

i2b2 Hive

Project
Management

Ontology
Management

Data
Repository
(CRC)




File
Repository
(CRC)

Workflow
Framework

Identity
Management





i2b2
Web Client
Application

i2b2
Workbench
Application






Key  i2b2 Core Cell  i2b2 Optional Cell Workbench/Plug-in
 Web Client CRC Plug-in

Older, unsupported add-ons are on the [Archived Optional Components](#) page.







- **Project Management**

- *Core Server Side i2b2 Cell*
- This cell is used to provide user authentication and manage group and role information. It also keeps track of what cells are part of the hive.
-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Design Document](#)
-  [Go to Download](#)






- **Ontology Management**

- *Core Server Side i2b2 Cell*
- This cell manages the terminology and knowledge information typically used in the hive. It is contacted for, or distributes knowledge to, cells during most of the hives transactions.
-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Design Document](#)
-  [Architecture Document](#)
-  [Go to Download](#)




- **Data Repository (CRC)**

- *Core Server Side i2b2 Cell*
- This cell holds the phenotypic and genotypic data of the hive in a structured format. Data queries and visualizations are available through this cell.
-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Design Document](#)
-  [Architecture Document](#)
-  [Plugin Analysis Document](#)
-  [Go to Download](#)




- **Workplace Framework**

- *Core Server Side i2b2 Cell*
- This cell is used to process information in steps through various parts of the hive. Most processed information will come to reside in the Data Repository Cell or as a display to the user.
-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Design Document](#)
-  [Architecture Document](#)
-  [Go to Download](#)




- **i2b2 Web Client**



- The i2b2 Web Client is a collection of client-side components designed as an YUI AJAX-based plug-ins that communicate with i2b2 Cells and allow the investigator to query and display the data of the hive.
-  [Install Guide](#)
-  [Project Request Guide](#)
-  [Go to Download](#)

- **i2b2 Hive**

- The Hive is a collection of software modules that create a system to allow the use of patient data for research.
-  [i2b2 Hive Introduction](#)
-  [i2b2 Message Wrapper](#)
-  [i2b2 Patient Data Object](#)





- **i2b2 Workbench**

- The i2b2 Workbench is a collection of client-side components designed as Eclipse-based java plug-ins that communicate with i2b2 Cells and allow the investigator to query, analyze, and display the data of the hive, generally in greater depth than the web client.
-  [Installation Guide](#)
-  [Tutorial Document](#)
-  [Developer's Guide](#)

-  [Go to Download](#)
-  [Go to Download Source](#)



- **File Repository**

- *Core Server Side i2b2 Cell*
- This cell holds large files of data including radiological images and genetic sequences. The files are generally referenced from the Data Repository Cell.

-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Architecture Document](#)
-  [Go to Download](#)

- **Identity Management**

- *Core Server Side i2b2 Cell*
- This cell is used to manage a patient's protected health information in a manner consistent with the HIPAA privacy rule. Patient data is available only as a HIPAA defined "Limited Data Set" to most of the hive.

-  [Installation Guide](#)
-  [Messaging Guide](#)
-  [Design Document](#)
-  [Architecture Document](#)
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