SDD - SQL DATABASE DEVELOPER

Quick Configuration

SW INFOR

SDD – SQL Database Developer - Quick Configuration

This document presents a sequence for creating the necessary records to have a database ready to use after installation. The meaning of the fields present in the pages is described in the SDD document.

This sequence assumes the the SDD application is started using the line:

```
java -Dspring.config.location=<setup folder>\sdd.properties
     -Denvironment=DEVELOPMENT -jar SDD.war
```

where **<setup folder>** is the folder that contains the sdd.properties copied from GitHub and adapted to meet the current environment.
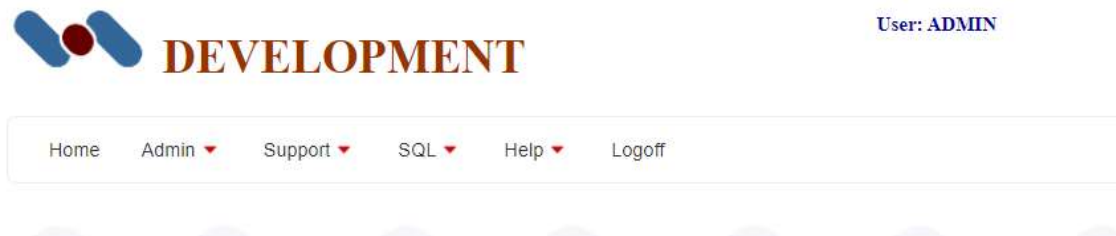
The first page sent is the login page. In this case, the only user that can be used is the **ADMIN**, and the password is **admin**, inserted as part of the installation.

The environment is displayed on this page and this environment must be defined after the login.
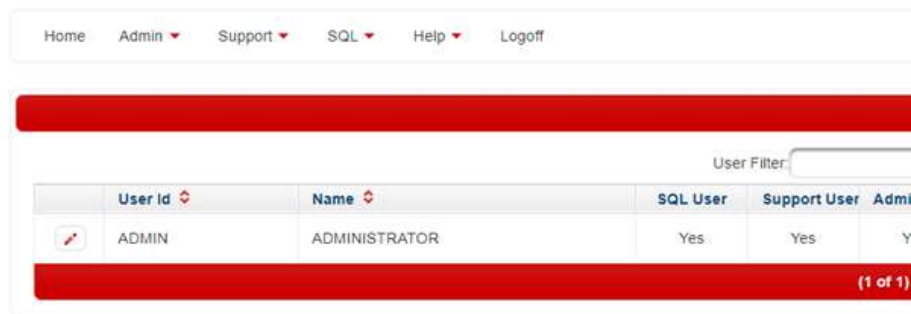

If the username and password are informed correctly, the menu page is displayed. The corresponding environment is displayed in the upper left corner of the page and the current user is displayed in the upper right corner.

The only information present in the database is the record related to the user ADMIN. Selecting the menu **Admin** and the option **Users**, the **Users** query page is displayed with only one record.
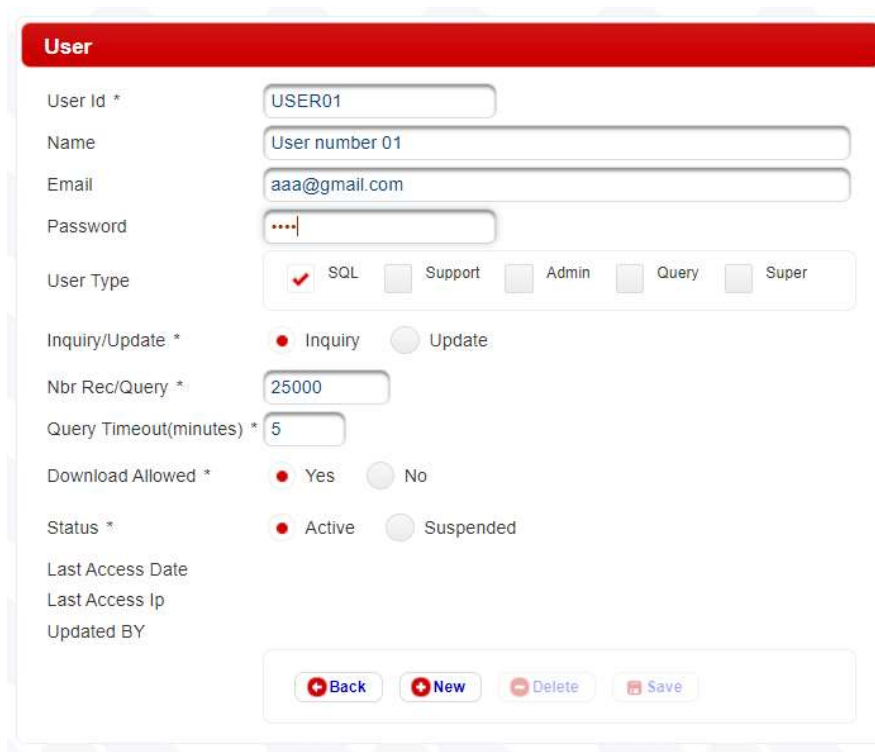
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To see the user details, click on the first button in the row and the user page is displayed.

Selecting the menu **Admin**, the first information must be created, the **DEVELOPMENT** environment. Select **Environments** and an empty environments query page is displayed.

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Environments				
			🔃 Refresh	⊕ Add New Environment
Environment	Description	Daemon Status	Background Timeout	Block SQL
No records found.				
		(1 of 1)	⏮ ◀◀	▶▶ ⏭

By pressing the button **Add New Environment** the environment page is sent. Enter the desired information and press **New**. The environment record is created.

Environment

Environment Name *	Development
Description *	DEVELOPMENT
Deamon Status *	● Active ○ Suspended
Background Query Timeout(min) *	30
Suspend Pending Queries *	○ Yes ● No
Block Background Queries *	○ Yes ● No
Download Allowed *	● Yes ○ No
Status *	● Active ○ Suspended
Updated Date	
Updated BY	

⊕ Back   ⊕ New   ⊖ Delete   💾 Save

The name of the environment must be the same as the text used in the SWENV variable.

DEVELOPMENT

Home   Admin ▾   Support ▾   SQL ▾   Help ▾   Logoff

The next step is to create a hostname. In the **Admin** menu, select **Hostnames**. The hostnames query page is displayed and is empty.

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	Hostnames				

Refresh   Add New Hostname

Host Name ⇕	Server Name ⇕	Status ⇕	Last Update ⇕	Updated By ⇕
No records found.				

(1 of 1)

By pressing the **Add New Hostname** button, the hostname page is sent. The **Host Name** can be the network name or an alias. The **Server Name** must be the name that the server is known to over the network.

Hostname

Host Name	DEV
Server Name	10.5.12.102
Limit of Concurrent Users	10
Number of Background Queries	1
Max. Number of Records Returned	10000
Connection Timeout	300
Directory for Background Results	D:\projects\files
Retention for Background Query files	7
Background Run During the Day	● Yes ○ No
Download Allowed *	● Yes ○ No
Status *	● Active ○ Suspended
Updated Date	
Updated BY	

Back   New   Delete   Save

The next step is related to the database to be accessed. The configuration is made by selecting the menu **Admin** and the **Databases** option. The databases query page is displayed.

	Databases			

Hostname: [   ]   Database: [   ]   Search   Add New Database

Database Name ⇕	Host Name ⇕	DB Type ⇕	Status ⇕	Last Update
No records found.				
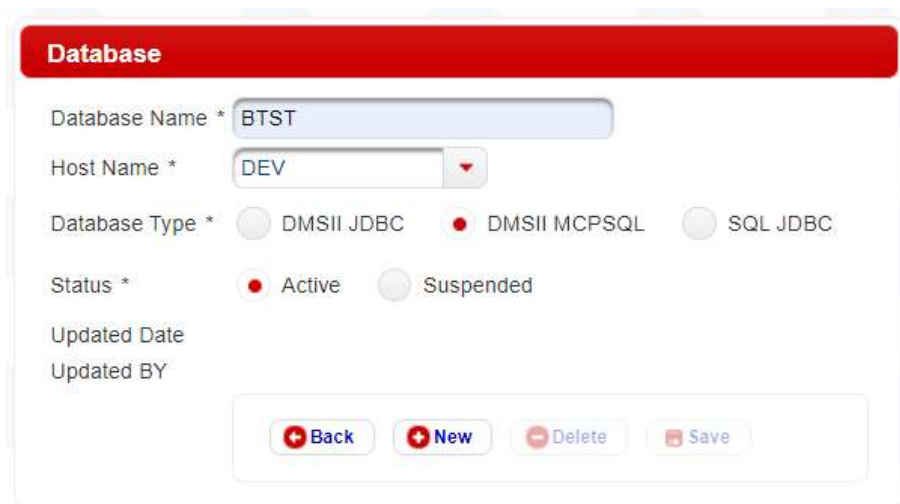
(1 of 1)

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By pressing the Add New Database, the database page is shown. To define a database, it is necessary to define the **Database Name** and the **Host Name**.

If the database type is **DMSII MCPSQL**, the database name must have the same name defined in the **MCPSQL/CONFIG** file. The file **mcpsql.properties** must be present in the **SWDIR_SETUP** folder. GitHub has a sample of this file (**mcpsql.properties**).

If the database type is DMSII JDBC, the database name must have the name used in the configuration file stored in the folder pointed by the **SWDIR_SETUP** environment variable. If the database name is **DBTST**, the file **DBTST.properties** must be present in the **SWDIR_SETUP** folder. GitHub has a sample of this file named DMSII_JDBC.properties.

Roles are used to creating a profile and all users who are assigned to that role will have the privilege to access all databases included in the role.

Selecting the **Admin** menu and the **Roles** option, the roles query page is displayed.
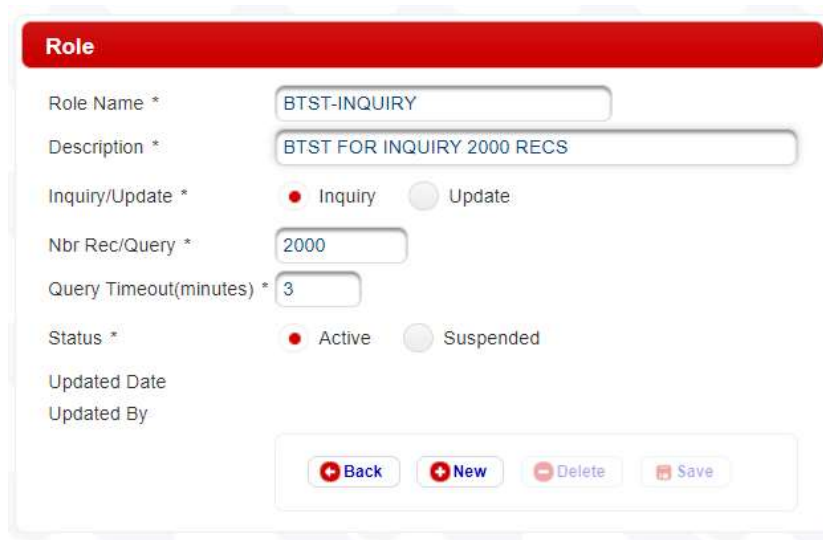

By pressing the **Add New Role** button, the role page is displayed. Enter the desired values in the fields and press **New**.

Role

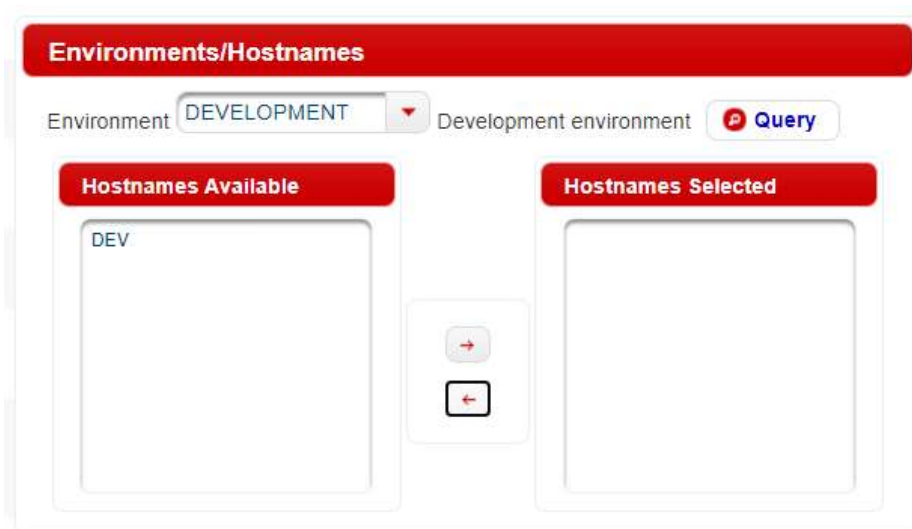|	
Role Name *	BTST-INQUIRY
Description *	BTST FOR INQUIRY 2000 RECS
Inquiry/Update *	● Inquiry ○ Update
Nbr Rec/Query *	2000
Query Timeout(minutes) *	3
Status *	● Active ○ Suspended
Updated Date	
Updated By	

Back New Delete Save

After finishing the first part, the relations must be defined. First, let's defined which mainframes are part of the environment. Select the option Environment/Hostnames in the Admin menu and the page will be displayed. The combo box has a list of all environments and selects the DEVELOPMENT environment from the list.

Environments/Hostnames

Environment DEVELOPMENT ▼ Development environment ⊘ Query

Hostnames Available	Hostnames Selected
DEV	

→
←

The mainframe **DEV** is the only mainframe defined. To include this mainframe, press over the hostname **DEV** on the left list and press the button to move it to the right.

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The next relation is Databases/Roles. Select the corresponding option in the **Admin** menu

Select the database using the combo box and the roles available will be listed on the left side.

Press over the role name and click the button to move it to the right list.

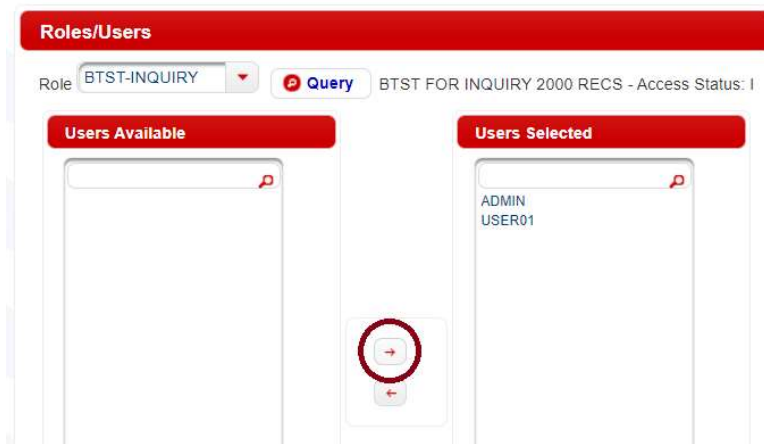# SDD – SQL Database Developer - Quick Configuration
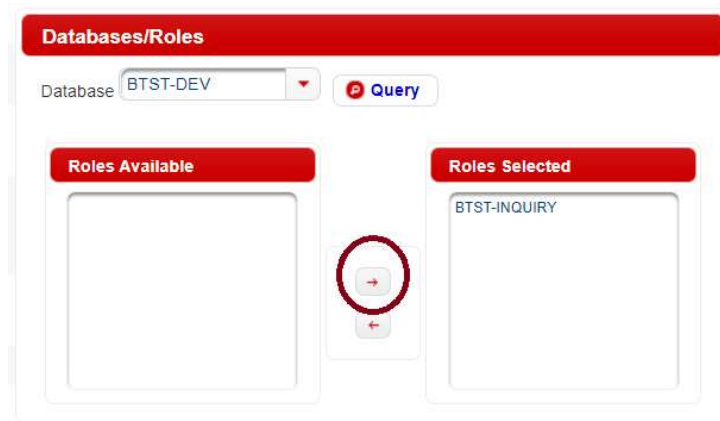
The next step is to create permission for the user **ADMIN**. Currently, **ADMIN** is an admin user but does not have access to any databases. Select the option **Roles/Users** in the **Admin** menu and the corresponding page will be displayed.

The combo box has all roles available. Select the role BTST-INQUIRY and the available users are displayed in the left list.
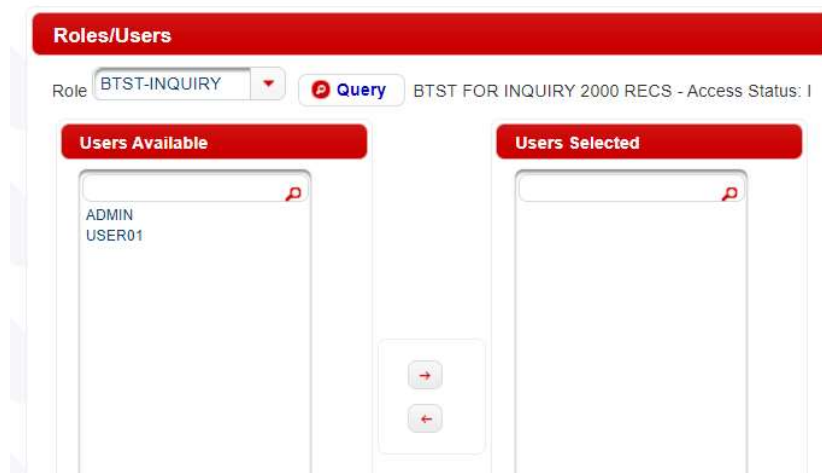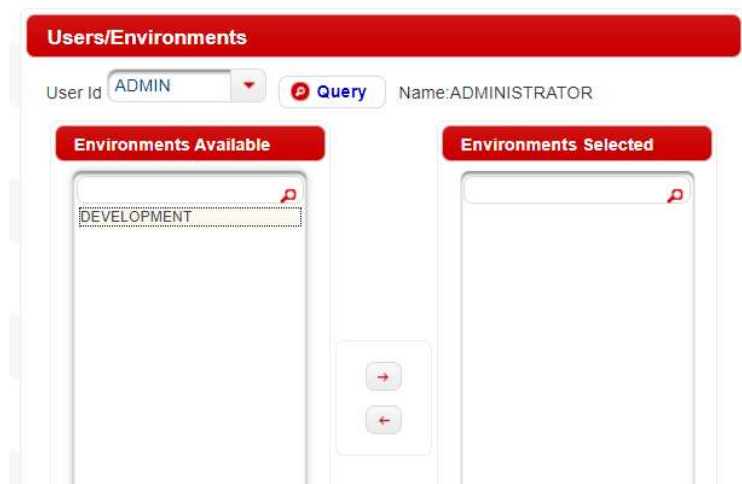

Select the users you want to assign to this role and press the button to move them to the right list. With this action, **ADMIN** and **USER01** can access the database **BTST** in inquiry mode but only 2.000 records are in a result.

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The last relation is to assign users to environments. This allows the user to access databases defined in that environment.

Select the option **Users/Environment** in the **Admin** menu and the page will be displayed.


Proceed using the same operation as the previous page to assign the **DEVELOPMENT** environment to the user **ADMIN**.
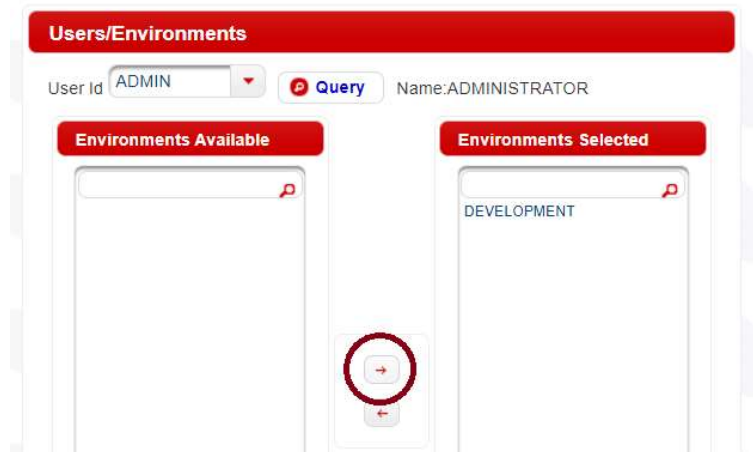
Now the security configuration has been done. You can connect using USER01 to use the SQL Worksheet page to submit queries to the BTST database.

Select the option **SQL Worksheet** in the **SQL** menu. As no database has been selected yet, the **Select Database** page is displayed and all databases available to the connected user are listed.
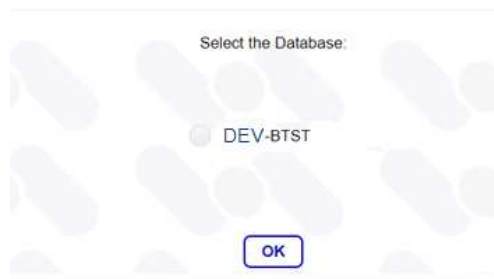
Select the database **BTST** from the **DEV** mainframe and click **OK**.

The SQL Worksheet page is displayed.

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You can use the query text to type your SQL statement. By pressing the Execute button, the query is processed and the gird contains the result of the query.

SEQ	CLIENT_ID	CLIENT_NAME	ADDRESS	CITY	STATE	COUNTRY	CREDIT_LIMIT
1	1	CLIENT NO. 1	1234, 2ND AVENUE	NEW YORK	NY	USA	1000.00
2	2	CLIENT NO. 2	100, BISCAINE BLVD	MIAMI	FL	USA	1000.00
3	3	CLIENT NO. 3	456, HARTFORD MARRON RD	CHICAGO	IL	USA	3000.00
4	4	CLIENT NO. 4	390, SANTA MONICA BLVD	SANTA MONICA	CA	USA	4000.00

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