

# 2015.12 Technical Face-To-Face Prioritization List

## Document Information

**Author:** Craig Stancl, Scott Bauer, Cory Endle  
**Email:** [Stancl.craig@mayo.edu](mailto:Stancl.craig@mayo.edu), [bauer.scott@mayo.edu](mailto:bauer.scott@mayo.edu), [endle.cory@mayo.edu](mailto:endle.cory@mayo.edu)  
**Team:** LexEVS  
**Contract:** S13-500 MOD4  
**Client:** NCI CBIIT  
 National Institutes of Health  
 US Department of Health and Human Services

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The **purpose of this document** is to document the technical face to face meeting details between the NCI and Mayo for the National Cancer Institute Center for Biomedical Informatics and Information Technology (NCI CBIIT) **LexEVS Release 6.3 and LexEVS Release 6.4** .

## 2015 December Face-to-Face Meeting Prioritization List

All issues are considered after 6.4 related development.

| 6.4 Priority (1-high 3-low) | Future Priority (1-high, 3-low) | Category     | Topic                                                                                                                               | Notes                                                                                                                                                                                                                            |
|-----------------------------|---------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | 1.5                             | Tech Catalog | Migrate to CentOS 7                                                                                                                 | 6.5<br>Required for better Docker support.                                                                                                                                                                                       |
|                             | 1                               | Tech Catalog | Migrate to Java 8                                                                                                                   | 6.5                                                                                                                                                                                                                              |
|                             | 1.5                             | Tech Catalog | Migrate to Spring 4                                                                                                                 | 6.5                                                                                                                                                                                                                              |
|                             | 2                               | Development  | Tree Performance - determine requirements and propose solution                                                                      | Linked to the triple store discussions.                                                                                                                                                                                          |
|                             | 2                               | Development  | CTS2 Functionality - Expand to fully support browser                                                                                |                                                                                                                                                                                                                                  |
| 1 (implementation)          | 1                               | Development  | CTS2 Functionality - CTRP Support - Determine specific requirements and propose solution (Partonomy, Disease Biomarker, and others) | TBD (early 2016Q2?)                                                                                                                                                                                                              |
| 1 (gather requirements)     | 2                               | Development  | LexEVS Model - OWL and RRF Mapping use cases - Determine requirements and propose solution                                          | This would include consulting with Harold Solbrig.<br><br>Considerations for backward compatibility with suggested changes.<br><br>Will contribute to the triple store discussion.<br><br>Implementation would happen after 6.4. |
| 1 (implementation)          |                                 | Development  | Multi-namespace<br><a href="#">LEXEVS-1386</a> - Getting issue details... <span>STATUS</span>                                       | Existing JIRA item.                                                                                                                                                                                                              |
|                             | 2                               | Development  | Multi-namespace - Horizontal navigation - determine requirements and propose solution                                               | May require model change.                                                                                                                                                                                                        |
|                             | 2                               | Development  | Query - Relationships - determine requirements and propose solution                                                                 |                                                                                                                                                                                                                                  |
|                             | 2                               | Development  | Inferred Data - determine requirements and propose solution                                                                         |                                                                                                                                                                                                                                  |
|                             | 2                               | Development  | Remove caCORE (API artifacts)                                                                                                       | Gilberto to verify the removal.                                                                                                                                                                                                  |
|                             | 1.5                             | Development  | Refactor Remote API                                                                                                                 | Suggested inclusion with Spring migration                                                                                                                                                                                        |
| 1 (implementation)          | 3                               | Development  | CTS2 Functionality - Ability to provide complete transitive closure (this includes path(s) to root)                                 | Will support CTRP requirement.                                                                                                                                                                                                   |

|                    |   |             |                                                                                                                                                                         |                                                                                                                         |
|--------------------|---|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|                    | 2 | Development | CTS2 Functionality - Ability to restrict to association                                                                                                                 |                                                                                                                         |
| 2 (implementation) | 3 | Development | CTS2 Functionality - Ability to provide history API functionality                                                                                                       | May be required for CTRP                                                                                                |
|                    | 3 | Development | CTS2 Functionality - Ability to group value sets together (FDA and SPL)                                                                                                 | May require changes to LexEVS and an addition to the browser.                                                           |
|                    | 3 | Development | CTS2 Functionality - Report to OMG the issue pertaining to return all results                                                                                           |                                                                                                                         |
|                    | 2 | Development | CTS2 Functionality - Ability to restrict to properties and to matching properties                                                                                       |                                                                                                                         |
|                    | 2 | Development | CTS2 - Verify the resolution of subject to and target of relationships is CTS2 compliant and provide the preferred presentation                                         |                                                                                                                         |
|                    | 3 | Support     | Documentation Updates - review and clean up "LexEVS Code Examples"                                                                                                      |                                                                                                                         |
|                    | 3 | Support     | Documentation Updates - Update CTS2 API documentation                                                                                                                   |                                                                                                                         |
|                    | 2 | Development | Presentation of Value Set and Mapping Data with Hierarchical structure - determine requirements and propose solution.                                                   |                                                                                                                         |
| 1                  |   | Development | Lucene Implementation - Document query result differences and share with group to decide on solution.                                                                   | This is part of our 6.4 implementation work.                                                                            |
|                    | 1 | Loader      | OWL2 - <a href="#">LEXEVS-586</a> - Getting issue details... STATUS                                                                                                     | Gilberto to provide requirements.                                                                                       |
|                    | 1 | Loader      | OWL2 - <a href="#">LEXEVS-1160</a> - Getting issue details... STATUS                                                                                                    | Included as part of OWL2 implementation.                                                                                |
|                    | 4 | Loader      | MedDRA - Provide comparison of MedDRA loaders to identify differences - determine requirements and propose a solution.                                                  |                                                                                                                         |
|                    | 3 | Loader      | HL7 - <a href="#">LEXEVS-1037</a> - Getting issue details... STATUS                                                                                                     |                                                                                                                         |
| 1                  |   | Loader      | MedDRA - Close<br><a href="#">LEXEVS-339</a> - Getting issue details... STATUS                                                                                          |                                                                                                                         |
| 1                  |   | Loader      | HL7 - Close <a href="#">LEXEVS-584</a> - Getting issue details... STATUS                                                                                                |                                                                                                                         |
|                    | 3 | Loader      | HL7 - Review HL7 website rendering of brach/hierarchy to determine requirements and to propose solution to support HL7 structure.                                       |                                                                                                                         |
|                    | 2 | Loader      | Load Process Automation - determine requirements and propose a solution.                                                                                                | Includes Rob and Tracy.                                                                                                 |
|                    | 1 | Admin       | Review all loader related JIRA issues and remove those that are no longer valid.                                                                                        |                                                                                                                         |
|                    | 2 | Loader      | MySQL 5.5 Table Locking issue - propose a solution.                                                                                                                     | Need to create JIRA item.                                                                                               |
|                    | 2 | Loader      | SNOMED - <a href="#">LEXEVS-234</a> - Getting issue details... STATUS                                                                                                   |                                                                                                                         |
|                    | 2 | Loader      | OWL2 - <a href="#">LEXEVS-347</a> - Getting issue details... STATUS                                                                                                     |                                                                                                                         |
|                    | 1 | Loader      | Value Set - <a href="#">LEXEVS-459</a> - Getting issue details... STATUS                                                                                                |                                                                                                                         |
| 1                  |   | Loader      | CLAML - Close -<br><a href="#">LEXEVS-535</a> - Getting issue details... STATUS                                                                                         |                                                                                                                         |
|                    | 1 | Loader      | Create an OWL2 to LexGrid Model spreadsheet (mapping).                                                                                                                  | Tracy will lead this                                                                                                    |
|                    | 2 | Development | Triple Store / SPARQL- Clarify the strengths and weaknesses in the tools (Blazegraph, Virtuoso, Stardog) to determine how to best address the browser and LexEVS needs. | This will be led by Kim and Jason. They will share their evaluation with the group to help determine the best approach. |
|                    | 2 | Development | Review of value set workflow (including resolution) to determine requirements and proposed changes.                                                                     |                                                                                                                         |
|                    | 2 | Development | Review of admin workflow to determine requirements and proposed admin script changes and additions. (to replace using lbGUI)                                            |                                                                                                                         |
|                    | 2 | Development | lbGUI - Provide viewing additional metadata in the GUI.                                                                                                                 |                                                                                                                         |

