

# IDRT - Integrated Data Repository Toolkit

## Summary

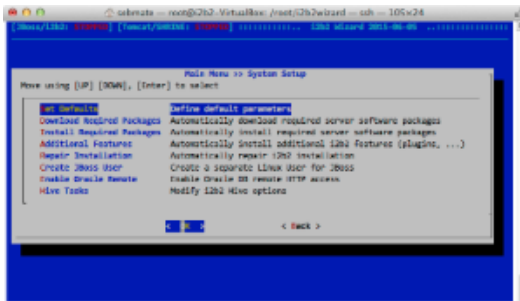
The **IDRT - Integrated Data Repository Toolkit** aims at providing a set of tools to make life with i2b2 easier. Currently, it comprises of four main components:

### 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**.

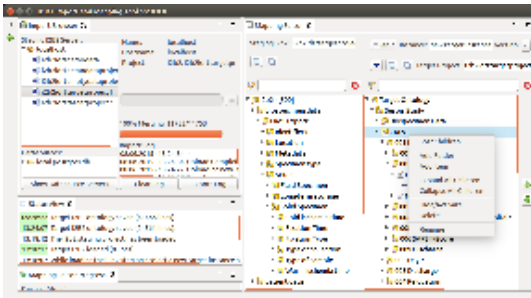
### 2. i2b2 Wizard

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   | 38.00000 |
| 20         | Once per Day   | male   | 59.00000 |
| 26         | Once per Day   | male   | 29.00000 |
| 28         | Once per Day   | male   | 39.00000 |
| 31         | Unknown        | male   | 49.00000 |
| 40         | Once per Day   | male   | 49.00000 |
| 45         | Once per Day   | male   | 61.00000 |
| 50         | Unknown        | male   | 44.00000 |
| 53         | Once per Day   | male   | 33.00000 |
| 60         | Unknown        | male   | 49.00000 |
| 61         | Once per Day   | male   | 49.00000 |
| 65         | Once per Day   | male   | 42.00000 |
| 66         | Unknown        | male   | 70.00000 |
| 68         | Unknown        | male   | 59.00000 |
| 69         | Unknown        | male   | 29.00000 |
| 90         | Unknown        | male   | 39.00000 |
| 116        | Once per Day   | male   | 66.00000 |
| 197        | Unknown        | male   | 42.00000 |
| 122        | Once per Day   | male   | 47.00000 |
| 127        | Unknown        | male   | 59.00000 |
| 131        | Once per Day   | male   | 54.00000 |
| 132        | Unknown        | male   | 34.00000 |
| 145        | Once per Day   | male   | 69.00000 |
| 148        | Once per Day   | male   | 47.00000 |

## 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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