port clashes • LexEVS integration with EVS Triple Store ◦ Considerations: ■ SPARQL clients ■ Docker options • Future implementation considerations ◦ Java ◦ Python ◦ Node.js/javascript ◦ Others?	Systems team	
Noon - 1:00 PM		Lunch		
1:00 PM - 2:00 PM	3-W-030	EVS Project Group Discussion (During regular call-in time) Proposed topics for discussion: • (High Level Overview) Discuss direct calls to NCIt for value sets ◦ Performance ◦ Workflow ◦ API Implications • Discuss Mappings and cross-walking coding schemes • SwissProt, ICD-0-3, and MED-RT as the successor of NDRFT ◦ Associations from/to ◦ Cross walking coding schemes ◦ Loader considerations for Mesh, RxNorm	Kim Ong Tracy Safran Rob Wynne Editor's Representative/Margaret Haber Larry Wright Sherri De Coronado Gilberto Fragoso	Proposed Biomarker Terminology Sets_2017-12-05.pptx

2:00 PM - 3:00 PM	3-W-030	NCI Systems Discussions Proposed topics for discussion: • Discuss CI and Docker Status/Roadmap ◦ Discuss the current status of the Docker scripts used to build /test LexEVS components. ▪ Discuss the current NCI Docker images used in LexEVS tests. ◦ Discuss NCI's current status and future plans to use Docker. • Discuss Tech Stack Upgrades ◦ Discuss DB upgrade: MySQL 5.6 vs. MariaDB ◦ Discuss migrating from Anthill Pro to Jenkins	Jacob and Systems team Gilberto Fragoso Rob Wynne Tracy Safran Kim Ong Larry Wright Margaret Haber Sherri De Coronado Q/A (Sana)	
3:00 PM - 4:00 PM (added meeting)	3-W-030	User Group Discussion - caDSR Continued discussion of current API • APIs: Java, REST (CTS2 or 3-store), SPARQL • https://github.com/CBIIT/cadsr-semantic-tools	caDSR - Philippa, Vikram, Natalia, Rui	EVS REST API • https://evsrestapi.nci.nih.gov/evsrestapi/swagger-ui.html#/evs-controller CTS2 REST API • https://lexevscts2.herokuapp.com/cts2 caDSR LexEVS API calls • caDSR-EVS-Calls-NA.xlsx • caDSR-EVS-Calls-VS.xlsx
Thursday, December 7				
Time	Location	Topics		Resources
9:00 AM - 12:00 PM	1-E-030	API Services Proposed topics for discussion: • Overview of EVS REST API and future direction ◦ Discuss what exists today. ◦ Discuss future plans. • Overview of LexEVS provided API services and future direction ◦ LexEVS API ◦ LexEVS Remote API ◦ LexEVS REST API (CTS2-based) • Discuss a new REST service ◦ Discuss user requirements for a new REST API ▪ Document the gaps from CTS2 REST API and user requirements. ▪ Explore how simple searches and searches with an identifier and how this could replace most of the remote API. ◦ Consider a new REST API to supplement CTS2 REST Services ▪ Propose examination of current CTS2 REST API ▪ Capture what doesn't work for the end users. ▪ Review gap between Remote API and REST services. ◦ Discuss surfacing terminology history in a REST service (NCIt and ULMS) ▪ Determine what history information is required by the user to be returned. • Discuss surfacing history of value sets in a REST service ▪ Discuss if this fits into LexEVS or is part of a new REST API	Kim Ong Tracy Safran Rob Wynne End users such as CTRP, others Larry Wright Margaret Haber Sherri De Coronado Gilberto Fragoso	DiffCTS2_LexEVS.pptx
Noon - 1:00 PM	3-W-030	Lunch		
1:00 PM - 3:00 PM	5-E-030	Prioritization and debrief Determine strategic direction and priorities	Kim Ong Tracy Safran Rob Wynne Larry Wright Margaret Haber Sherri De Coronado Gilberto Fragoso	