

LexEVS Meeting Minutes - 2023.03.15

Agenda

EVS Discussion

	SYSTEMS
Systems	<p>1. Discussion Points:</p> <ul style="list-style-type: none">• Make sure Mark is included in all systems communications and emails• Status of migration on new QA tier.<ul style="list-style-type: none">◦ Archive old server - shut down 3/13/23• Stage migration status<ul style="list-style-type: none">◦ Not yet started - will be done by systems engineering group<ul style="list-style-type: none">☑ Need to find name of personnel doing this work◦ Upgrading to Java 11 should be simple and reversible• Semantics URL to be applied to Stage tier for EVS Explorer- handed to Cuong, still open<ul style="list-style-type: none">◦ Response received - in progress• New procedure - all tickets tracked on spreadsheet created by Mark <p>Decision Points:</p>
	LEXEVS UPDATES
LexEVS Sprint Status	<p>Current Sprint - Sprint 205 (Feb 28 - Mar 13 2023)</p> <p>16X237 Agile Development - Sprint Status#16X237AgileDevelopmentSprintStatus-Sprint205</p> <ul style="list-style-type: none">• To meet soon to discuss ADO vs Jira reporting<ul style="list-style-type: none">◦ Ticket in for Snehal to have access to Jira<ul style="list-style-type: none">▪ Snehal testing Jira access• Vue3 Updates for Report Exporter nearing completion• Working on updating ncitbrowser for Spring 5 - on dev<ul style="list-style-type: none">◦ Metathesaurus browser to come• About 95% work on vulnerabilities in LexEVS<ul style="list-style-type: none">◦ CTS2 in progress
Future Planning	<p>Discussion Points:</p> <p>Planning for Mayo team in the coming fiscal year:</p> <ul style="list-style-type: none">• Java 8 migration to 11<ul style="list-style-type: none">◦ EOL Sep '23<ul style="list-style-type: none">▪ Corretta Java8 extends through 2026.◦ Waiting for info on migration deadlines◦ Implications for Tomcat containers◦ JREs available on servers<ul style="list-style-type: none">▪ New VMs will be created to support• EVS Compare<ul style="list-style-type: none">◦ Requirements meeting later this week
Technical Debt remediation	<p>LexEVS Code Debt Refactoring</p> <ul style="list-style-type: none">• Code inventory for Java migration<ul style="list-style-type: none">◦ Work begun on implementation◦ Inventory is complete• Vulnerable dependencies<ul style="list-style-type: none">◦ Work on lexevs nearing completion◦ CTS2 in testing• Java 8 to 11<ul style="list-style-type: none">◦ To discuss next week with Cuong◦ Java dates - ticket entered by Mark to discuss timelines<ul style="list-style-type: none">▪ Meeting Monday, 3/20▪ https://service.cancer.gov/ncisp?id=kb_article_view&sysparm_article=NCI-KB0012548&sys_kb_id=736972ac1bf65110550143bae54bcb10• Other dependencies

CTS2 Mapping/URI Resolver	<p>Discussion Points:</p> <p>Decision Points:</p>
caDSR Query	<p>Discussion Points:</p>
Statistics Dashboard	<p>Discussion Points:</p> <ul style="list-style-type: none"> • Google analytics - Retiring GA and going to GA4 <ul style="list-style-type: none"> ◦ May need to only update GA, not applications. <ul style="list-style-type: none"> ▪ Need further experimentation, documentation ▪ Per Kim - looks like scripts need to be updated from GA3 to GA4 <ul style="list-style-type: none"> • Double check all parties notified ◦ No analytics being collected by EVS Explore ◦ Add to Report Exporter and EVS Compare <ul style="list-style-type: none"> ▪ EVS Exporter working - check for ticket ▪ Create token for EVS Compare - though it is not ready to gather yet • Sumo Logic issues <ul style="list-style-type: none"> ◦ Metrics reported for February <p>Decision Points:</p>
Comparison/Mapping Tool	<p>Discussion Points:</p> <ul style="list-style-type: none"> • March timeframe <ul style="list-style-type: none"> ◦ Specs document to be put together in March <ul style="list-style-type: none"> ▪ Link here - https://nih.sharepoint.com/:w:/s/NCI-CBIITLexEVS/EZONW4AtjadEugv3SYctWGIBdlyFLis7ut5ClvvpEgyb4g?e=jgfg6A ▪ Other info? ◦ Look at technical debt updates ◦ Java 11 ◦ Look at GA4 in this timeframe • URL = https://evscompare-dev.semantics.cancer.gov/ <ul style="list-style-type: none"> ◦ Not currently running - pursue on server • Look at Apelon mapping tool - https://apelon.com/solutions/terminology-tooling/termmanager/ <p>Decision Points:</p>
EVS transition to virtual machines	<p>Discussion Points:</p> <ul style="list-style-type: none"> • Server Migration 2021 <ul style="list-style-type: none"> ◦ QA2 <ul style="list-style-type: none"> ▪ QA 1 retirement ◦ Stage <ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Chuck handing off to systems engineering team <input checked="" type="checkbox"/> Mark to "bird-dog" the handoff ◦ Subsumed by Java 11 migration? <ul style="list-style-type: none"> ▪ Discuss with Cuong <p>Decision Points:</p>
Report Exporter	<p>Discussion Points:</p> <ul style="list-style-type: none"> • Working on update to Vue3 (JavaScript Framework). EVSREPEXP-451 <ul style="list-style-type: none"> ◦ Due: Mar 10 (end of sprint 205); on week 14 of estimated 16 ◦ master ticket: EVSREPEXP-442 - Migrate Vue.js version from 2.0 to 3.0 ◦ Description <ul style="list-style-type: none"> ▪ On Dev and being regression tested <ul style="list-style-type: none"> • Addressing items in unit testing ▪ Working on rebuilding <ol style="list-style-type: none"> 1. Select Concept Codes for Entity Export -100% complete 2. Select Properties - 100% complete 3. Formatted export - 100% ▪ Issue with tree display on "Resolve Branch" screen ▪ Jenkins having issues with deploying to AWS <ul style="list-style-type: none"> • Possibly due to systems issues with AWS - NCI-CHG0015355 • GA3 to GA4 migration • Vulnerable dependencies <p>Decision Points:</p>

AWS Cloud to be in Separate Account	<p>Discussion Points</p> <ul style="list-style-type: none"> • Frozen <p>Decision Points:</p>
Team Absences	<p>Mayo Team -</p> <p>MSC -</p> <p>Leidos -</p> <p>Systems -</p>
	EVS SERVICE AND ARCHITECTURE GROUP UPDATES
EVS Service and Architecture Group	<p>Discussion Points:</p> <ul style="list-style-type: none"> • Remote API and URI Resolver retirement <ul style="list-style-type: none"> ◦ Looking at 3 months after announcement - July ◦ Need an announcement sent out ahead of time <ul style="list-style-type: none"> ▪ Announcement sent out with NCIt release on 3/15/23 <p>Decision Points:</p>
	DATA UPDATES
Data	<p>Discussion Points:</p> <ul style="list-style-type: none"> • 23.02d - value set debugging complete <ul style="list-style-type: none"> ◦ deployed to Prod • Monthlies being worked on now - expected to Prod by Monday • QA to be discussed Thursday morning <ul style="list-style-type: none"> ◦ Script sent to Chao and Eric to detect error in future ◦ Further measures that can be taken? <p>Decision Points:</p>
	BROWSER UPDATES
Browser	<p>Discussion Points: Nothing this week</p> <p>Decision Points:</p>
	QA UPDATES
QA	<p>Discussion Points: (see chart)</p> <ul style="list-style-type: none"> • 1.7 Completed on Prod - concluded • Feb 23.02d data testing completed on Stage and Prod <p>Decision Points:</p>
	TERMINOLOGIES LIFECYCLE REPORT
	<p>Terminology Updates and Schedule</p> <p>Discussion Points:</p> <p>Decision Points:</p>
Mark Benson TPM Update	Spreadsheet: EVS Service Tickets.xlsx

LexEVS Spring Migration Progress

Technical Debt Related Update	Estimated Effort	Start Date	Complete Date	Status	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 ddlutils - implementations	10 days	2/15/23	3/8/23	Complete	2141127
LexEvs Unit testing	2 days	3/8/2023		In Progress	2141156
CTS2 lexevs-service vulnerability update	2 days	3/13/2023		In Progress	2141189
CTS2 unit testing	2 days				2141198
QA Lexevs / CTS2	3 days				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

[Terminology Updates and Schedule](#)

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	23.02d	02/27/2023	yes	03/13/23	03/14/23
NCIt-ChEBI	NCIt-ChEBI	Feb2023	02/27/2023	yes	03/13/23	03/14/23
NCIt-HGNC	NCIt-HGNC	Feb2023	02/27/2023	yes	03/13/23	03/14/23
SwissProt	SwissProt	Feb2023	02/27/2023	yes	03/13/23	03/14/23
ChEBI	ChEBI	v219	03/13/2023	yes	03/16/23	03/17/23
GO	GO	Mar2023	03/13/2023	yes	03/16/23	03/17/23
HGNC	HGNC	Mar2023	03/13/2023	yes	03/16/23	03/17/23

QA Schedule and Status

see [QA Scheduling and Status](#)

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)

Recent LexEVS Related Bugs and Features (within last week)

Recent CTS2 Service Related Issues (within last week)

6.5 LexEVS Related Issues

6.5 CTS2 Service Related Issues

key

summary

type

created

updated

due

assignee

reporter

priority

status

resolution

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

[View these issues in Jira](#)

