

# 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)  
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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 <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 - <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.   |   |

