

# 410. Installation

In this section the installation process of the IDRT Additional Data Plugin will be shortly described. An already installed i2b2 is required to execute this instruction successfully. Furthermore it is most probably needed to have access to root or similar rights on the used servers.

There exist three different files that need to be installed to use the plugin:

- 1) The serverfiles **IdrtAdditionalData.aar** and **IdrtAdditionalData-EJB.jar**
- 2) The Web Client folder called **idrt**

## Serverfiles

The both items mentioned before must be placed into the i2b2 server installation, in specific

IdrtAdditionData.aar must be placed in  
**/JBOSS/deployments/i2b2.war/WEB-INF/services.**

As next IdrtAdditionalData-EJB.jar must be placed into  
**/JBOSS/deployments/i2b2.war/WEB-INF/lib.**

Instead of **/JBOSS/** the path of the currently active JBoss server has to be used, e.g.:  
**/opt/jboss-as-7/standalone/.**

After completing these steps JBoss must be restarted.

## Web Client-Files

The folder **idrt** coming with the installation files must be placed into the plugins folder of the used webclient:  
**/WEBCLIENT/js-i2b2/cells/plugins.**

Whereas **/WEBCLIENT/** is the toplevel-folder of your Web Client, e.g.:  
**/var/www/html/webclient/.**

## Plugin Loader

Next locate the file **i2b2-loader.js** in the folder **/WEBCLIENT/js-i2b2/**. It should already exist in your i2b2 Web Client. This file must be edited. The following code must be inserted after the last announced plugin (which is closed with a **}**), but before the closing of the **i2b2.hive.tempCellsList** array (which is closed with a **];**).

```
, { code: "IdrtAdditionalData2",
forceLoading: true,
forceConfigMsg: { DefaultTab: 0 },
roles: [ "DATA_LDS", "DATA_DEID", "DATA_PROT" ],
forceDir: "cells/plugins/idrt"
}
```

The following screenshot has a red marking showing between which two lines the code snippet above must be inserted.

```

GNU nano 2.2.6      File: i2b2_loader.js      Modified
//      forceConfigMsg: { params: [] },
//      forceDir: "cells/plugins/examples"
//    },
//    { code: "ExampPDO",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      forceDir: "cells/plugins/examples"
//    },
//    { code: "ExampComm",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      forceDir: "cells/plugins/examples"
//    },
//    { code: "Dem1Set",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      roles: [ "DATA_LDS", "DATA_DEID", "DATA_PROT" ],
//      forceDir: "cells/plugins/standard"
//    },
//    { code: "Dem2Set",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      roles: [ "DATA_LDS", "DATA_DEID", "DATA_PROT" ],
//      forceDir: "cells/plugins/standard"
//    },
//    { code: "Timeline",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      roles: [ "DATA_LDS", "DATA_DEID", "DATA_PROT" ],
//      forceDir: "cells/plugins/standard"
//    },
//    { code: "ProjectRequest",
//      forceLoading: true,
//      forceConfigMsg: { params: [] },
//      roles: [ "DATA_LDS", "DATA_DEID", "DATA_PROT" ],
//      forceDir: "cells/plugins/standard"
//    }
//  ];
// =====
//      ^^
//      //\
//      //|\
//      ||          Configure the loading of cells ABOVE
//      ||
//      ||

```

### Activating the Plugin

As a last step, the i2b2 Web Client admin interface must be started. There click on Manage Cells and then on Add New Cell. Paste the following values into the fields:

Cell Id	IdrtAdditionalData2
Cell Name	IdrtAdditionalData2
Cell URL	<a href="http://localhost:9090/i2b2/services/IdrtAdditionalData/">http://localhost:9090/i2b2/services/IdrtAdditionalData/</a>

Project Path	/
Method	SOAP

To finish, press save and logout. To ensure that the plugin works it is recommended to clean the cache of the browser.

The screenshot shows a web application interface. On the left is a 'PM Navigation' sidebar with a tree view containing the following items: Manage Hive, Manage Cells (expanded), Data Repository, File Repository, Identity, Management Cell, Ontology Cell, Workplace Cell, MoreData, IdrtAdditionalData2 (expanded), Params, Manage Projects, Manage Users, Manage Approvals, and Project Requests. The main content area is titled 'Cell > "IdrtAdditionalData2"' and contains the text 'Please select which cell configuration screen you want to access.' Below this text are several input fields: 'Cell Id:' with value 'IdrtAdditionalData2', 'Cell Name:' with value 'IdrtAdditionalData2', 'Cell URL:' with value 'http://localhost:9090/i2b2/services/IdrtAdditio', 'Project Path:' with value '/', and 'Method:' with a dropdown menu set to 'SOAP'. At the bottom right of the form are three buttons: 'Delete', 'Save', and 'Cancel'.