

## 6.4.3 Cell DB-Lookup

### Note

- In standard configurations, only the Data Repository, Ontology, and Workplace need db-lookup entries for each project.
- Do NOT put a leading backslash in the project path when setting up Ontology and Workplace.
- The DB-lookup can also be edited directly in the database, in the Hive's (cell)\_db\_lookup tables.

Each i2b2 cell has a DB\_LOOKUP table that defines the Wildfly XML datasource name for each project. The admin tool allows these to be edited:

- Expand Manage Cells in the Navigation Tree on the left of the page. Then select the cell to expand further, once this is done you will see DB-Lookup as an option. Clicking on DB-Lookup will display the DBLookup List page. This page will display all the values in a table format.

The screenshot shows the i2b2 Query & Analysis Tool interface. The top navigation bar includes the title "i2b2 Query & Analysis Tool", the current project "Project:", the user "User: i2b2 Admin", and links for "Install Plugins from i2b2 Gallery", "Message Log", "Help", "Change Password", and "Logout".

On the left is the "PM Navigation" tree, which includes "Manage Hive", "Manage Cells", "Data Repository", "Params", "DB-Lookup", "Demo", "Demo SQL", "Dev", "Dev SQL", "Prod", "File Repository", "Ontology Cell", "Workplace Cell", "IM Cell", "Manage Projects", "Manage Users", "Manage Approvals", and "Project Requests".

The main content area is titled "DBLookup List". It contains a message: "Click on 'DBLookup' in the navigation bar to refresh the list of DB Lookup. Please select a DB Lookup on the left to edit its properties". Below this message is a button labeled "Add New DBLookup".

Below the button is a table with the following data:

Name	DB Schema	JNDI Data Source	DB Server	Owner ID	Project Path
Demo	i2b2demodata	java:/QueryToolDemoDS	ORACLE	@	/Demo/
Demo SQL	i2b2demodata.dbo	java:/QueryToolDemoSqlDS	SQLSERVER	@	/DemoSQL/
Dev	i2b2dev	java:/QueryToolDevDS	ORACLE	@	/Dev/
Dev SQL	i2b2dev.dbo	java:/QueryToolDevSqlDS	SQLSERVER	@	/DevSQL/
Prod	i2b2production	java:/QueryToolProdDS	ORACLE	@	/Prod/

- To add a new entry into the DB\_LOOKUP table simply click on the **Add New DBLookup** button that appears above the table of existing values. The page will be updated to a form with fields to capture the information to be stored in the DB\_LOOKUP table.

**DBLookup List**

Click on "DBLookup" in the navigation bar to refresh the list of DB Lookup.  
Please select a DB Lookup on the left to edit it's properties

**Name:**

**Project Path:**

**DB Schema:**

**JNDI Data Source:**

**Tooltip:**

**Comment:**

**DB Server:**

- To edit an existing entry, click on its Name located in the Navigation Tree on the left. The page will be updated to show the values currently filed in the DB\_LOOKUP table. Make any changes and click on **Save** to save your edits.

**DBLookup List**

Click on "DBLookup" in the navigation bar to refresh the list of DB Lookup.  
Please select a DB Lookup on the left to edit it's properties

**Name:**

**Project Path:**

**DB Schema:**

**JNDI Data Source:**

**Tooltip:**

**Comment:**

**DB Server:**