i2b2
Informatics for Integrating Biology & the Bedside
A National Center for Biomedical Computing

Quick Upgrade for 1.8.1

1. Upgrade Database

i. Install Java 8 (Instructions)

ii. Open the command prompt and navigate to cell folders and run the following upgrade ant commands on your i2b2 database instance, where {db} can be Oracle, SQLServer or PostgreSQL.

In **data** folder\Release_1-7\Upgrade\ run the ant commands under each individual cell subfolder as below. Details

iii. Run the CRC Sql Procedures (ie for PostgreSQL)
Crcdata/scripts/procedures/postgresql/*.sql

iv. Run the Metadata Sql Procedures (ie for PostgreSQL)
Metadata/scripts/procedures/postgresql/*.sql

iv. (Not Common) Update HIVE_CELL_PARAMS table with cell properties parameters. Details

2. Upgrade Core i2b2 Server

i. Install Java 8 (Instructions) if needed.

ii. Shutdown wildfly

iii. Move all the files from your **wildfly-x.0.z.Final/standalone/deployments** folder to *a backup folder*. *(major version number x can be as 14, 17, update version number z can be 0 or 1)*

iv. Copy all files from **deployments** to **wildfly-x.0.z.Final/standalone/deployments**

v. Copy ***-ds.xml** files from the backup folder to **wildfly-x.0.z.Final/standalone/deployments**
Edit the following files **crc-ds.xml**, **ont-ds.xml**, **pm-ds.xml**, **work-ds.xml**
and replace ALL the **<driver>{something}.jar</driver>** with

Oracle	SQL Server	PostgreSQL
<driver>ojdbc8.jar</driver>	<driver>mssql-jdbc-12.4.2.jre8.jar</driver>	<driver>postgresql-42.7.1.jar</driver>

3. Upgrade Webclient

i. Backup the entire **webclient folder** to your ***web server directory***.

ii. **Copy new webclient**
Linux (Apache): cp –r webclient/* /var/www/html

iii. **Windows (IIS):** xcopy /E webclient C:\inetpub\wwwroot
Replace i2b2_config_data.js from your backup to your **web server directory**

5. Test i2b2

Launch a web browser and enter http://{Server Hostname}/webclient in the address field, where {Server Hostname} is the address of the i2b2 server.