LexEVS Meeting Minutes - 2023.03.29

Agenda

EVS Discussion

SYSTEMS	

Systems	Discussion Points:
	
	• Status of migration on new QA tier.
	   ◦ Archive old server - shut down 3/13/23
	   ◦ Dev server requested 3/28/23 d790
	• Stage migration status
	   ◦ Not yet started - will be done by systems engineering group
	      ☑ Need to find name of personnel doing this work
	      ☑ Email sent today to check on this
	• Semantics URL to be applied to Stage tier for EVS Explorer- handed to Cuong, still open
	   ◦ Response received - in progress
	• ncimvn throwing errors on browse. Unable to deploy jars
	   NCI-RITM0430542 **- to be escalated**
	• LexEVS data-qa DB - disk space full. A follow-up ticket to have unused database dumps removed is being filed. NCI-RITM0429752. Partially resolved but further work needed.
	• QA tier term browser keeps going down spontaneously. Jason to create ticket
	• Systems not in attendance. Mark will contact and review all key tickets mentioned

LEXEVS UPDATES	

Future Planning	Planning for April - EVS Plans for April 2023.png
	
	• Complete Refactoring Phase 1 - Vulnerable Dependencies
	• Start Refactoring Phase 2 - Update Dependencies to Current Version
	• Test Java 8 migration to 11
	   ◦ Had a meeting Thursday 3/23 to discuss with systems. Corretto Java 8 will be supported till 2026
	   ◦ Corretto Java8 installed on Dev.
	   ◦ Waiting for info on migration deadlines
	• Write and review Comparison Mapping Tool User Stories and Requirements
	• Review Devops and Communication channels and needs
	• Proposal for "Health" dashboard for EVS infrastructure

LexEVS Sprint Status	**Current Sprint** - Sprint 204 (Mar 28 - Apr 13 2023)
	
	16X237 Agile Development - Sprint Status#16X237AgileDevelopmentSprintStatus-Sprint204
	
	• Snehal has Jira access
	   ◦ March reports should proceed normally
	   ◦ Add daily activity to User stories being considered
	   ◦ ADO tickets migrated by Mark
	• Vue3 Updates for Report Exporter nearing completion
	• Working on updating ncitbrowser for Spring 5 - on dev
	   ◦ Metathesaurus browser to come
	• LexEVS/CTS2 on Dev - manual deploy
	   ◦ Unit testing in progress

Technical Debt remediation	LexEVS Code Debt Refactoring
	
	• Vulnerable dependencies
	   ◦ In testing
	   ◦ Waiting on technical issue with maven to deploy to dev
	      ■ Manual deploy done, still need jenkins working to go to QA
	• Java 8 to 11
	   ◦ To discuss Thursday 3/23 with Cuong
	   ◦ Java dates - ticket entered by Mark to discuss timelines
	      ■ https://service.cancer.gov/ncisp?id=kb_article_view&sysparm_article=NCI-KB0012548&sys_kb_id=736972ac1bf65110550143bae54bcb10
	• Other dependencies to follow

caDSR Query	Discussion Points:

Statistics Dashboard	Discussion Points:
	
	• Google analytics - Retiring GA and going to GA4
	  ○ Need further experimentation, documentation
	    ☑ Check for local documentation, post to wiki
	  ○ Per Kim - looks like scripts need to be updated from UA to GA4
	    ■ Double check all parties notified
	    ■ EVSExplore
	    ■ NCI Metathesaurus Browser - on QA
	    ■ NCI Terms Browser - on QA
	  ○ No analytics being collected by EVS Explore
	  ○ Add to Report Exporter and EVS Compare
	    ■ EVS Exporter working
	• Sumo Logic issues
	
	Decision Points:

Comparison/Mapping Tool	Discussion Points:
	
	• Plan is to update product roadmap by end of April
	  ○ Needs user stories and requirements
	• March timeframe
	  ○ Specs document to be put together starting in March
	    ■ Link here - https://nih.sharepoint.com/:w:/s/NCI-CBIITLexEVS /EZONW4AtjadEugv3SYctWGIBdIyFLis7ut5CIvvpEgyb4g?e=jgfg6A
	    ■ Meeting held with stakeholders to gather requirements
	  ○ Look at technical debt updates
	  ○ Look at GA4 in this timeframe
	    ■ token to be created - look into what URL this should be under
	• URL = https://evscompare-dev.semantics.cancer.gov/
	  ○ Not currently running - Needs deployment plan
	  ○ Jenkins build exists but not deploy track
	
	Decision Points:

EVS transition to virtual machines	Discussion Points:
	
	• Server Migration 2021
	  ○ QA2
	    ■ QA 1 retirement complete
	    ■ Dev 1 retirement requested
	  ○ Stage
	    ■ Instance of VM instantiated. Needs configuration.
	    ■ Blocker: Waiting to hear from Systems on what is needed to progress, if they have configuration information.
	    ■ Followed by Prod then DataQA
	  ○ Need to improve accountability and communications
	    ☑ Chuck handing off to systems engineering team
	    ☑ Mark to "bird-dog" the handoff
	
	Decision Points:

Report Exporter	• Discussion Points:
	
	  ○ Working on update to Vue3 (JavaScript Framework). EVSREPEXP-451
	    ■ Due: Mar 10 (end of sprint 205); on week 16 of estimated 16
	    ■ master ticket: EVSREPEXP-442 - Migrate Vue.js version from 2.0 to 3.0
	    ■ Description
	      • On Dev and being regression tested
	        ○ Addressing items in unit testing
	        ○ Issue with tree display on "Resolve Branch" screen. 40%, target Mar 31. Working on deeper levels
	        ○ Exporter later feature on Resolve Branch needs tweaking - complete
	  ○ UA to GA4 migration - already completed
	  ○ Vulnerable dependencies
	  ○ Demo wanted in the near future - maybe May
	
	  Decision Points:

AWS Cloud to be in Separate Account	Discussion Points • Frozen Decision Points:

Team Absences	Mayo Team - Tracy off April 3,4. Andrew off half day April 7, April 27 - May 1 MSC - Leidos - Chao off April 3-5 Systems -
	EVS SERVICE AND ARCHITECTURE GROUP UPDATES
EVS Service and Architecture Group	Discussion Points: Decision Points:
	DATA UPDATES
Data	Discussion Points: • Metathesaurus loaded • A problem with standalone SNOMED source (not NCIm) has been identified - and is being examined by Scott and Tracy ○ Related to storage being full during original load. Being reloaded • NCIt 23.03 due next week Decision Points:
	BROWSER UPDATES
Browser	• NetSparker detected vulnerability (cross-site scripting) in NCI-t (production and stage). ☑ Need to contact Cuong to get more information - Mark to reply to email • Tag ready for GA4 on QA
	QA UPDATES
QA	Discussion Points: (see chart) • Completed 6.5 data testing on Stage • March data release on RestAPI completed Stage on Prod • NCIt and NCIm GA testing on QA - in progress ○ accessibility issues slowing progress Decision Points:
	TERMINOLOGIES LIFECYCLE REPORT
	Terminology Updates and Schedule Discussion Points: Decision Points:
Mark Benson TPM Update	Spreadsheet: EVS Service Tickets.xlsx

LexEVS Spring Migration Progress

Technical Debt Related Update	Estimated Effort	Start Date	Complete Date	Status	JIRA	ADO Ticket
Code Inventory	4 days	12/20/22	1/30/23	Complete		2037998
Lexevs - update "easy" jars	2 days	1/31/23	2/13/23	Complete		2111723
Update ddlutils - research and design	3 days	2/2/23	2/15/23	Complete		2122958
Update ddltils - implementations	10 days	2/15/23	3/8/23	Complete		2141127

Lexevs Unit testing	2 days	3/8/2023			In Progress	LEXEVS-5325	2141156
CTS2 lexevs-service vulnerability update	2 days	3/13/2023	3/20/23		Complete		2141189
CTS2 unit testing	2 days	3/20/23			In Progress	LEXEVS-5326	2141198
QA Lexevs / CTS2	3 days					LEXEVS-5327	2141217
Repair QA issues	2 days						
Deployment Lexevs / CTS2	5 days (elapsed)						2141227
Update LexEVS to Java 11 - research and design	4 days						2152899
LexEVS Java 11 implementation	5 days						2152917
lucene 9 - research and design	8 days						2145025
lucene 9 - implementation	15 days						2145027
LexEVS Java 11 unit testing	3 days						2152921
CTS2 lexevs-service Java 11 - research and design	3 days						2152928
CTS2 lexevs-service Java 11 implementation	3 days						2152932
CTS2 unit testing	2 days						2152941
QA Lexevs / CTS2	3 days						2152945
Repair QA issues	2 days						2153023
Update Jenkins	1 day						2152947
Deployment Lexevs / CTS2	10 days (elapsed)						2152950
lexevs-service-rest-docs vulnerability update design	2 days						
lexevs-service-rest-docs vulnerability implementation	4 days						
lexevs-service-rest-docs unit testing	1 day						
lexevs-service-rest-docs QA	1 day						
lexevs-service-rest-docs deployment	4 days (elapsed)						
lexevs-service-rest-docs Java 11 design	2 days						
lexevs-service-rest-docs Java 11 implementation	3 days						
lexevs-service-rest-docs unit testing	1 day						
lexevs-service-rest-docs QA	1 day						
lexevs-system-test design	4 days						
lexevs-system-test implementation	6 days						
lexevs remaining dependency updates - design	10 days						
lexevs remaining dependency updates - implementation	20 days						
CTS2 remaining dependency updates - design	1 day						
CTS2 remaining dependency updates - implementation	3 days						
Unit testing	2 days						
QA	2 days						
Deployment	5 days (elapsed)						
Total Effort (Approximately)	104 days						

Technical Debt Related Update	Estimated Effort	Status
Report Exporter vulnerabilities - design	4 days	
Report Exporter vulnerabilities - implementation	5 days	
Unit testing	2 days	
QA	2 days	
Deployment	5 days (elapsed)	

Vocabularies Slated for Production

Vocabulary Name	Local Name	Version	Arrival Date	Loaded to data-qa DB	Date to Stage	Date to Production
Vocabulary Name in LexBIG	Short Name	Version identifier	Date the vocabulary arrived for processing	Has the vocabulary been loaded to the data-qa database?	Approximate date the vocabulary version is scheduled to move to staging	Approximate date the vocabulary version is scheduled to move to production
NCI Thesaurus	NCIt	23.03d	03/27/2023	yes		
NCIt-HGNC	NCIt-HGNC	Mar2023	03/27/2023	yes		
SwissProt	SwissProt	Mar2023	03/27/2023	yes		
MetaThesaurus	META	202302	03/13/2023	yes	03/29/23	03/31/23

QA Schedule and Status

see

SECTION FOR FUNCTIONAL SYSTEM TESTING STATUS ::

Application and Version	Percentage Complete	Estimated Completion Date per Iteration	Priority Level	Type Of Testing	Current Tier for Release (DEV, QA, Stage, Prod)	Expected Production Date
EVS REST API (v1.6)	100%	5/27/2022	High	Progression + Regression	QA	6/6/2022
EVS Explore (v1.6)	100%	5/27/2022	High	Progression + Regression	QA	6/6/2022
EVS REST API(v1.6)	100%	6/1/2022	High	Regression	Stage	6/6/2022
EVS Explore(v1.6)	100%	6/2/2022	High	Regression	Stage	6/7/2022
EVS REST API(22.05e) - Monthly Data Deployment	100%	6/1/2022	High	Regression	Stage	6/3/2022
EVS REST API(22.05e) - Monthly Data Deployment	100%	6/3/2022	High	Regression	Production	6/3/2022
EVS REST API(v1.6)	100%	6/6/2022	High	Regression	Production	6/6/2022
EVS Explore(v1.6)	100%	6/7/2022	High	Regression	Production	6/7/2022
NCIt,NCIm,TermForm(22.05e + GO & HGNC Jun 2022 Deployment)	100%	6/3/2022	High	Regression	Stage	6/6/2022
NCIt,NCIm,TermForm(22.05e + GO & HGNC Jun 2022 Deployment)	100%	6/6/2022	High	Regression	Production	6/8/2022
EVS REST API(22.06d) - Monthly Data Deployment	100%	6/30/2022	High	Regression	Stage , Production	6/30/2022
NCIt,NCIm,TermForm(22.06d) - Monthly Data Deployment	100%	7/8/2022	High	Smoke	Stage,Production	7/8/2022
NCIt,NCIm,TermForm(22.05e + GO & HGNC Jun 2022 Deployment)	100%	6/3/2022	High	Regression	Stage	6/6/2022
NCIt,NCIm,TermForm(22.06d) - Monthly Data Deployment	100%	7/8/2022	High	Smoke	Stage,Production	7/8/2022
NCIt,NCIm,TermForm(ChEBI, GO & HGNC July 2022 Deployment)	100%	7/12/2022	High	Smoke	Stage	7/12/2022
NCIt,NCIm,TermForm(ChEBI, GO & HGNC July 2022 Deployment)	100%	7/13/2022	High	Smoke	Production	7/13/2022
EVS REST API(22.07d) - Monthly Data Deployment	100%	7/27/2022	High	Regression	Stage , Production	7/27/2022
NCIt,NCIm,TermForm(22.07d) - Monthly Data Deployment	100%	8/1/2022	High	Smoke	Stage,Production	8/1/2022

NCIt,NCIm,TermForm(CanMED, GO & HGNC AUG 2022 Deployment)	100%	8/3/2022	High	Smoke	Stage,Production	8/3/2022
EVS REST API - 1.6.1 (Hot Fix Deployment)	100 %	8/3/2022	Highest	Progression + Regression	Stage,Production	8/4/2022

Attendees

Name	Role	Present
Remennik, Lyubov	NIH/NCI	
Safran, Tracy	NIH/NCI [C]	
Ong, Kim L	NIH/NCI [C]	
Lucas, Jason R	NIH/NCI [C]	
Bauer, Scott	NIH/NCI [C]	
Alkis, Barry	NIH/NCI [C]	
Solie, Chuck	NIH/NCI [C]	
Truong, Tracy	NIH/NCI [C]	
Kondareddy, Swathi	NIH/NCI [C]	
Singh, Itendra	NIH/NCI [C]	
Zhang, Chao	NIH/NCI [C]	
Johnson, Connie	NIH/NCI [C]	
Whiteman, Lori	NIH/NCI [C]	
Benson, Mark	NIH/NCI [C]	
Andrew Moore	NIH/NCI [C]	

JIRA Issues

Recent EVS Stats Dashboard Related Bugs and Features (within last week)

key	summary	type	created	reporter	priority	status

⚠ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

Recent Report Exporter Related Bugs and Features (within last week)

key	summary	type	created	reporter	priority	status

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View these issues in Jira

Recent LexEVS Related Bugs and Features (within last week)

key **summary** **type** **created** **reporter** **priority** **status**

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Recent CTS2 Service Related Issues (within last week)

key **summary** **type** **created** **updated** **due** **assignee** **reporter** **priority** **status** **resolution**

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6.5 LexEVS Related Issues

key **summary** **type** **created** **updated** **due** **assignee** **reporter** **priority** **status** **resolution**

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6.5 CTS2 Service Related Issues

key **summary** **type** **created** **updated** **due** **assignee** **reporter** **priority** **status** **resolution**

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View these issues in Jira

| Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 |

Feb — Mar — Apr — May

Hierarchy	Milestone	Work Steps
1		Refactor code dependencies to current supported versions
1.1		Codebase, code-debt is Inventoried
1.3		Code Debt Refactoring
	1.3.1	Phase I - Vulnerable Dependencies
		Phase II - Update Dependencies, Current Version
		Phase III -
		Java 8 (Oracle to Corretto JDK)
1.4		LexEVS is refactored to Spring 5
1.5		Report Exporter is refactored to Vue 3
2		Sunset LexEVS components
3		Infrastructure: Migration to Virtual Machines
3.3		QA2
3.4		DataQA
3.5		Stage
3.6		Prod
4		Improve Metrics Dashboard
4.3		Update Google Analytics to GA4
5		Report Exporter
6		Comparison Mapping Tool
6.1		Written product vision statement and plan with use cases
6.2		Needed Features Identified and documented in Feature Doc
6.3		Implementation Plan for Feature doc
7		LexEVS Maintenance Support
8		Ops and Other Notable Actions
8.2		Devops Review, communication channels
8.3		Health Dashboard