Progress Schema Holder Creation

An empty Progress database must be created to act as the schema holder for the MSS DataServer. The schema holder is the layer that will allow the Progress 4GL to interact with the MS SQL Server database as though it were a native Progress database.

1. From the Progress Data Administration tool, select the following from the menu.
   a. Database ▼ Create

   ![Progress Connect Database Dialog](image)
   
   Figure 14a - Progress Connect Database Dialog

2. Specify a physical database name (mydbSH) and choose the Empty Database to start with, and click OK.

   ![Connect Database](image)
   
   Figure 14b - Progress Connect Database Dialog

3. If the new database was successfully created the Connect Database dialog box will appear. Click OK.

4. From the Database Administration tool, select the following from the menu:
   a. DataServer ▼ MS SQL Server Utilities ▼ Create DataServer Schema
5. Enter the Logical Database Name (mydbsql) and ODBC Source Name (mydbODBC) and click **OK**.

6. Enter the Login ID and Password if required in the next dialog box and click **OK**.
7. Enter criteria for **Object Name**, **Object Owner** (typically, but not always "DBO"), and **Qualifier**.
8. Select the **Default to OpenEdge DATETIME** option.
9. If you are using LOB fields in replication, select the **Default to OpenEdge LOB for** option. By default, both **CLOBs** and **BLOBs** options are selected. So, unselect the **CLOBs** option and then click **OK**.
10. In the next window, select the table names required for replication or choose **Select Some** and enter **Table** for the Object Type to select all tables. Click **OK**. The schema pull will commence and could take 30 minutes or longer for a database with a large number of tables.

**Testing the DataServer Connection**

From the Progress editor, the following command should connect to the DataServer and a target MSS database via the ODBC data source:

```
CONNECT -db mydbs -db mydbs -db mydbs -dt MSS -ld mydbSQL
-U <SQL_Login_Name> -P <SQL_password>
-Dsrv binding,0 -Dsrv TXN_ISOLATION,1.
```

From the Progress editor the following command should connect to the DataServer and a target Oracle database via the ODBC data source:

```
CONNECT -db mydbs -db mydbs -db mydbs -dt ORACLE -ld mydbSQL
-U <SQL_Login_Name> -P <SQL_password>
-Dsrv binding,0 -Dsrv TXN ISOLATION,1.
```