CSNOtk

C-DAC's Toolkit for SNOMED CT®

C-DAC's Toolkit for SNOMED CT (CSNOtk) is a specially designed toolkit for easy access and integration of SNOMED CT in healthcare applications.

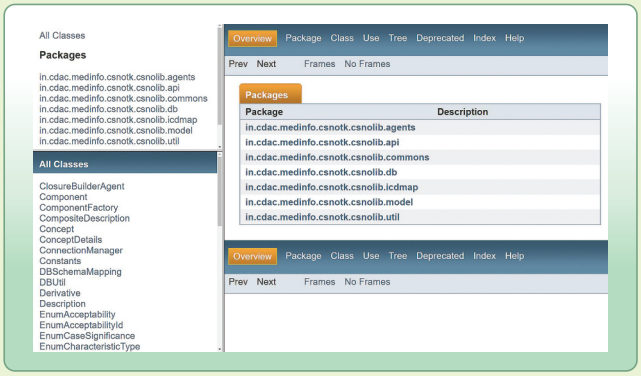
CSNOtk provides simple to use suite of tools for SNOMED CT database integration, term/ state/semantic tag based search as well as ready to use jQuery based custom control for SNOMED CT UI enablement. This toolkit enables clinicians and researchers to find out relevant SNOMED CT codes with their synonyms, fully specified names and different types of relationship between concepts.

Salient Features

- Easy to use Object Oriented API for search, suggest, lookup and explore
- SNOMED CT to ICD 10 Mapping API
- Facility for import and search from the reference sets
- Support for national extensions
- Easy to use embed jQuery based custom controls
- Apache Lucene engine based full-text search
- Ready to use SNOMED CT web service
- Automates database and Lucene index creation from the SNOMED CT release files
- Feature rich SNOMED CT browser
- Easy to setup components using installer package

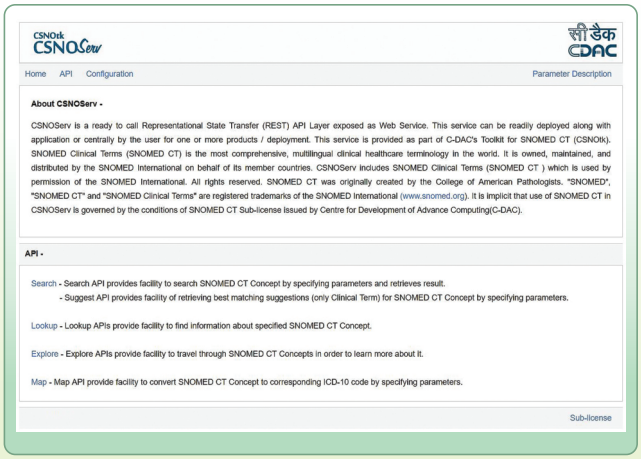
CSNOLib

CSNOLib is a Java based API library for adding SNOMED CT support in any Java based application. It creates database and index files from SNOMED CT release files. CSNOLib adheres to the Logical Model of SNOMED CT Components. It provides various functions such as term suggestions, text based searches, lookup, explore, concept relationships, SNOMED CT to ICD mapping, etc.



CSNOServ

CSNOServ is ready to call REST API Layer exposed as Web Service. It provides various functions such as term suggestions, text based searches, lookup, explore, concept relationship, SNOMED CT to ICD 10 mapping, etc. CSNOServ is deployable over web/application server.



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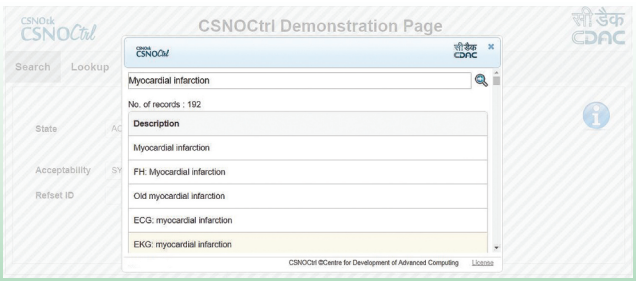
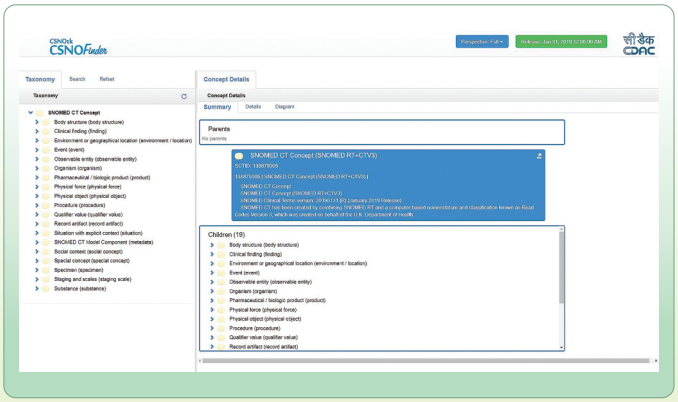
CSNOCtrl

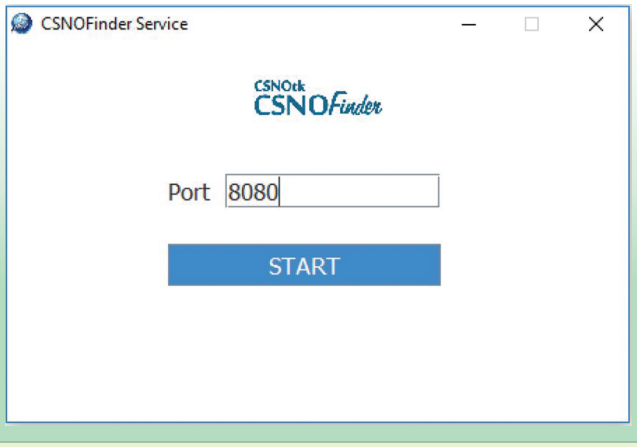
CSNOCtrl is an easy to embed JQuery based control that enables application developer to add support of SNOMED CT in JAVA/.NET/PHP based applications with minimal lines of code. It can be used with any existing textbox on web-form or new development as required. It provides SNOMED CT search facility with best matching suggestions. CSNOCtrl also facilitates easy integration of SNOMED CT to ICD 10 mapping in healthcare applications for use by Medical Records Department (MRD) for reporting.



CSNOFinder

CSNOFinder is a simplified yet extended version of IHTSDO SNOMED CT Browser which is locally deployable component integrated with CSNOServ. It provides progressive type-ahead as well as full-text and language assisted search on SNOMED CT repository with various filters. It has rich user interface with pictorial representation of relationships between concepts.





Key Benefits

- Hassle free integration of SNOMED CT repository
- Easy and rule-based mapping from SNOMED CT to ICD 10 for reporting purpose
- Simple to use and easy to embed tools
- Smart search based on Apache Lucene
- Toolkit based on platform independent technologies
- Quick development or augmentation of existing application using CSNOLib
- Toolkit is licensed for use under Apache License 2.0

The CSNOtk is available under Apache v2.0 Open Source License that makes the toolkit and source free for use for both personal/commercial environment.

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