

300. IDRT Import and Mapping Tool (IMT)

Summary

The IDRT Import and Mapping Tool (IMT) serves two purposes:

1. Importing data from various source formats into i2b2
2. Create and maintain a sophisticated i2b2 ontology for navigation and querying

The IMT is Java client application. It is expected to run locally and requires a network connection to the i2b2 database.

We describe the [general architecture](#) in detail, but you first may want to [download](#) and [install](#) the application. In case you find a bug, want to request additional features or are willing to contribute own code, please [send a request](#).

Importing datasets

The IMT provides extractors for importing data from certain **generic formats** like [character-separated files](#) (CSV), [database scripts](#) (SQL), or XML-files in [C DISC ODM](#).

Additionally, a number of **special dataset specifications** can be imported, too:

- Files for the [German DRG system](#) (§ 21 KHEntgG)
- Files from the Laboratory Information and Biobank Management System [STARLIMS](#)
- Concepts from certain [medical terminologies](#) like ICD-10 or LOINC
- Concept extractor from the German National [Metadata Repository](#) prototype (MDR)

Editing the i2b2 ontology

The IMT furthermore provides a means to rearrange the i2b2 ontology by [creating, renaming, moving and mapping source concepts](#) as well as folders with the help of a graphical user interface.

Table of Contents
305. Overview and Architecture
310. Download
320. Installation
330. Overview • 331. General • 332. Views • 333. Manage i2b2 Servers • 334. Manage i2b2 Projects
340. Import Datasets • 341. Import CDISC-ODM • 342. Import CSV • 343. Import DB Table • 344. Import §21 Files • 345. Import Standardterminologies • 346. Import from MDR • 347. Import from Biomaterial Bank
350. Edit i2b2 Ontology • 351. Overview • 352. Editing