

SHRINE 3.1.0 Chapter 11 - Integration With i2b2 Software

To make sure that your new SHRINE instance can communicate with the i2b2 instance, there are a couple of places that we will address. First, you will need to make sure the PM, ONT, CRC cell urls are correctly defined within the **shrine.conf** file. These urls are what SHRINE uses to communicate with the i2b2 backend. In the shrine.conf template we assume you have just one i2b2 instance that performs all three roles.

- In the shrine {} section set the i2b2BaseUrl to the top-level Url for your i2b2 wildfly server. This value will be substituted as needed in shrine.conf.

```
shrine {  
  i2b2BaseUrl = "http://i2b2.example.com:9090" //The local i2b2's URL as observed from this tomcat server  
  ...  
}
```

Next, you will need to add the ACT project into the pm_project_data table within the i2b2 database:

```
$ psql -U postgres i2b2  
  
i2b2=# set search_path = public;  
  
i2b2=# insert into PM_PROJECT_DATA (project_id, project_name, project_wiki, project_path, status_cd) values  
( 'ACT', 'ACT Ontology', 'http://open.catalyst.harvard.edu/display/SHRINE', '/ACT', 'A');
```

After doing that, you will also need to add the Shrine Ontology data source (DS) to the ont-ds.xml file within the i2b2 instance. This file should be located within your i2b2 deployments directory (**/opt/wildfly/standalone/deployments**):

```
<datasource jta="false" jndi-name="java:/ShrineOntologyDS" pool-name="ShrineOntologyDS" enabled="true" use-ccm="false">  
  <connection-url>jdbc:postgresql://localhost:5432/i2b2</connection-url>  
  <driver-class>org.postgresql.Driver</driver-class>  
  <driver>postgresql-9.2-1002.jdbc4.jar</driver>  
  <security>  
    <user-name>shrine_ont</user-name>  
    <password>yourPassword</password>  
  </security>  
  
  <validation>  
    <validate-on-match>false</validate-on-match>  
    <background-validation>false</background-validation>  
  </validation>  
  
  <statement>  
    <share-prepared-statements>false</share-prepared-statements>  
  </statement>  
</datasource>
```

Finally restart wildfly and tomcat.