

IDRT - Integrated Data Repository Toolkit

Summary

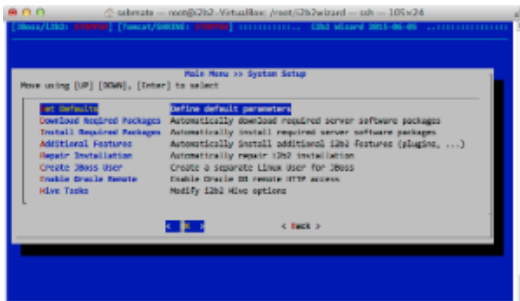
The **IDRT - Integrated Data Repository Toolkit** aims at providing a set of tools to make life with i2b2 easier. Currently, it comprises of four main components:

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**.

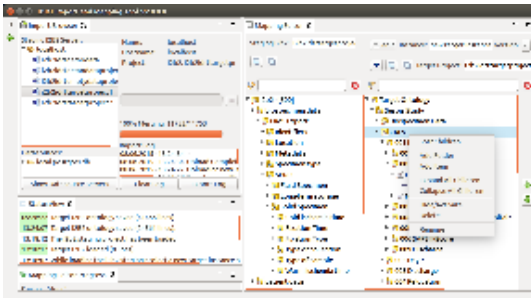
2. i2b2 Wizard

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.

Patient ID	Smoking Status	Gender	Age
15	Once per Day	male	38.000000
20	Once per Day	male	59.000000
26	Once per Day	male	29.000000
28	Once per Day	male	39.000000
31	Unknown	male	49.000000
40	Once per Day	male	49.000000
45	Once per Day	male	61.000000
50	Unknown	male	49.000000
53	Once per Day	male	33.000000
60	Unknown	male	49.000000
61	Once per Day	male	49.000000
65	Once per Day	male	42.000000
66	Unknown	male	70.000000
68	Unknown	male	59.000000
69	Unknown	male	29.000000
70	Unknown	male	39.000000
116	Once per Day	male	69.000000
117	Unknown	male	42.000000
122	Once per Day	male	47.000000
127	Unknown	male	59.000000
131	Once per Day	male	59.000000
132	Unknown	male	34.000000
140	Once per Day	male	69.000000
148	Once per Day	male	47.000000

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 from [TMF – Technology, Methods, and Infrastructure for Networked Medical Research](#), Berlin, Germany.

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