2019-01-08 Meeting notes

Date

08 Jan 2019

Attendees

- Safran, Tracy (NIH/NCI) [C]
- Kim Ong
- Jason Lucas
- Corey Endle
- Scott Bauer

Goals

Discussion items

Time	Item	Who	Notes
	Mapping Meeting		- Mayo to demo tool. Any support needed? - The UMLS group is making their mapping tool available and will be showing how to do it with the command line - Long term - what is the need for the final tool. - tiers of increasingly stident matches - Only send previously unmapped terms - Controlling interface accessing maybe multiple services - Steve had collected mapping requirements - do we still have that? I will look - Kim will demo new iteration of mapping tool tomorrow
	Java 11		- Access to tech stack plans - What would need to be migrated simultaneously - LexEVS local and remote. CTS framework - RMI Users? Probably - Browsers all local but use client jars - Java compatibility - lucene to 551 - package changes, class removals - class security tightened
	CTS		Lyuba has pulled back on idea of writing their data layer. They are still using 6.4.
	Cloud as RMI solution		Kim uses the RMI to help development. Is a cloud server an option to allow us to retire RMI? Can cloud server be mounted as a local drive? Is CentOS capable of being mounted as local drive as an alternative?
	Cloud in general		NCI cloud group not being very responsive - which creates risk. Still need answers on control and cost.
	Triplestore		Last discussion we chatted structure and said it might need a database to store hierarchies of indexes. Any more thoughts? Could this be stored itself in TS or does it need relational? For very specific use case of resolving large hierarchies - graph databases are best. Some other types of queries are very fast - Kevin has been working with Arango and OSQL. Calls itself a "multi-model" database.

	Use cases - needed to develop concrete architecture		Text search
			Hierarchy resolution
			Hierarchy navigation
			Mapping
			Value Sets
			Reporting and exporting
			Coding scheme metadata
			Filtering return values - entity resolution
			Metathesaurus and how to host
	Future of LexEVS		The structure likely will be left behind.
			Still valid portions can be broken out as microservices, or inform new services
			Data model is sound and useful as a terminology service
			Metathesaurus to RDF or still supported in LexEVS? Consult with UMLS developers. Us UMLS backend and their API?

Action items

- ☐ Tracy to look for Steve's mapping requirements
- ☐ Tracy - continue to pursue tech stack
- ☐ All - focus on Mapping requirements for next week