Upgrade to 1.7.10

Version Information

i2b2 Version:	**1.7.10**
Release Date:	May 14, 2018
License:	i2b2 Open Source License

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Description	i2b2 Released Version	Minimum Version Required	Download Link	Requirements
Files to upgrade the i2b2 server to 1.7.10	Files to upgrade the i2b2 server to 1.7.10	1.7.09c	i2b2_upgrade_1.7.09 c_to_1.7.10.zip	See Technical Details section on the i2b2 Upgrades page.
Files to upgrade the i2b2 Database to 1.7.10	1.7.10		i2b2createdb-1710.zip	
Files to upgrade the i2b2 Web Client to 1.7.10	1.7.10		i2b2webclient-1710.zip	

Notes

- Release 1.7.10 contains changes to the i2b2 database and Web Client. Therefore in addition to the i2b2upgrade-1710.zip file you also need to download the i2b2createdb-1710.zip and i2b2webclient-1710.zip files. The process of installing the i2b2 Web Client has not changed. If you have questions on how this is done you can find additional information in Chapter 7. i2b2 Web Client Install of the i2b2 Installation Guide.

- The i2b2 Admin module no longer needs to be setup on the i2b2 server. This is due to a new feature introduced in release 1.7.10 that enables a single sign-on location for both the Web Client and Admin Module. Please see the 1.7.10 Release Notes for additional information.

- *If you are upgrading to 1.7.10 from a release prior to 1.7.09c* it is **important** you read the upgrade documentation **before upgrading your system** because earlier upgrades had changes to properties files. When a release has a change to a property file as did 1.7.09 we will make note of it and outline the steps to merge the changes into your local properties file.

Upgrade Instructions

Knowing some sites have remained on JBoss 7 while some have upgraded to WildFly 10, we have gone ahead and provided Step-by-Step Instructions for both scenarios. For the most part the overall process is very similar. What is different, is the path in which the files reside. Expand the box below to see an example of the differences between the two path names.

Example Paths to i2b2.war

JBoss 7 path

```
/opt/jboss-as-7.1.1.Final/standalone/deployments/i2b2.war/
```

WildFly 10 path

```
/opt/wildfly-10.0.0.Final/standalone/deployments/i2b2.war/
```

Step-by-Step Instructions for JBoss

1   **Stop JBoss**

Linux Example

```
$ /opt/jboss-as-7.1.1.Final/bin/jboss-
cli.sh --connect command=:shutdown
```

2   **Backup** your existing **i2b2.war directory**

Step-by-Step Instructions for WildFly

1   **Stop WildFly**

Linux Example

```
$ /opt/wildfly-10.0.0.Final/bin/jboss-
cli.sh --connect command=:shutdown
```

2   **Backup** your existing **i2b2.war directory**

Linux

Linux

On **Linux**, make a copy of */opt/jboss-as-7.1.1.Final/standalone/deployments/i2b2.war/* and save it to a different location outside of */opt/jboss-as-7.1.1.Final/*

Windows

On **Windows**, make a copy of *c:\opt\jboss-as-7.1.1.Final\standalone\deployments\i2b2.war* and save it to a different location outside of *c:\opt\jboss-as-7.1.1.Final*

3   **Delete i2b2.war.deployed** file

Linux Example

```
$ rm /opt/jboss-as-7.1.1.Final
/standalone/deployments/i2b2.war.
deployed
```

⊘ **DO NOT** delete your existing i2b2.war directory. The zip file contains only a subset of files to add/replace in your existing i2b2.war directory.

4   **Extract** / **copy** the deployment files from the upgrade zip file to your **JBoss deployments directory**

5   **Copy** the **deployments directory** into your existing **JBoss standalone directory**, replacing any existing files when prompted.

On **Linux**, make a copy of */opt/wildfly-10.0.0.Final/standalone/deployments/i2b2.war/* and save it to a different location outside of */opt/wildfly-10.0.0.Final/*

Windows

On **Windows**, make a copy of *c:\opt\wildfly-10.0.0.Final\standalone\deployments\i2b2.war* and save it to a different location outside of *c:\opt\wildfly-10.0.0.Final*

3   **Delete i2b2.war.deployed** file

Linux Example

```
$ rm /opt/wildfly-10.0.0.Final
/standalone/deployments/i2b2.war.
deployed
```

⊘ **DO NOT** delete your existing i2b2.war directory. The zip file contains only a subset of files to add/replace in your existing i2b2.war directory.

4   **Extract** / **copy** the deployment files from the upgrade zip file to your **WildFly deployments directory**

5   **Copy** the **deployments directory** into your existing **WildFly standalone directory**, replacing any existing files when prompted.

Linux Example

```
$ cp -r deployments /opt/jboss-as-
7.1.1.Final/standalone
```

Linux Example

```
$ cp -r deployments /opt/wildfly-
10.0.0.Final/standalone
```

6

Modify the **crc.properties**

6

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Update crc.properties

Open the **crc.properties-1709** f
ile and copy the contents from
it into the **crc.properties** file
located in the configuration
directory on the i2b2 server.

> ⊘ **DO NOT** replace the
> crc.properties file
> with the new crc.
> properties-1709 file
> as the new file only
> contains the new
> parameters. If you
> replace the existing
> one you will lose all
> your current
> configurations and
> all the necessary
> parameters to run
> the crc.

Update crc.properties

Open the **crc.properties-1709** f
ile and copy the contents from
it into the **crc.properties** file
located in the configuration
directory on the i2b2 server.

> ⊘ **DO NOT** replace the
> crc.properties file
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7

Backup your existing **admin directory**

7

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Linux Example

/var/www/html/admin

Linux Example

/var/www/html/admin

Windows Example

C:\inetpub\wwwroot\admin

8   **Extract** / **Copy** the **admin directory** from the update zip file to your **web server directory**

> ⊘ To **prevent** the **loss of** your current **data configuration settings** verify you can access the **i2b2_config_data.js** file in the backup copy of the admin directory you created in the previous step.

9   **Copy** your old **i2b2_config_data.js** file into the updated admin directory on your web server. Overwrite the existing file if prompted.

10   **Start JBoss**

Linux Example

```
$ /opt/jboss-as-7.1.1.Final/bin
/standalone.sh -b 0.0.0.0 &
```

11   **Verify** your upgrade

Test Web Client

Navigate to your local i2b2
Web Client in your preferred
browser and verify you are
able to log on and perform
standard i2b2 functions. (e.g.
Run queries, retrieve previous
queries, view breakdowns, etc.)

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10   **Start WildFly**

Linux Example

```
$ /opt/wildfly-10.0.0.Final/bin
/standalone.sh -b 0.0.0.0 &
```

Contents of the Zip File

i2b2 Upgrade Instructions for 1.7.05+ to 1.7.09c.pdf

admin/

    admin/...

configuration/

    configuration/crcapp/

        configuration/crcapp/crc.properties-1709

deployments/

    deployments/i2b2.war/

        deployments/i2b2.war/WEB-INF/

            deployments/i2b2.war/WEB-INF/lib/

                deployments/i2b2.war/WEB-INF/lib/CRC-core.jar

                deployments/i2b2.war/WEB-INF/lib/FR-core.jar

                deployments/i2b2.war/WEB-INF/lib/i2b2Common-core.jar

                deployments/i2b2.war/WEB-INF/lib/IM-core.jar

                 deployments/i2b2.war/WEB-INF/lib/Ontology-core.jar

                deployments/i2b2.war/WEB-INF/lib/ProjectManagement-core.jar

                deployments/i2b2.war/WEB-INF/lib/Workplace-core.jar

            deployments/i2b2.war/WEB-INF/services/

                deployments/i2b2.war/WEB-INF/services/CRC.aar

                deployments/i2b2.war/WEB-INF/services/FR.aar

                deployments/i2b2.war/WEB-INF/services/IM.aar

deployments/i2b2.war/WEB-INF/services/ProjectManagement.aar

deployments/i2b2.war/WEB-INF/services/Ontology.aar

deployments/i2b2.war/WEB-INF/services/Workplace.aar

deployments/i2b2.war.dodeploy