2017.12 Proposed F2F Agenda Topics

Document Information

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The **purpose of this document** is to capture proposed agenda topics for the 2017 technical face to face meeting between NCI and Mayo.

Agenda Item	Purpose/Goals	Proposed Duration	Participants	Time/Date Restrictions	Technical Discussion /Presentation	Added to Schedule

Tuesday, December 5
 	
9:00-11:00
 	
EVS Status and Future Direction
	• **Discuss EVS current state, trends, and future directions**
	  ○ Larry to give brief overview of EVS infrastructure, resources, and services, to help frame discussion
	  ○ Group discussion of future possible directions and priorities.
		2 hours	Broad cross-EVS participation	Tuesday 9:00 AM	Slide of technical components
					
					Full EVS view of all the technical components.
					
					EVS Project Architecture	

11:00-12:00
 	
EVS Project Architecture
	Proposed topics for discussion:
	
	• **EVS Project Architecture Review and Update**
	  ○ Review overall architecture and provide updates.
	  ○ Describe and record full EVS architechture
		1 hour	Broad cross-EVS participation	Tuesday 11:00 AM	**EVS Project Architecture**	

1:00-2:00
 	
User Group Discussion
• caDSR
	Proposed topics for discussion:
	
	• **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.
		1 hour	caDSR contact - Denise, Philippa, developers	Tuesday 1:00 PM		

2:00-3:00
 	
User Group Discussion
• FDA
• CDISC
	Proposed topics for discussion:
	
	• **User Teams to share how they are using EVS and discuss requirements/priorities for the future.**
	  ○ Value set curation in the context of sourcing value sets directly from NCIt
	  ○ Desired output structure
	  ○ 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.
		1 hour	Editors
			
			Liz, Erin, Brenda
				Tuesday 2:00 PM		

3:00-4:00 ?
 	
User Group Discussion
• CTRP / CTS-API
 	
Reschedule - conflicts with Tiger Team (was at 11-12)
	Proposed topics for discussion:
	
	• **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.
		1 hour	CTRP / CTS-API - developers, managers, Tiger team (Brian, Peter, Tracy, Jason, others)	Tuesday 3:00 PM		

Wednesday, December 6
 	
9:00-10:00
 	
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)
	     ■ MicroServices and LexEVS
	     ■ MicroServices and deployment options
	- **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**
		1 hour	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
				Wednesday 9:00 AM	Micro service proposals
					
					LexEVS and Triple Store - Would be useful to have slides for suggested integration
					
					- Umbrella REST API that would connect to LexEVS REST API and Triple Store	

10:00-12:00
 	
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?
		2 hours	Systems team	Wednesday 10:00 AM		

1:00-2:00
 	
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
	     ■ Configuring LexEVS xml to allow load against source not in the service
		1 hour	Kim Ong
			
			Tracy Safran
			
			Rob Wynne
			
			Editor's Representative /Margaret Haber
			
			Larry Wright
			
			Sherri De Coronado
				Wednesday 1:00 PM		

2:00-3:00
 	
NCI Systems Discussions
 	
- CI and Docker Status /Roadmap
- Tech Stack Upgrades
	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
		1 hour	Jacob and Systems team
			
			Gilberto Fragoso
			
			Rob Wynne
			
			Tracy Safran
			
			Kim Ong
			
			Larry Wright
			
			Margaret Haber
			
			Sherri De Coronado
			
			Q/A (Sana)
				Wednesday 2:00 PM		

Thursday, December 7
 	
9:00-12:00
 	
API Services
 	
(10-12 Conflicts: Data Commons & GDC meetings)
	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
		3 hours	Kim Ong
			
			Tracy Safran
			
			Rob Wynne
			
			End users such as CTRP, others
			
			Larry Wright
			
			Margaret Haber
			
			Sherri De Coronado
				Thursday 9:00 AM		

1:00-3:00 Prioritization and debrief	Determine strategic direction and priorities	1-2 hours		Thursday 1:00 PM		