

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.

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