LexEVS Meeting Agenda

Meeting Name:	LexEVS Technical meeting (Part of EVS Tools Meeting)	Location:	NCI 2115 Conf Room 5034 (NIH/NCI) Mayo RST-41st Street Bldg, 3-240C
Date:	2/20/13	Time:	1:00 PM CST
Facilitator:	Larry Wright / Craig Stancl	Attendees:	xWright, Larry (NIH/NCI) xFragoso, Gilberto (NIH/NCI) De Coronado, Sherri (NIH/NCI) xSafran, Tracy (NIH/NCI) Haber, Margaret (NIH/NCI) xOng, Kim L (IS) xLucas, Jason R (IS) xBauer, Herbert S. (Scott) xLian, Zonghui xPeterson, Kevin xStancl, Craig Wynne, Robert (NIH/NCI) Brem, Larry (NIH/NCI) [C] xPan, JJ (NIH/NCI) [E] Roth, Laura (NIH/NLM) xAger, Mandy (Mayo) Murthy, Sahana (Mayo) xHardie, Linda (Mayo) xFrutiger, Kim (Mayo) xRamani, Vivek (NIH/NCI) [C] xTran, Tin (NIH/NCI) [C] Carlsen, Brian (NIH/NCI) [C]
Conf. Line	Call in: 1-866-660-5416, pass code: 2398515 Meeting Number: 732 008 454 Meeting Password: 4NCI https://cbiit.webex.com/cbiit/j.php?J=732008454&PW=NMDdjMzI0ZDVm		

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Outstanding Action Items		
Action Item	**Status**	**Owner**
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LexEVS Discussion Topics		
Topic	**Discussion Points**	**Action Items**
• Discuss REST URI implementation (Kevin)	• To go from LexEVS to CTS2 we need to enforce a URI. CTS2 does require a URI. This brings up many questions as to how URIs will be assigned – what is the canonical URI? We will be working on resolving and designing this in the coming weeks. We will look at how SNOMED, LOINC, Medra currently use URIs. A strategy will need to be put in place. If the original authority doesn't have one, use the UMLS SAB and RSAB and use an URI scheme to create the URI (default creation). For reference, NCBO uses PURLS. Gilberto suggests discussion of PURLS.	• Set up time to discuss with NCI/Mayo. Create a draft to share with the community for group (if needed). • Mandy to set up a time with Sherri, Larry, Larry, Gilberto, Brian Carlson and Mayo team for discussion.
• Release Discussion – what should be included in the September release? Support items, new development, loaders. Difference between support items that have to go thru the tiers vs those that don't. Those that don't have traditionally been addressed as 6.0.x. (Craig)	• This will be LexEVS 6.1 and not 7.0. • All jira items will become part of the 6.1 release. There will not be a separate relase for jira items.	• Documentation and planning will be considered 6.1.
• Discuss snomed loader – does not build transitivity table (Kevin)	• (Jira 533) This is RRF loader. This needs to be fixed as it was introduced in the 6.0.3 fixes. A regression bug that needs to be	• Mayo will add this to the jira priority list.

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	fixed as we go forward.	
• JIRA 522 – Server crash problem – we would like to close this item open a new one to cover performance improvement of hierarchy traversal (Craig)	• 522 will be closed and replaced by new Jira item in the performance deliverables. • Orient DB has been evaluated by Linda. Evaluated based on several requirements. • Results are promising. • Installation and configuration is trivial. • Lacks documentation, not thread safe, limited security. Believe can be managed. • Would want to have only read only access. • Security concerns would be minimal as all this would be behind LexEVS. • Some of the sources are at a depth of 20, so would want to check that. • Risk of backing out of such a solution – none as we wouldn't replace what exists in LexEVS. Only risk is the time it would take for integration. • Under apache license. • CouchDB - more for unstructured JSON-like data. So not usable as a graph database.	• New Jira item to be created for performance hierarchy traversal. • 522 will be closed by Mayo. • Linda to get numbers at depth of 20 an up to 1.4 Million Nodes. • Consider this in our architecture planning for hierarchy traversal. \ • Checkpoints will be put into the plan to be able to assess inclusion or deferment.
• Review JIRA items for prioritization (Mandy/Craig)	• Will need to start looking at other JIRA items. We currently have 2 to work on.	• Will need to review during the next meeting.
• Update on plan progress (Mandy)	• The plan is coming together and we are in the process of identifying dependencies and will start assigning resources.	• Mayo to complete the project plan and share with NCI. • Mayo to create related

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	• CTS2 REST, Loader Dev, Performance, Jira items • Will start creating Jira Items for each high level task. •	JIRA items. • Architecture anticipated to be completed in 2 weeks.
• Search options and priorities (following up on initial discussions in face to face)	• Being able to get multi words in any order – is more useful ("prostate cancer" should return prostate cancer, cancer, cancer of the prostate. • Mix of type-ahead in exact match or contains. • Fault tolerance – spell check for searches. • Scalability of these searches across all is something to consider. • Limit to single source or some of the sources to be kept in mind. • NCI has noticed that the Metaphone and double metaphone was very lax in searching – would not be usable as is today.	• Add these search requirements (multi words in any order, type ahead, fault tolerance) to design. • Add requirement of limit to "single source" and then "some key sources" to be included in the design. • OSGi planning meeting next week to be schedulded by Larry Brem.
• QA of LexEVS 5.1 Struts Patch release.	• WAR file checked into SVN so more accessible to the QA team. • Junits are complete and ready to run. • QA can run and contact Lian or Scott B if needed. • Data refresh on QA might be needed. Tracy to do this. • NCI to manage the JIRA requests to move up the tiers.	• NCI QA team to run junits.
• Loader prioritization and coordination of effort – RRF, MedDRA, OWL2,	• 3-OWL2 lower • 1-RRF higher (NLM direction)	• Will keep RRF and Medra as priority in the project

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SNOMED	• 2-Medra (should be simple) – Kim can help with this source. •	plan. •
• GForge item [#32001] View in Hierarchy for neoplasms in ICD-10 does not display It is currently unresolved and may have to do with the ClaML loader. (Robert)	• This is long standing issue and is in production. •	• Further discussion next week.
Adjourn	Thanks for your participation!	