

LexEVS Meeting Minutes - 2023.10.18

Agenda

EVS Discussion

Open System Tickets

Ticket	Description	Actions, Update
NCI-SCTAS K07504 65	Security team has flagged EVS stage host(nciws-p803) for JQuery vulnerability with full details as per below.	<p>Eric asked us to remove it from lower tiers but we found no evidence of it there. It should be removed from Stage</p> <p>Jason sent email message to remove the jar from Stage.</p> <p>Appears that Systems was asking security team about location of file; sec team</p> <p>☑ Jason sent the email, and Brandon Devera (SecOps) is running a new scan today (Wed, Oct 4)</p> <p>ACTION: - wait till next week for update 11 Oct 2023</p>
NCI-INC077 9210	OUTAGE: NCIterms outage - Wed 9/27 Thu 9/28	Wait to watch status; ticket probably will be closed soon
	OUTAGE: Outage continues: Tue 10/3 evening , Wed 10/4	<p>Note: there was an attack last night, Tue Oct 3 from 4:48 pm -> 5:10 pm.</p> <p>Note: there was another outage again, morning of Wed, Oct 4, starting around 5am to around 7:45am Based on communications, it appears that morning outage may have been due to a from a Netsparker scan?</p> <p>ACTION: wait and watch?</p>
NCL-RITM0 473138	OUTAGE: Discuss DOS strategy, tactics with Systems	<p>STATUS</p> <p>Awaiting on appt time for mtg/call with System Group</p> <p>ACTION: ask systems if it possible to have a trigger to send alert? (maybe ask systems group if this is possible)</p> <p>ACTION: come up with a design for message for users on how to use/access data.</p> <p>ACTION: brainstorm and discuss, discuss ideas and thoughts by next week. Lyuba requested that everyone to brainstorm and pool ideas and write down what we learn. We should propably investigate what could be happening internally to the issue. (can ignore the error messages from netsparker scan)</p> <p>! Important insight: Jason noted that there is currently limited resources, and we need to get several people involved.</p> <p>☑ Benson, Mark (NIH/NCI) [C] to help organize necessary communication; post-mortem/incident report as well</p> <p>☑ Benson, Mark (NIH/NCI) [C] to follow-up with Systems if no meeting is scheduled by 09 Oct 2023 - on this ticket; also note</p>
NCI-RITM0 471746	Deploy lexevscts2 to Prod	Requested 9/27 - no action yet.
SYSTEMS		

EVS transition to virtual machines

Sys terms

STATUS:

As decided from last week, we will wait to switch STAGE from on prem to VM once PROD VM is ready; so we can switch both PROD and STAGE at same time .

BACKGROUND:

On Friday Sept 29th, we were asked to deploy a banner on public-facing websites if the government was shutdown. There was confusion about who was responsible for which pages - and how to do it quickly (especially if systems groups goes to bare-bones support level. While the government was not shut down, we still want the ability to handle it better in the future.

OBJECTIVE:

to be able to update public-facing pages with banners quickly and efficiently, with Consistent styling desired for all sites - in case the need ever arises again (in case of another shutdown/emergency/etc)

ACTION:

Build responsibility list for public facing pages (Jason Lucas compiled the list)

Application	URL	Developer/POC
Term Browser	https://nciterms.nci.nih.gov/	Guidehouse/Kim Ong
Metathesaurus Browser	https://ncim.nci.nih.gov/	Guidehouse/Kim Ong
Term Suggestion Application	https://ncitermform.nci.nih.gov/	Guidehouse/Kim Ong
EVS Explore	https://evsexplore.semantics.cancer.gov	WCI/Brian Carlsen
EVSRESTAPI (Swagger Page)	https://api-evsrest.nci.nih.gov/swagger-ui/index.html	WCI/Brian Carlsen
EVS website	https://evs.nci.nih.gov/	Clint Malone?
Report Exporter	https://evs.cancer.gov/report-exporter	Mayo/Andrew Moore
LexEVS CTS2 docs	https://lexevscts2docs.nci.nih.gov	Mayo/Tracy Safran
LexEVS CTS2 Landing Page	https://lexevscts2.nci.nih.gov/lexevscts2/	Mayo/Tracy Safran
EVS Semantic Integration Platform	https://sip.evs.cancer.gov/evssip/	ESI/Ye Wu

ACTION:

Benson, Mark (NIH/NCI) [C]

to schedule a mtg/ discuss a possible CSS file/ENV variable for banner message and report on 11 Oct 2023

LEXEVS UPDATES

Monthly Planning and Focus	<p>Completed Sprint - Sprint 212 (Sept 4 - Sept 29) – Burndown Report</p> <p>Current Sprint - Sprint 213 (Oct 2 - Oct 27) LINK TO Jira Sprint 213</p> <p>For the month of October 2023, the Mayo group is planning to:</p> <ul style="list-style-type: none"> • Complete Report Exporter refactoring and dependency updates <ul style="list-style-type: none"> ◦ (see EVSREPEXP-475 -> 483) • RMI Retirement - in progress <ul style="list-style-type: none"> ◦ Unfortunately, I do not have a detailed update at this time, other than there are efforts to update the test script. I believe that the the RMI is turned off on STAGE, and the test script would test other components to verify that there are no unseen side-effects. • Improvements, Refactoring Code Debt, Feature development: <ul style="list-style-type: none"> ◦ LEXEVS-5341 Update Spring to Spring 6 ◦ LEXEVSCTS2-453 Update CTS2 welcome with digital sytle requirements (header, footer, etc) • Examine feasibility of Java 17 <ul style="list-style-type: none"> ◦ BACKGROUND: a small number of LexEVS components (aka dependencies) are being phased off of java 8 (or are no longer being supported on java 8). We ideally want to use a current version of those components (dependencies). IF the current version of that component is only supported on Java 14 or later (just as an example), then we would have to migrate the ENTIRE LexEVS stack to Java 14 or later. (Note that the current Java version is Java 21 LTS, and the most popular non-LTS version is Java 14). So there is a risk that a vulnerability is found in the older version of the component/dependency and we would have to either migrate everything quickly to a new version, or not use that component (which might not be possible), or shutdown LexEVS entirely. Note that there are certain versions of Java which are "long-term support" versions - meaning that they will be supported for several years beyond non-LTS versions. LTS versions are Java 8, Java 11, Java 17, and Java 21. ◦ OBJECTIVE: find out what would it be like to upgrade from Java 8 LTS to Java 17 LTS. How hard would it be? How long might it take? ◦ LEXEVS-5361 - Investigate Java 17 • Miscellaneous bug fixes (several small bugs that have been identified over time and need to be addressed) <ul style="list-style-type: none"> ◦ EVSREPEXP-491 resolve branch-download list not being displayed on chrome browser (now FIXED) ◦ EVSREPEXP-433 Security issue: set-value vulnerability (in progress) ◦ LEXEVSCTS2-452 test_associations_subject_of call revealed hierarchy bug ◦ EVSREPEXP-478 Feedback form is not coming up ◦ LEXEVS-5252 Read an Entity by URI throwing a 302 error ◦ LEXEVSCTS2-431 Service resource does not populate Service name/version ◦ Investigate ERROR messages (both reported by Jason Lucas, and in <code>catalina.out</code>) <p>ACTIONS</p> <p><input checked="" type="checkbox"/> Benson, Mark (NIH/NCI) [C] to add JIRA ticket to debug error messages found during outage to Sprint 213</p>
Technical Debt remediation	<p>LexEVS Code Debt Refactoring</p> <ul style="list-style-type: none"> • Coding complete on lexevs services - except for isolated dependencies <ul style="list-style-type: none"> ◦ The isolated dependencies largely depend on using an updated version of Java (e.g. they are using more current Java versions. Java 21 LTS is the current version. The more popular non-LTS Java version is Java 14) ◦ Scott is investigating costs and feasibility of Java 17 (see LEXEVS-5361 above) ◦ LEXEVSCTS2-447 javax-servlet - on hold, until we update Java 17 ◦ LEXEVSCTS2-446 spring-boot - on hold, until we update Java 17 • Work on NCI Browser - ehcache beta on dev. Kim approves promotion (Scott)

Report Exporter

Vulnerable dependencies - in progress

- **Red Herring:** while Andrew was debugging, was getting "no results" for Concept codes – turns out it was service problems ?

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Entity Export

Steps to select concept codes, then their properties and export the results

Enter NCI Thesaurus concept codes

Type entity code, then click enter

C7075:Fibroblastic Neoplasm x

ClearSelect Next Option

Hide Selection Summary

Selected Concept Codes ⓘ

["C7075:Fibroblastic Neoplasm"]

Selected Properties ⓘ

[]

Selected Export Format

JSON (json) JavaScript Object Notation Format

-
- **CLARIFICATION:** Andrew clarified that the outage was with the API on DEV tier.
 - Filed ticket: NCI-INC0779039 Hosting Application Outage - Missing or Incorrect Content
 - The service was restarted, and the content (Concept Codes box) started showing data again.
- Improving unit testing is still in progress

EVSREPEXP-475- "Apply Digital Styling to Report Exporter" is now on PROD

- TADA/DEMO: <https://evs.cancer.gov/report-exporter/>

Feedback form

- Need to research approval procedure, Mark was asked to reach out to OCPL
- Andrew to supply copy of survey form from RE

ACTIONS

- ☐ [Benson, Mark \(NIH/NCI\) \[C\]](#) to report on info found out from OCPL on **11 Oct 2023**

Security

see JQuery issue under Systems

Statistics Dashboard

OBJECTIVE

Complete Migration of Statistics Dashboard from SumoLogic to DataDog by March 2024

STATUS

The queries used in the Statistics Dashboard have been shared with < someone on migration team > (as of Sept 2023).

They are working on migrating from "SumoLogic" format to DataDog format

- SumoLogic Query:
- Data Dog Query

<note: removed images of DataDog vs SumoLogic queries, as they didn't add much to the discussion anyway >

ACTIONS

- ☒ [Safran, Tracy \(NIH/NCI\) \[C\]](#) ask how migration is going 25 Oct 2023 (show # of queries, # migrated, etc)

Co mp ari son /Ma ppi ng Tool	On Hold
AW S Clo ud to be in Sep arat e Acc ount	Waiting on AWS team
Tea m Abs enc es	<p>Mayo Team - Andrew off Oct 27</p> <p>MSC -</p> <p>Leidos -</p> <p>QA -</p> <p>Gov -</p>
	EVS SERVICE AND ARCHITECTURE GROUP UPDATES
EV S Ser vice and Arc hite ctur e Gro up	Met today11 Oct 2023
	DATA UPDATES
Data	<p>Will do monthly terminology week starting 09 Oct 2023</p> <p>Then will work on META afterwards</p> <p>DECIDED: Data Deployment should continue as planned - no reason to delay.</p>
	BROWSER UPDATES
Bro wser	note outage discussion above
	QA UPDATES
QA	
	TERMINOLOGIES LIFECYCLE REPORT
	Terminology Updates and Schedule

Mark Benson TPM Update	<p>Everyone is humbly asked to complete NIH Anti-Harassment training as soon.</p> <ul style="list-style-type: none"> Unless your contracting company tells you otherwise - Please check and verify your status on the NIH HHS.gov Learning Portal to confirm completion. Lyuba and others get lists of people that haven't yet completed - and we can make her life easier if everyone has completed! Decided: You don't have to report your training status to Mark
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LexEVS Technical Debt Progress

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	23.08d	08/28/2023	yes	09/11/23	09/13/23
NCIt-ChEBI	NCIt-ChEBI	AUG2023	08/28/2023	yes	09/11/23	09/13/23
NCIt-HGNC	NCIt-HGNC	AUG2023	08/28/2023	yes	09/11/23	09/13/23
SwissProt	SwissProt	AUG2023	08/28/2023	yes	09/11/23	09/13/23
ChEBI	ChEBI	v225	09/05/23	yes	09/15/23	09/18/23
HGNC	HGNC	Sept2023	09/05/23	yes	09/15/23	09/18/23

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]	<checked in>
Solie, Chuck	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


key	summary	type	created	reporter	priority	status
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>						

Recent Report Exporter Related Bugs and Features


|

key	summary	type	created	reporter	priority	status
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>						

Recent LexEVS Related Bugs and Features

key	summary	type	created	reporter	priority	status
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>						

Recent CTS2 Service Related Issues

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>										

ASSIGNED ACTION ITEMS

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to follow-up with Systems if no meeting is scheduled by 09 Oct 2023 - on this ticket; also note	09 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.25
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to schedule a mtg/ discuss a possible CSS file/ENV variable for banner message and report on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.25
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to report on info found out from OCPL on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.25
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to schedule a mtg/ discuss a possible CSS file/ENV variable for banner message and report on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.18
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to report on info found out from OCPL on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.18
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to schedule a mtg/ discuss a possible CSS file/ENV variable for banner message and report on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.11
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to schedule a mtg/ discuss a possible CSS file/ENV variable for banner message and report on 11 Oct 2023	11 Oct 2023	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2023.10.04
<input type="checkbox"/> Temporarily block Singapore traffic			LexEVS Meeting Minutes - 2024.05.29
<input type="checkbox"/> Tracy to request shut down			LexEVS Meeting Minutes - 2024.05.29
<input type="checkbox"/> Check status of termform and Tomcat9			LexEVS Meeting Minutes - 2024.05.15
<input type="checkbox"/> Meeting scheduled Thursday for Visual VM			LexEVS Meeting Minutes - 2024.05.15
<input type="checkbox"/> Schedule followup meeting			LexEVS Meeting Minutes - 2024.04.03
<input type="checkbox"/> Tracy to check with team			LexEVS Meeting Minutes - 2024.03.27
<input type="checkbox"/> will need additional work to install Datadog / AWS integration. working with Cyrus and Systems.			LexEVS Meeting Minutes - 2024.02.21

<input type="checkbox"/> will need additional work to install Datadog / AWS integration. working with Cyrus and Systems.		LexEVS Meeting Minutes - 2024.02.14
<input type="checkbox"/> Benson, Mark (NIH/NCI) [C] to create S3 bucket - under 'EVSTOOLS'	Benson, Mark (NIH/NCI) [C]	LexEVS Meeting Minutes - 2024.02.07
<input type="checkbox"/> Short meeting to determine audience for app		LexEVS Meeting Minutes - 2024.02.07
<input type="checkbox"/> Mark to reach out by Friday if we don't hear back		LexEVS Meeting Minutes - 2024.01.31
<input type="checkbox"/> Mark to schedule meeting with editors for feedback; Mark has sent out poll for times		LexEVS Meeting Minutes - 2024.01.31
<input type="checkbox"/> Check on status of collectors on other servers than evsexplore - Tracy		LexEVS Meeting Minutes - 2024.01.31