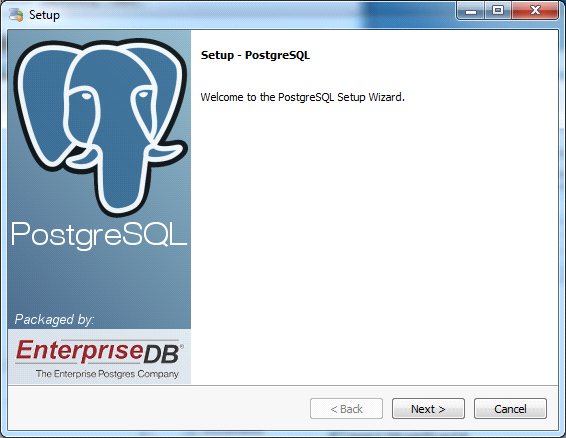
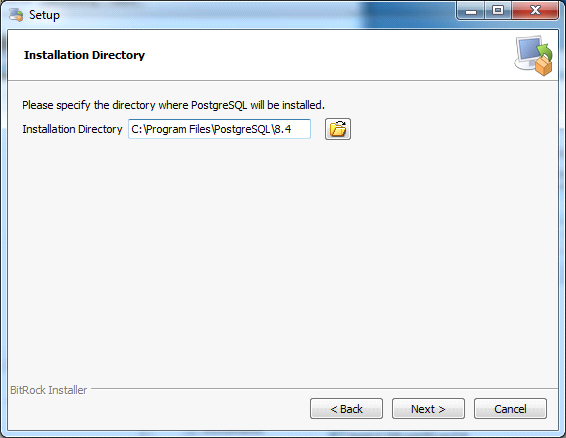
**PostgreSQL installation (8.4.4-1)**

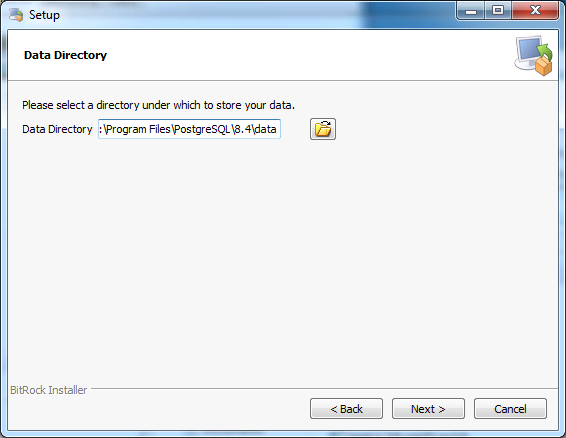
Install Postgresql-8.4.4-1-windows.



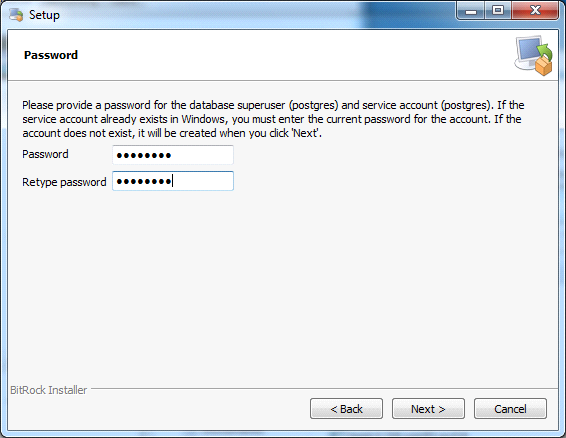
Click Next



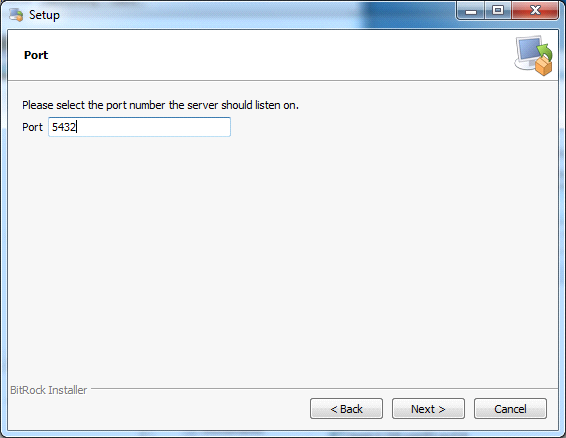
Leave the proposed path as is, click Next



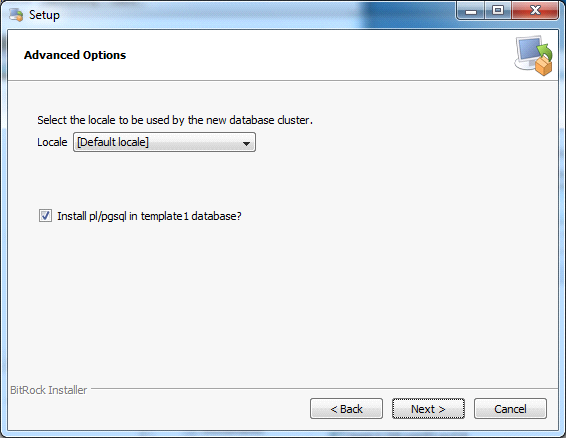
Leave the proposed data directory as is, click Next



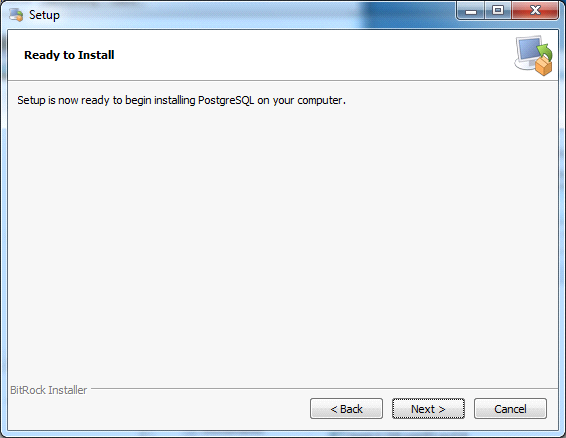
For the postgres superuser account fill in as password ‘postgres’ and click Next



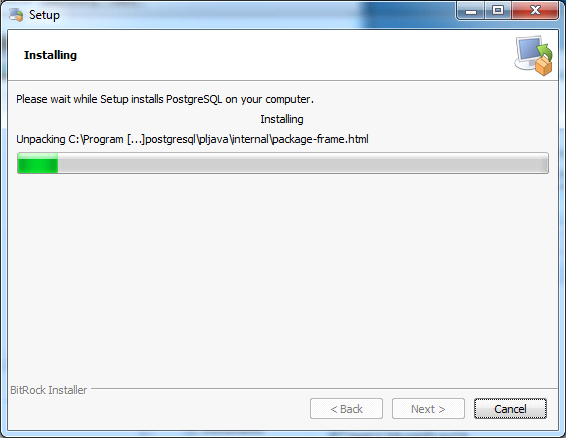
Leave the default port on 5432 and click Next



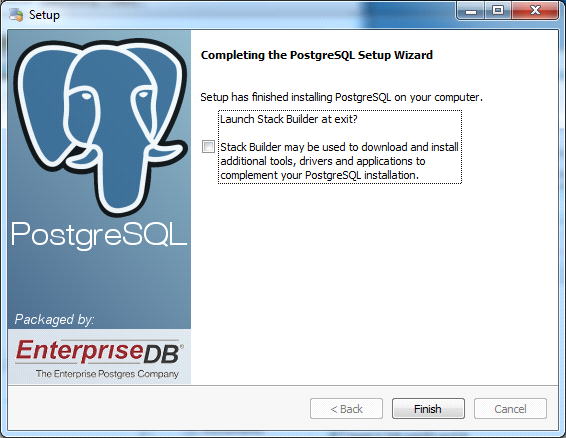
Click Next



Click Next



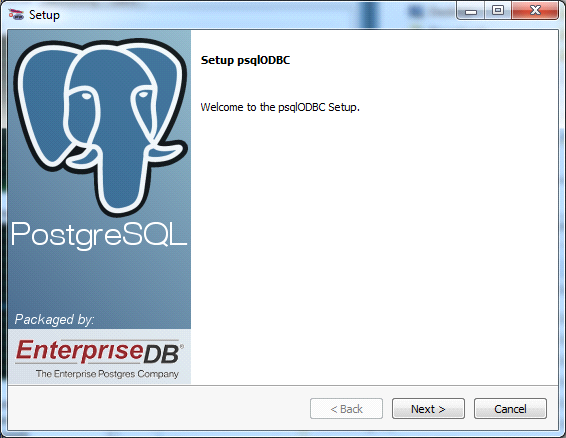
When the installation is finished we see



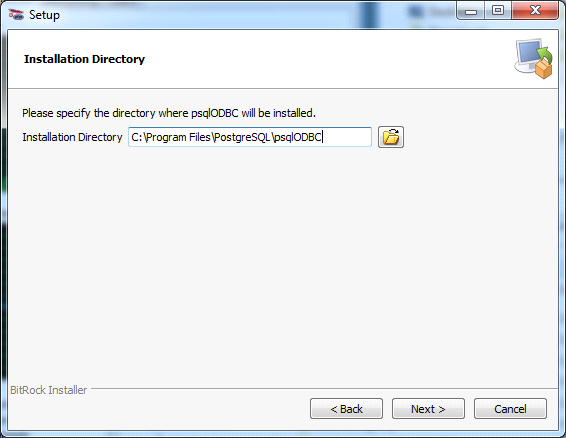
Deselect ‘Launch Stack Builder at exit?’ and click Finish

**Postgresql ODBC driver**

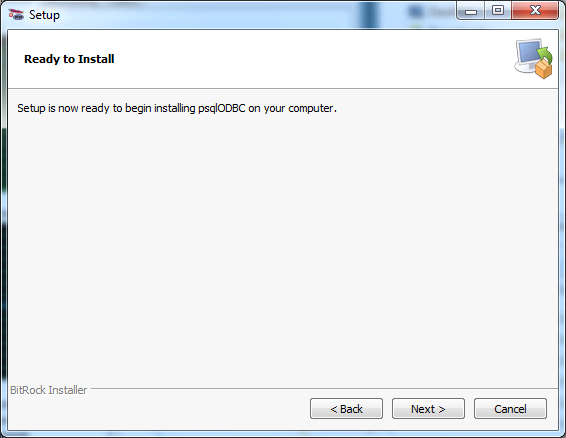
Install ebd\_psqlodbc



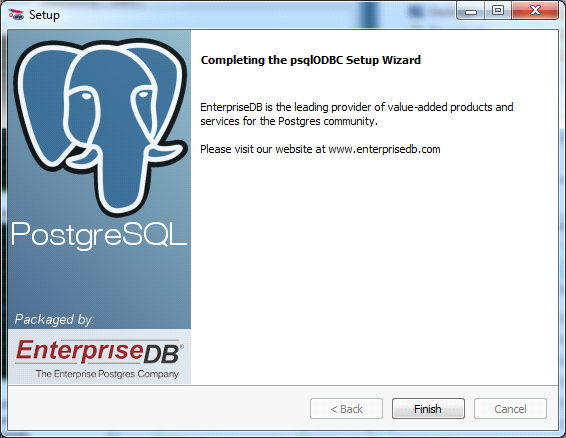
Click Next



Leave the proposed path as is and click Next



Click Next, when the installation is finished we see



Click Finish

# Postgresql configuration

Go to the directory C:\Program Files\PostgreSQL\8.4\data

Edit the file pg\_hba.conf and the end you’ll see

# TYPE DATABASE USER CIDR-ADDRESS METHOD

# IPv4 local connections:

host all all 127.0.0.1/32 md5

# IPv6 local connections:

host all all ::1/128 md5

Change both ‘md5’ to ‘trust’ as below

# TYPE DATABASE USER CIDR-ADDRESS METHOD

# IPv4 local connections:

host all all 127.0.0.1/32 trust

# IPv6 local connections:

host all all ::1/128 trust

Do not forget to save the file

Edit the file postgresql.conf

Remove the hash ‘#’ on the line that contains

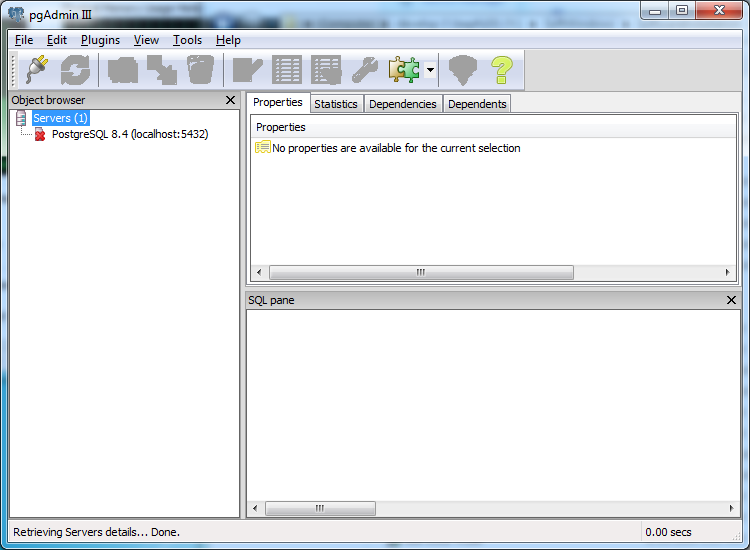
#track\_counts = on

Remove the hash ‘#’ on the line that contains

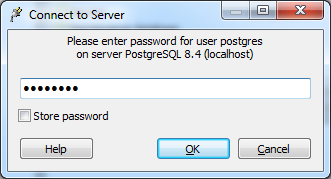
#autovacuum = on

Save the file. This change makes sure the dabase is automatically vacuumed.

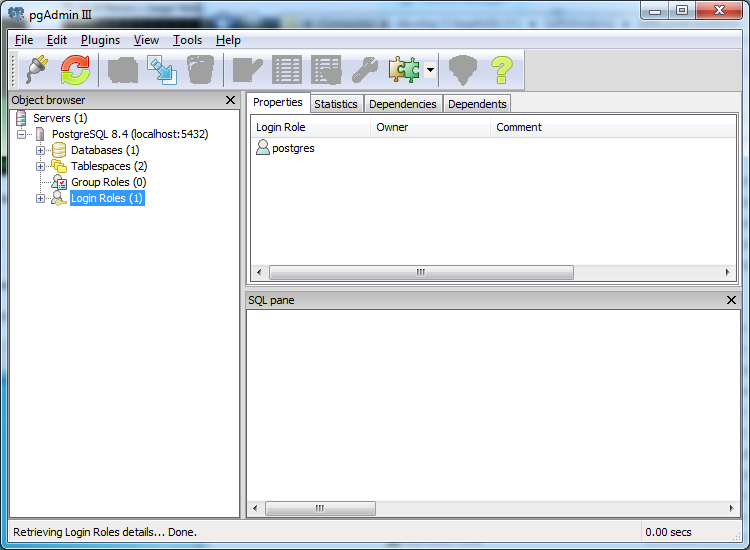
Under programs/PosgreSQL 8.4 start pgAdminIII.



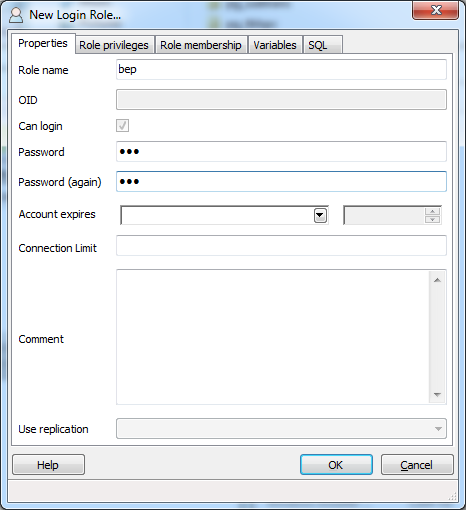
Double click on ‘PostgreSQL 8.4 (localhost:5432), the following window will appear



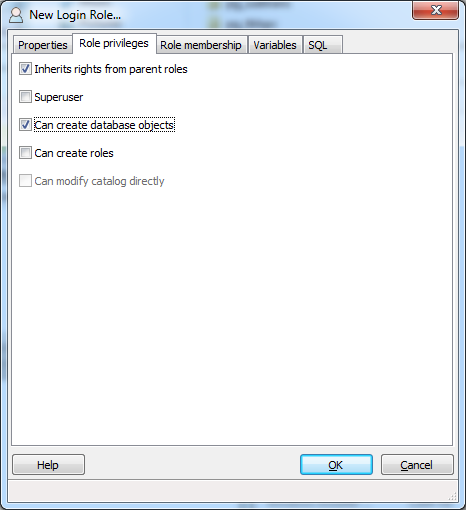
Fill in the password ‘postgres’ and click OK



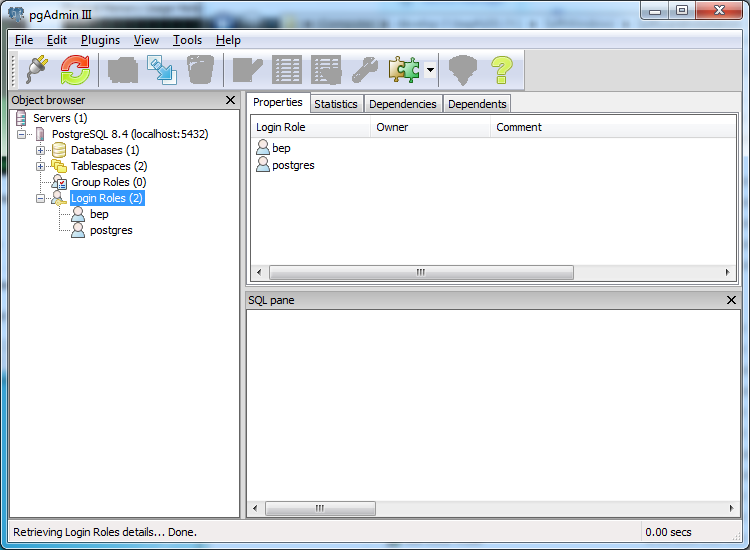
Right click on ‘Login Roles’ and select New Login role…



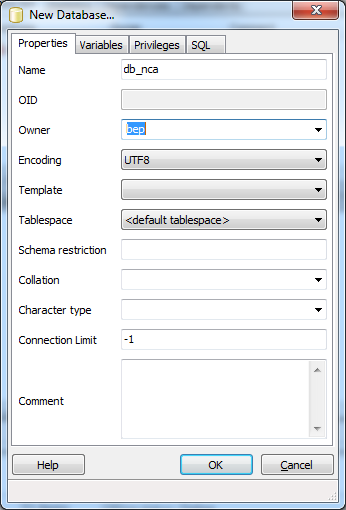
Fill in ‘bep’ as Role name, take as password ‘bep’. Click on the tab ‘Role privileges’



Select ‘Can create database objects’, then click on OK



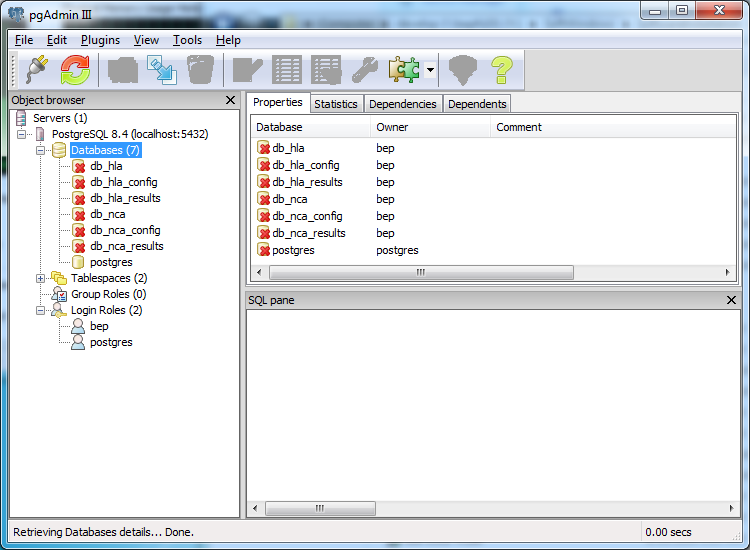
If you open the login roles (click on +) you should see the newly added database user bep. Now right click on databases and select New database…



Fill in the name e.g. ‘db\_nca’ and select ‘bep’ as the Owner. The encoding should be selected as UTF8. Click on OK. Repeat this step for adding all other necessary databases. At the end we can have the following databases

* db\_nca
* db\_nca\_config
* db\_nca\_results
* db\_hla
* db\_hla\_config
* db\_hla\_results

At the end you can verify if you have created all databases correctly (click on + next to Databases). Also verify that the owner of all the databases (except for postgres database) is ‘bep’



# Restoring the databases

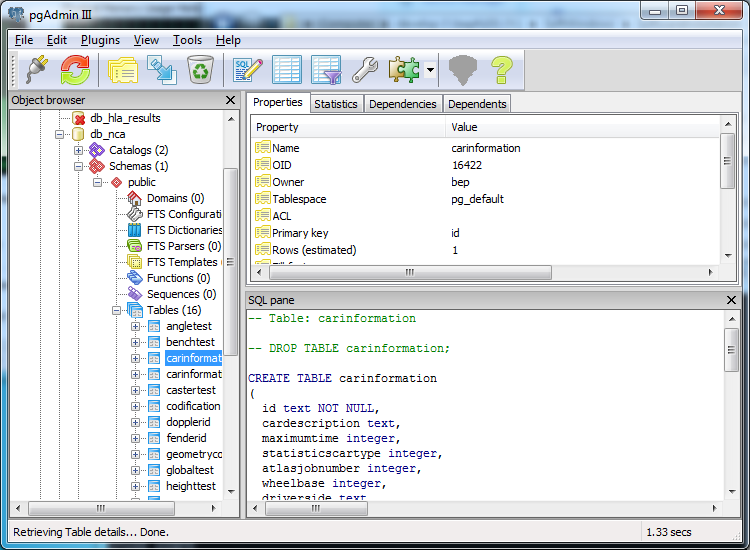
Open a cmd prompt, go to the directory where the database dump files are located. For each dump execute the following command

psql –f <dumpfile\_name> <db\_name>

Where dumpfile\_name if the file name of the ‘database dump’ and db\_name corresponds with one of the defined databases in the section ‘postgresql configuration’.

After a restore you can verify that all the tables defined in the database also have the correct owner ‘bep’. Verify this by clicking on a specific table and check the owner in the right pane

You can find example database dumps under dbdumpexamples directory.



# Making a manual dump of a database

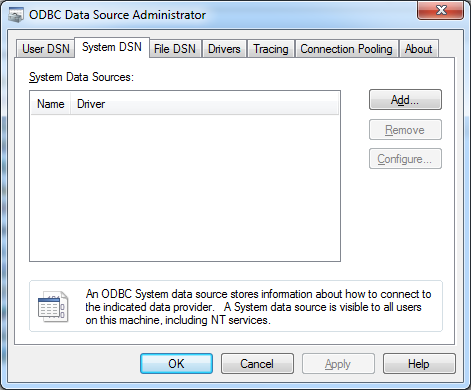
Open a cmd prompt. Issue the following command in a directory where you have write access

pg\_dump –O –x <db\_name> > <dumpfile\_name>

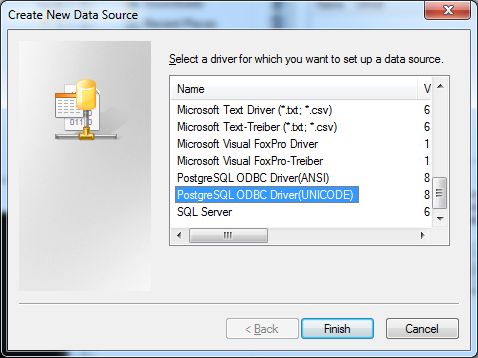
The dumpfile will be created in the directory where you executed the command

# Defining the ODBC connections

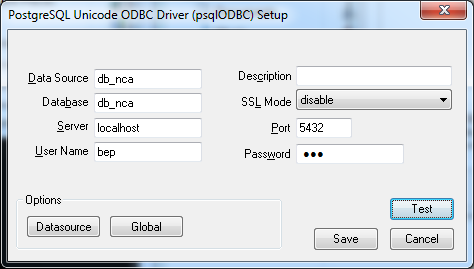
Open ODBC Data sources (ControlPanel/System/Administrative tools). Select tab ‘System DSN’



Click on the Add button



Select the driver PostgreSQL ODBC Driver (UNICODE) and click on Finish.



Fill in the data as follows

* Data source (name of the ODBC connection) : ‘db\_nca’
* Database (name of the PostgreSQL dabase) : ‘db\_nca’
* Server : ‘localhost’
* User Name : ‘bep’
* Password : ‘bep’

Click on the Test button to check that the connection works. If It’s ok click on the Save button. Repeat those steps for all the created databases (db\_nca, db\_nca\_config, db\_nca\_results, db\_hla, db\_hla\_config, db\_hla\_results). When a connection is saved it will appear in the list of System DSN ODBC conections.

