IDRT - Integrated Data Repository Toolkit

Summary

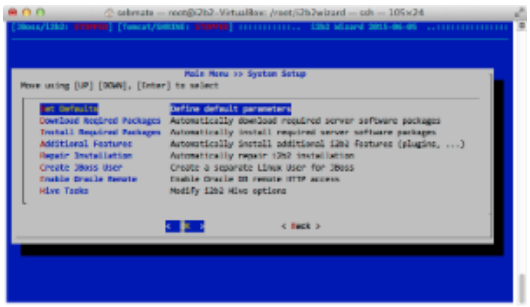
The **IDRT - Integrated Data Repository Toolkit** aims at providing a set of tools to make life with i2b2 easier. Currently, it comprises of four main components:

1. IDRT Architecture and i2b2 Best Practices

While working with i2b2 and the IDRT tool suite, a number of how-to's and recommendations has been developed, covering an overview about the **IDRT platform architecture**, the level of **modifier support in IDRT**, best practices for **performance optimization** and **ontology construction**.

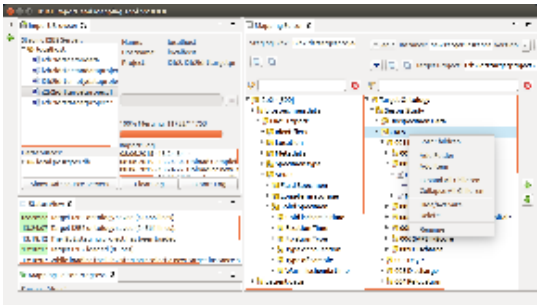
2. i2b2 Wizard

The **i2b2 Wizard** is a component for administrating an i2b2 instance: creating projects, creating users, maintaining server parameters and loading the i2b2 demodata provided by Harvard.



3. IDRT Import and Mapping Tool

The **IDRT Import and Mapping Tool** (IMT) has two missions: first, to load arbitrary source data in common formats like CSV, SQL or CDISC ODM into the i2b2 database and second, to provide a means to curate the i2b2 navigation ontology by creating, renaming and moving concepts or folders (or even mapping concepts to medical terminologies).



4. IDRT i2b2 Web Client Plugin

The **IDRT i2b2 Web Client Plugin** is an extension to the i2b2 webclient that supports the construct of i2b2 modifiers for export.

Disclaimer

The IDRT project is a collaborative effort from the Department of Medical Informatics, University Medical Center Göttingen, the Chair of Medical Informatics, Friedrich-Alexander-University of Erlangen-Nuremberg, and the Institute for Medical Informatics, Statistics and Epidemiology (IMISE), University Leipzig, Germany. It was funded by a grant form TMF – Technology, Methods, and Infrastructure for Networked Medical Research, Berlin, Germany.

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