**Changing Default Repository Database**

In this article you will learn about how to change the default repository database from Derby to any other RDBMS of your choice (PostgreSQL)

When Helical Insight application is installed on the end client server or any other system then by default repository database is set to Derby. Derby is a light weight DB wherein the user role information as well as cache etc information is stored. Here, you have the flexibility to change from Derby to other more enterprise DB for better performance.

Let us understand where and how to set default repository database :

Let us say you want to migrate from Derby to Postgresql

Step 1: Install postgres server separately. Create a db by the name of hiee in this database.

Step 2: Then open application-context.xml file. This file is present on the below path “…\hi\apache-tomcat-7\webapps\hi-ee\WEB-INF\classes”

Comment line no 8 to 14 and add below bean after that code.

(change as per postgres jdbc url,username and password)

<bean id="dataSource" class="com.zaxxer.hikari.HikariDataSource" destroy-method="close">

<property name="username" value="postgres"/>

<property name="password" value="helical"/>

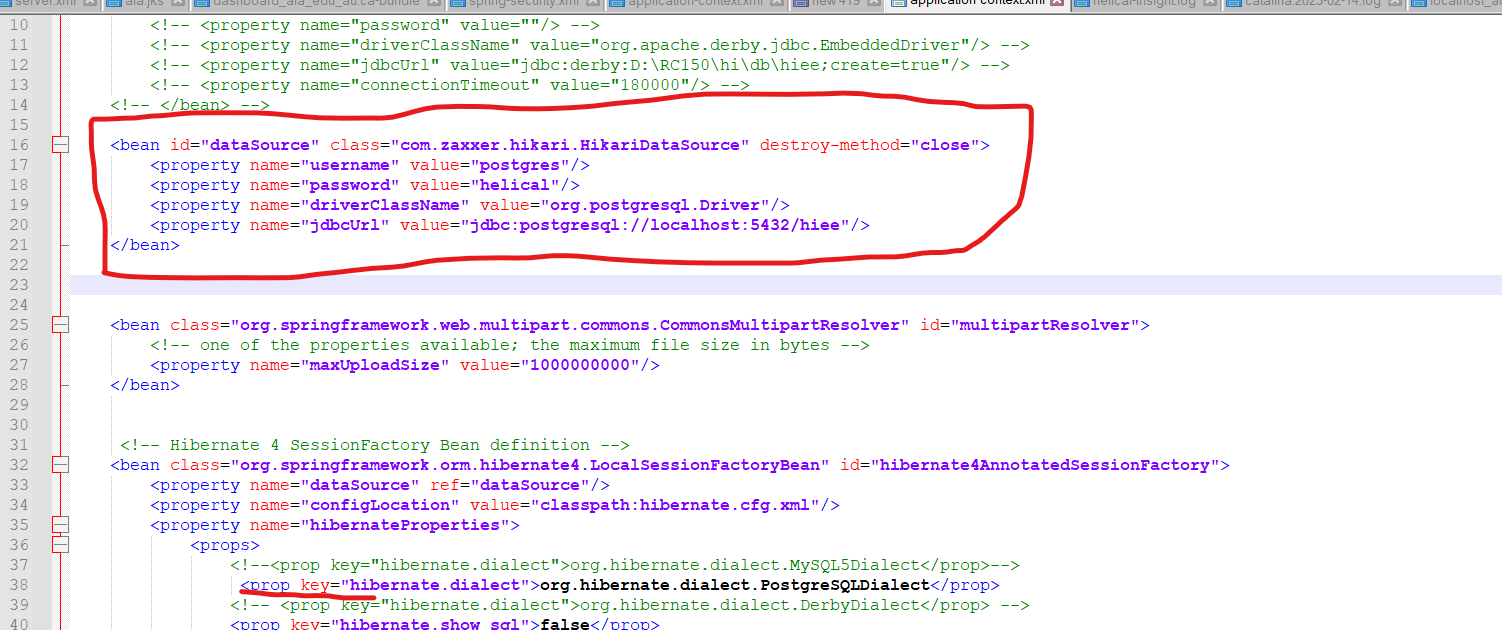
<property name="driverClassName" value="org.postgresql.Driver"/>

<property name="jdbcUrl" value="jdbc:postgresql://localhost:5432/hiee"/>

</bean>

also make change in the below (line no 38)

<prop key="hibernate.dialect">org.hibernate.dialect.PostgreSQLDialect</prop>



**Step 3:** To whichever DB you are migrating please make sure that you are also storing that specific DB JDBC driver in the LIB folder as well. Path of LIB folder is “…\hi\apache-tomcat-7\webapps\hi-ee\WEB-INF\lib”

Once the above changes are done restart the server. Then automatically the user role information will get created inside the other DB