

LexBIG 2.3.0 Release Notes

Release date: 10/07/2008

General

2.3.0 final release. Please direct any questions or feedback regarding this release to the caBIG Vocabulary Knowledge Center.

- Changes were made to the izpack installer xml configuration to prevent error in some operating systems.
- Includes updated versions of administration and programmer guides.

GUI tools, Examples, and Command-line administration

Memory heap settings increased in GUI launch script for 64-bit Linux

Information Model, Load, and Export

- GForge #16728: LexBIG NCI Thesaurus loader fails while loading source concept C6724. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=16728&group_id=491&atid=1850
- Updates to prototype Protg-based generic OWL loader.

2.3.0rc3 (09/22/2008)

General

Release candidate. Full notes for the release will be provided in the final 2.3.0 packaged distribution. In the interim, please direct any questions regarding this release to informatics@mayo.edu.

API Runtime Implementation

GForge #16545: Fix to increase NCI MetaThesaurus searching performance. https://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=16545&group_id=491&atid=1850

Information Model, Load, and Export

Property name for HL7 designations has been change from "textualpresentation" to "print_name".

2.3.0rc2 (08/20/2008)

General

- Candidate for release to NCI QA tier. Code and interfaces are frozen, other than critical fixes.
- Updates to administrator guide, programmer guide, and license text for currency with 2.3 release are pending, to be completed in 2.3.0 final.

API Runtime Implementation

- GForge #15015: Fix to correctly match the special case 'conceptCode' property when mixed with other property names in a single restriction. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=15015&group_id=14&atid=134
- GForge #15071: Make copyright information accessible without requiring EVS secure login. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=15071&group_id=491&atid=1853
- BioPortal Sup: Fix to ResourceManager mapping of code system name and version identifiers in order to prevent errors disambiguating coding schemes that carry the same name but different version identifiers. http://bmir-gforge.stanford.edu/gf/project/bioportal_core/tracker/?action=TrackerItemEdit&tracker_item_id=617
- BioPortal Sup: Added resolve methods to CodedNodeSet allowing option to return results without fully resolving concept references, thereby eliminating database access.
- BioPortal Sup: Fixed hierarchy path to root convenience method to ensure the resolveConcept flag is recognized when populating concept details.
- MultiDatabase: Fixed cursor problem when running against Oracle.
- Internal refactoring of database and index code to support changes to LexGrid and LexBIG models. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=15474&group_id=491&atid=1850 (enumerates model changes)

GUI tools, Examples, and Command-line administration

- GForge #12572: Enhance ProfileScheme program & package as example. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=12572&group_id=14&atid=134
- GForge #12995: Add database information to the GUI display. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=12995&group_id=14&atid=137
- Allow options (on both GUI and administrative scripts) for loaders to accept an optional manifest file to be applied during the load. Also provide GUI option and administrative script to apply a manifest to an already loaded vocabulary. Correlates to GForge item #13193, detailed in the 'Load' section below.

- Allow options (on both GUI and administrative scripts) for loaders to accept preferences where applicable. Correlates to GForge item #12357, detailed in the 'Load' section below.
- Provide GUI options and administrative scripts to support the new HL7 RIM and prototype OWL loaders, as detailed in the 'Load' section below.

Build and Test

GForge #16155: Create manifest XML for NCI test sources based on changes to the manifest XSD schema. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=16155&group_id=14&atid=134

Provide simplified packaging and distribution of LexBIG 1st party code as a single jar file.

Enhance JUnit tests for new functions and improved coverage of previous functions (e.g. hierarchy API).

Update example and test resources (e.g. Automobiles.xml) as required to reflect model changes.

Refreshed 3rd party jar files as required for currency.

Information Model, Load, and Export

- GForge #8670 : Add support to import Standardized MedDRA Query (SMQ) attributes as association qualifiers. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=8670&group_id=14&atid=134
- GForge #8671 : Honor definition of additional complex properties, represented as embedded XML fragments, during import of NCI OWL sources. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=8671&group_id=14&atid=135
- GForge #12357: Provide externally configurable preferences for loaders accepting optional parameters, either as a program generated object or XML file capable of validation against a formal schema (XSD). http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=12357&group_id=14&atid=137
- GForge #12997: Fix to remove extraneous addition of 'is_a' as source on load of OWL sources. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=12997&group_id=14&atid=134
- GForge #13175: Fix to propertyLink creation on UMLS load to honor representational form on import of AUI text. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=13175&group_id=14&atid=134
- GForge #13193: Allow optional specification of a manifest file (xml) on all loaders (other than native LexGrid XML) to allow customization of coding scheme metadata. Manifests can be applied at time of load as part of a post-load process. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=13193&group_id=14&atid=137
- GForge #13501: New loader for direct import from HL7 RIM database. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=13501&group_id=14&atid=137
- GForge #13565: Utilize MRRANK RRF file during load of LOINC (and potentially other) UMLS sources. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=13565&group_id=14&atid=137
- GForge #13954: Fix to populate SupportedProperty mapping on UMLS load. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=13954&group_id=14&atid=134
- GForge #14252: Add ability to load and query NCI Metathesaurus history. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=14252&group_id=491&atid=1850
- GForge #14483: Fix to populate SupportedHierarchy mapping on UMLS load. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=14483&group_id=14&atid=134
- GForge #14485: Add support on load of the UMLS Semantic Network to optionally import inferred relationships, defined through inheritance. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=14485&group_id=14&atid=134
- GForge #14767: Import all synonyms on OBO load. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=14767&group_id=491&atid=1850
- BioPortal Sup: Various fixes to OBO export.
- BioPortal Sup: Fixed OBO parsing to correctly extract properties based on source and subref information.
- Deliver prototype of new generic OWL loader based on the Protege engine (provided in 2.3.0 for evaluation purposes). This loader replaces the previous 'generic' (non-NCI) OWL loader.
- Incorporate model changes as introduced for ongoing support, silver submission, and prototype OWL functionality. http://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=15474&group_id=491&atid=1850 (enumerates model changes)
- Update published manifest schema (CodingSchemeManifest.xsd) as required to remain current with model changes.

2.3.0rc1 (07/29/2008)

General

Release candidate. Full notes for the release will be provided in the final 2.3.0 packaged distribution. In the interim, please direct any questions regarding this release to informatics@mayo.edu.