Install DB-Configurator using SAG-installer.

After installation many new folders are visible under folder ~\common\db : bin, conf, lib, logs

Execute dbconfigurator: double click on file **dbConfiguratorUI** under ~\common\db\bin.

MySql

Create DataBase(Is\_DB) in MySql.

Copy the connector jar into ~\Is\_install\common\lib\ext

set the classpath in setenv file - \common\db\bin

set CLASSPATH=%CLASSPATH%;%DCI\_HOME%\..\lib\ext\mysql-connector-java.jar

Launch dbconfigurator UI by clicking **dbConfiguratorUI**

Now select the component -> (isinternal)

Give the url as : jdbc:mysql://<server>:<3306|port>/databaseName

jdbc:mysql://localhost:3306/IS\_DB

IS\_DB must be created under MySql.

Give the new user id/password – This is not existing currently, will be created.

Check Create Database and Database User

Under Administrator :

Adminid – this is “root”

Password - password of root user

Database – this is existing DB in mysql, and part of above connection URL

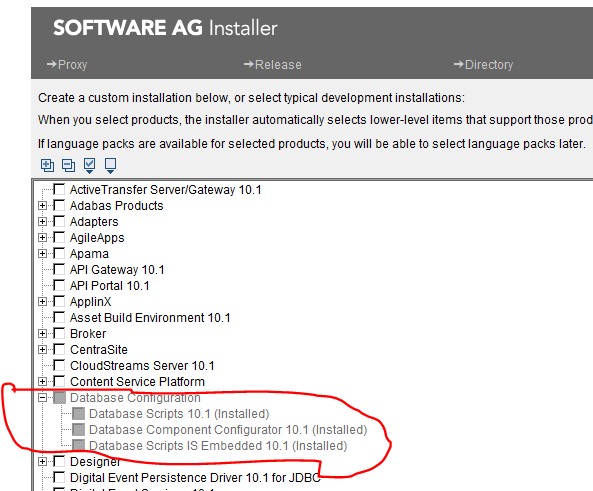
If you get Database Connection error: Access denied for user 'root'@'localhost' (using password: YES)

Use database db\_name;

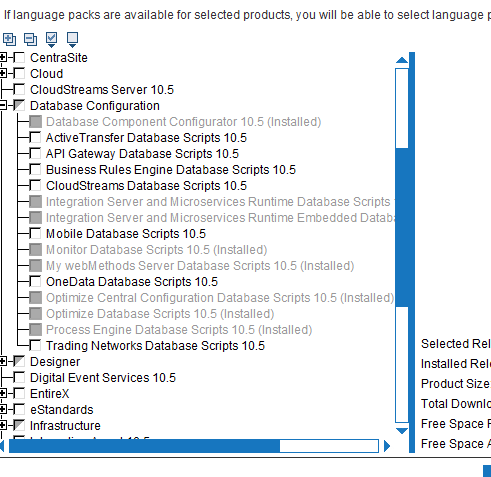
GRANT ALL PRIVILEGES ON \* . \* TO 'root'@'localhost'

DB-Configurator does not come by-default.

Using sag-installer you need to install it on top of is installation.

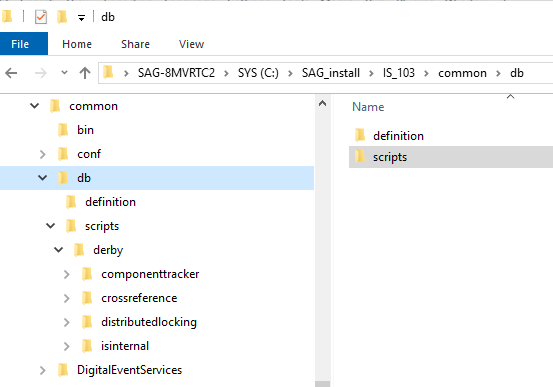


New Screen: 10.5 onwards

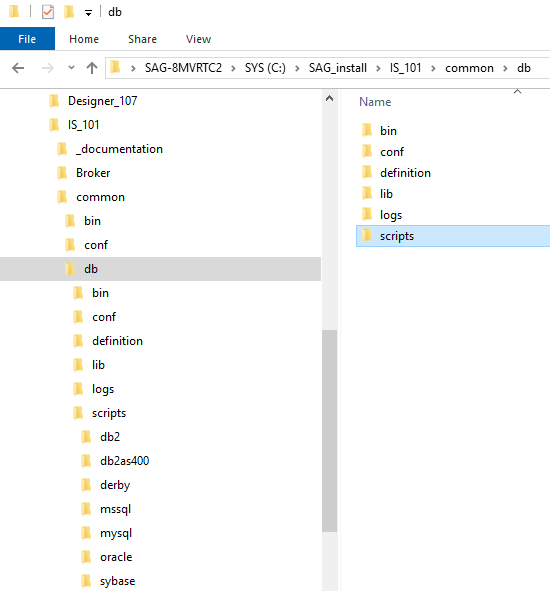


This will bring below folder structure :

Before installation :



After Installation:



You can see newly added folders : bin, conf, lib, logs etc and various subfolders under script for each db.

To run dbconfigurator double click on : file **dbConfiguratorUI** under ~\common\db\bin.

Why dbconfigurator??

For creating internal IS-tables on fly. Like isinternal or iscoreAudit.

Using DbConfigurator for MySql (Community version):

Create DataBase(Is\_DB) in MySql.

Copy the connector jar into ~\Is\_install\common\lib\ext

set the classpath in setenv file - \common\db\bin

set CLASSPATH=%CLASSPATH%;%DCI\_HOME%\..\lib\ext\mysql-connector-java.jar

 If above is not set properly you will get below error:

Database Connection error: [SoftwareAG][MySQL JDBC Driver]Connections to MySQL Community Server are not supported. Please contact MySQL to obtain a MySQL Enterprise or Commercial version.

Launch dbconfigurator UI by clicking **dbConfiguratorUI**

Now select the component -> (isinternal)

Give the url as : jdbc:mysql://<server>:<3306|port>/databaseName

jdbc:mysql://localhost:3306/IS\_DB

IS\_DB must be created under MySql.

Give the new user id/password – This is not existing currently, will be created.

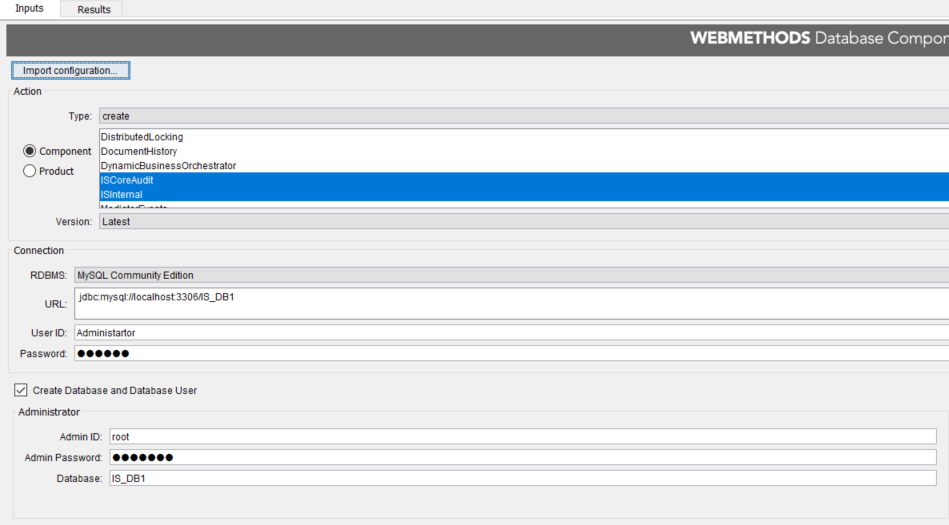
Check Create Database and Database User

Under Administrator :

Adminid – this is “root”

Password - password of root user

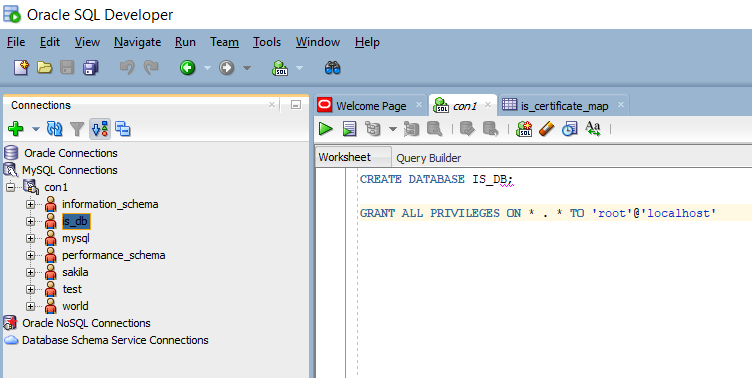
Database – this is existing DB in mysql, and part of above connection URL



Database Connection error: Access denied for user 'root'@'localhost' (using password: YES)

Run below command in SQL developer for mySQL connection.

GRANT ALL PRIVILEGES ON \* . \* TO 'root'@'localhost'



DCC:

For some part of issue database table is changed. Say one column is added to the table in 10.3.

Then add a new fix to the 10.3 in incremental basis.

Say latest available fix is 10.3-10.3.fix1

Then create a new folder - 10.3.fix1-10.3.fix2

Then change the script whereable(database) it is applicable. i.e. oracle, db2 mysql… folders.

If there is no change for particular database keep it empty, by creating a empty.sql and keeping this file empty. This is done to accommodate any change happens in next fix. If there is no file then the linear chaining will be broken. This linear chaining is mention in particular config.json file.

Updating config.json is optional for external db-scripts but mandatory for embedded-db-scripts.

embedded-db-scripts

This contains mainly deby scripts.

10.11 onwards for derby-scripts and external db scripts locations are separated.

Location for derby-scripts - \esb\resources\embedded-db-scripts is for derby scripts

Location for db-scripts - esb\resources\db-scripts

Steps –

Create a new folder

Update/add the script

Forward port the changes

A screenshot of a computer

Description automatically generated