Protege 1.5 Scope Document

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Document Information

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Team: EVS Protege
Contract: Contract number
Client: NCI CBIIT
National Institutes of Heath
US Department of Health and Human Services

Sign off	Date	Role	CBIIT or Stakeholder Organization
Sherri De Coronado	6/18/2015	Government Sponsor	CBIIT
Gilberto Fragoso	6/18/2015	Government Sponsor	CBIIT
Kumar Kuntipuram	6/18/2015	Government Sponsor	Leidos Biomedical Research Inc.

The **purpose of this document** is to collect, analyze, and define high-level needs and features of the National Cancer Institute Center for Biomedical Informatics and Information Technology (NCI CBIIT) Protégé Release 1.5. This document focuses on the functionalities proposed by the product stakeholders and target users in order to make it a better product. The use-case and supplementary specifications document will detail how the framework will fulfill these needs.

Vision and Needs

The **objective of this release** of Protégé 1.5 is to harden the existing Protege 3.4 so the project can go into an operation and maintenance mode of operation whilst new development is occurring on Protégé 5. This release builds on the technology stack upgrade that's already in production and will entail one and possibly two iterations:

Iteration 1 - will include all the JIRA bug fixes enumerated below

Iteration 2 - Possible new JIRA items will be added in addition to any new bugs exposed by iteration 1.

Iteration 1 (1.5.0)

JIRA ticket	Brief description of item	(Approved or Proposed)
1441	Associations are not able to be copied in the copy tab.	Approved
1430	Add a cancel search button	Deferred
1442	Performance issues with long running queries	Approved
1432	Batch Editor commits 'NA' to filler values	Approved

1431	Administrator should have rights to edit retired concepts	Approved
1424	Can't Batch Delete Original N&S Parent	Approved
1423	Language on Definition not displayed in Edit Tab	Approved
1457	Initial Editing of Preferred Class Name is not being recognized	Approved
1454	Incorrect label on "Preretire" button	Approved
1455	Warning message spelling error when performing PreRetire	Approved
1450	Disable Worflow	Approved
1445	Batch Edit not treating FULL_SYN the same as Batch Load	Approved
1443	Report Writer fails if a bad code is in the input	Approved
1448	Empty qualifiers should not be allowed on batch edit	Approved
1447	Duplicate restrictions discarded but still write to the evs_history table	Approved
1446	It is possible to create duplicate roles	Approved
1439	Allow code to be selected and copy/pasted from the edit pane	Approved
1427	If you click on 'No results found.' an error is thrown and comes up on the console	Approved
1415	When cloning not escaping definition if invalid class name	Approved

Iteration 2 (1.5.1)

JIRA ticket	Brief description of item	(Approved or Proposed)
1470	Umlaut in a :NAME in a batch load file creates a term with a bad :NAME	Approved
1467	Right Clicking on Class Name and Sub-Class name the Create Workflow Task Menu Pops up	Approved
1468	Closing "Enter Class Identifiers" by Clicking "X" Causes Java Error	Approved
1465	Disallow save of self concept as the parent concept (superclass)	Approved
1457	Initial Editing of Preferred Class Name using the Shift Key + Letter is not being recognized.	Approved
34	Output Duplicates for Input Duplicates	Approved
1461	Copy tab functional discrepancy	Approved
1433	Have default Editor_Note and DesignNote on retiring merge partner point to the code.	Approved
1460	Ability to select "lucene match" as a default search	Approved
1471	After save the GUI focus goes to the New Project... icon	Approved
1440	Assign STY to concept in Batch Load file	Approved
1407	Sorting Feature	Approved
1436	ByCode issue - Partonomy Tree dialog shows role codes	Approved
1437	ByCode issue - Partonomy Tree tab unable to create tree in byCode vocab	Approved
1413	Change of Semantic_Type value after changing PTs	Approved

Stakeholder Summary

Customer Name	Role	Interest/Need
NCI CBIIT EVS Content Editorial Team	EVS Content Management	Primary Users of Protege. Utilize Protege to edit EVS content

CBIIT Staff /Contractor Name	Role	Responsibilities
	NCI CBIIT	Oversees NCI CBIIT Application Infrastructure
	Director of CORE Engineering	Oversees NCICB caCORE Software Engineering
	EVS Product Manager	Directs EVS Projects
Sherri de Coronado	Contract Project Officer	Management/technical resource from Bioinformatics vertica. Contract management, coordination, testing, documentation
Gilberto Fragoso	Government Lead	Technical resource from Bioinformatics vertical

Technical Environment

This product uses the following technical components which have been derived from the current NCICB Technology Stack.

Component	Description
Client Application	The Protege client is java based and provides a complete editing environment for Protege databases, call ontologies. It uses the same plugin architecture to support extensions, called Tabs. For example, the NCI Edit Tab, Workflow, Changes, and Prompt, are examples of plugin tabs. Java 1.8.x
Application Server	None
Database Server	MySQL
Operating System	Any that supports Java: Windows, Linux, OS X
Other	Portable ANSI-SQL compliant relational schemas

Product Dependencies

The runtime product has no dependencies other than the ones stated under Technical Environment.

Document History

Item	Information
Document Version:	Click the Info tab. View the Recent Changes or click the link to view the page history.
Last Modified:	Refer to the first line displayed in the document window.
Project JIRA site:	JIRA - Protege Issue Tracker
Most current version:	Unless the display includes a notice that you are viewing a previous version, you are viewing the most current version of this Scope Document for the release indicated in the title.
Revision history:	Click the Info tab. In the Recent Changes area, click the link to view the page history.

Review history:	Click the Info tab. In the Recent Changes area, note the developer who made each change and the date and time. Refer to the Key People Directory for their roles. Click the link to view any page or to view the page history, and then click the link for a page. When the page opens, view the comments and changes made in that version.
Related documents:	Name and URL of each related document

Project Information

CBIIT Management	Role	Responsibilities
	Product Manager	Oversees development of the product: features, functions, definition of stakeholders, priorities within the scope, timeframe for release
	Engineering Manager	Oversees NCICB caCORE software engineering practices, conducts design reviews, guides technical development
	Product Line Manager	Oversees NCICB caCORE product line. Responsible for overall product integration, major and minor release cycles. Supports Product Manager.