

BusinessObjects Designer and Desktop Intelligence XI Release 2

How to Add to the List of Existing Connections

Overview

This document explains how to add custom connections to the existing list of available connections in BusinessObjects Designer and Desktop Intelligence XI Release 2.

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Introduction

This document explains how to add custom connections to the existing list of connections in BusinessObjects Designer and Desktop Intelligence XI Release 2.

The example environment discussed in this document consists of an ODBC connection to Microsoft SQL Server 2000 within Desktop Intelligence and Web Intelligence.

Some Desktop Intelligence reports require the use of multiple free-hand SQL statements. In order for multiple free-hand SQL statements to work in Desktop Intelligence, the parameter **Force SQLExecute** must be added to the .sbo file that corresponds to the database type.

As Web Intelligence does not support multiple free-hand SQL Statements, the use of the same SQL Server 2000 connection type may result in error messages appearing when viewing the Web Intelligence reports. This document shows how to work around this behavior, by defining different connection types to use a different entry in the .sbo files and avoid a conflict between Desktop Intelligence and Web Intelligence reports.

Adding an ODBC or OLE DB connection

WARNING	The following resolution involves editing the registry. Using the Registry Editor incorrectly can cause serious problems that may require you to reinstall the Microsoft Windows operating system. Use the Registry Editor at your own risk. It is strongly recommended that you make a backup copy of the registry files (System.dat and User.dat on Win9x computers) before you edit the registry.
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HELP	For information on how to edit the registry, view the Changing Keys And Values online Help topic in the Registry Editor (Regedit.exe).
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To add additional connections for ODBC or OLE DB, edit the registry and then edit the relevant .sbo file.

Registry requirements

If you are using a connection other than ODBC or OLE DB, then do not edit the registry. If you are using ODBC or OLE DB, make one addition to the registry for each connection as outlined in the following sections.

Editing the registry

When using Web Intelligence, the following changes only need to be made to the Web Intelligence Server. When using Desktop Intelligence, to allow all the users to access the new custom connection, the following changes must be made to each computer:

1. Go to **Start > Run** and type "regedit". The **Registry Editor** appears.
2. In the **Registry Editor**, navigate to the registry folder that corresponds to your product and connection type:

For ODBC in BusinessObjects 6.x (See Figure 1 below):

HKLM\SOFTWARE\Business Objects\Suite
6.0\default\Shared\ConnectionServer\Network
Layers\ODBC\SQL List

For OLE DB in BusinessObjects 6.x:

HKLM\SOFTWARE\Business Objects\Suite
6.0\default\Shared\ConnectionServer\Network Layers\OLE
DB\SQL List

For ODBC in BusinessObjects XI Release 2:

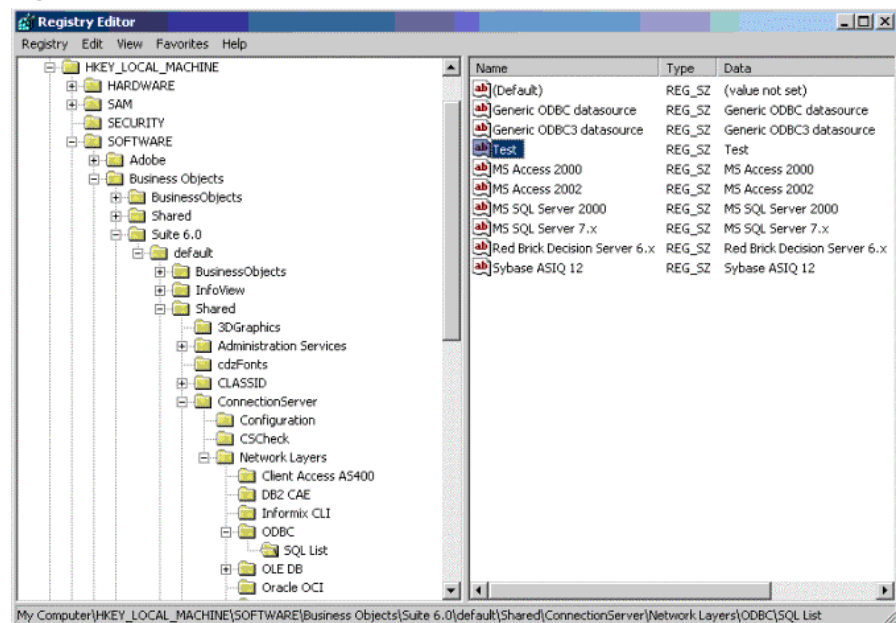
HKLM\SOFTWARE\Business Objects\Suite
11.5\default\Shared\ConnectionServer\Network
Layers\ODBC\SQL List

For OLEDB in BusinessObjects XI Release 2:

HKLM\SOFTWARE\Business Objects\Suite
11.5\default\Shared\ConnectionServer\Network Layers\OLE
DB\SQL List

3. Click **Edit > New > Value** and create a new value called "Test" (or the name of your new connection, which should be a unique name).

Figure 1



4. Close the Registry Editor.

Editing the .sbo file

1. To locate the .sbo file, navigate to the corresponding folder for your product and connection type:

For ODBC in BusinessObjects 6.x:

C:\Program Files\Business Objects\BusinessObjects Enterprise
6\dataAccess\RDBMS\connectionServer\odbc

For ODBC in BusinessObjects XI Release 2:

C:\Program Files\Business Objects\BusinessObjects Enterprise
11.5\win32_x86\dataAccess\RDBMS\connectionServer\odbc

2. Open the odbc.sbo or oledb.sbo file and copy the code from an existing connection. For example, for SQL Server 2000 copy the following text:

```
<DataBase Active="Yes" Name="MS SQL Server 2000">
  <Aliases>
    <!-- You can add an alias here if you are using some
    connections that are defined with an older database
    engine -->
    <Alias>MS SQL Server 6.5</Alias>
  </Aliases>
  <Libraries>
    <Library>dbd_wmssql</Library>
    <Library>dbd_mssql</Library>
  </Libraries>
  <Parameter Name="Family">Microsoft</Parameter>
  <Parameter
  Name="Version">rdbms_mssqlserverodbc.txt</Parameter>
  <Parameter Name="SQL External File">sqlsrv</Parameter>
  <Parameter Name="SQL Parameter File">sqlsrv</Parameter>
  <Parameter Name="Strategies File">sqlsrv</Parameter>
  <Parameter Name="Array Bind Available">True</Parameter>
  <Parameter Name="Driver Level">31</Parameter>
  <Parameter Name="CharSet Table"
  Platform="Unix">datadirect</Parameter>
  <Parameter Name="Driver Name">SQL Server</Parameter>
```

```
<Parameter Name="SSO Available">True</Parameter>
</DataBase>
```

3. Paste the copied text directly below the </DataBase> tag of the SQL Server 2000 as follows:

```
<DataBase Active="Yes" Name="MS SQL Server 2000">
  <Aliases>
<!-- You can add an alias here if you are using some
connections that are defined with an older database
engine -->
  <Alias>MS SQL Server 6.5</Alias>
</Aliases>
  <Libraries>
    <Library>dbd_wmssql</Library>
    <Library>dbd_mssql</Library>
  </Libraries>
<Parameter Name="Family">Microsoft</Parameter>
<Parameter
Name="Version">rdbms_mssqlserverodbc.txt</Parameter>
<Parameter Name="SQL External File">sqlsrv</Parameter>
<Parameter Name="SQL Parameter File">sqlsrv</Parameter>
<Parameter Name="Strategies File">sqlsrv</Parameter>
<Parameter Name="Array Bind Available">True</Parameter>
<Parameter Name="Driver Level">31</Parameter>
<Parameter Name="CharSet Table"
Platform="Unix">datadirect</Parameter>
<Parameter Name="Driver Name">SQL Server</Parameter>
<Parameter Name="SSO Available">True</Parameter>
</DataBase>

<DataBase Active="Yes" Name="Test">
  <Aliases>
<!-- You can add an alias here if you are using some
connections that are defined with an older database
engine -->
  <Alias>MS SQL Server 6.5</Alias>
</Aliases>
  <Libraries>
    <Library>dbd_wmssql</Library>
    <Library>dbd_mssql</Library>
  </Libraries>
  <Parameter Name="Family">Microsoft</Parameter>
```

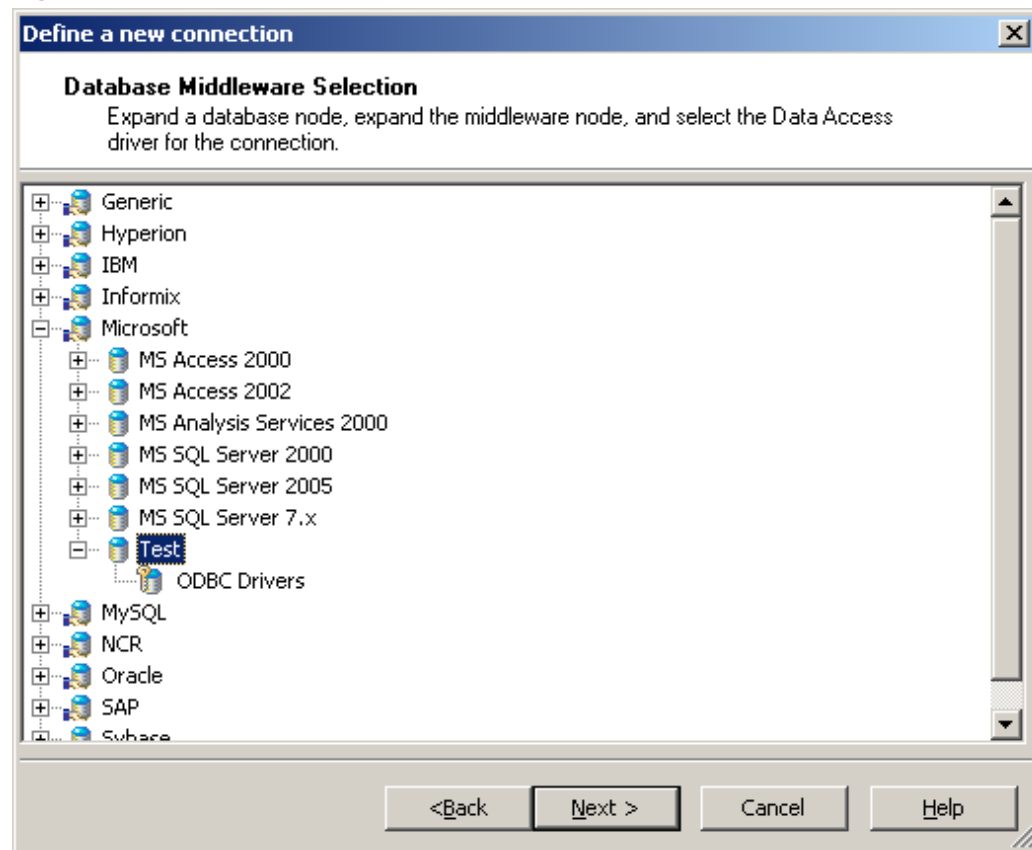
```
<Parameter
Name="Version">rdbms_mssqlserverodbc.txt</Parameter>
<Parameter Name="SQL External File">sqlsrv</Parameter>
<Parameter Name="SQL Parameter File">sqlsrv</Parameter>
<Parameter Name="Strategies File">sqlsrv</Parameter>
<Parameter Name="Array Bind Available">True</Parameter>
<Parameter Name="Driver Level">31</Parameter>
<Parameter Name="CharSet Table"
Platform="Unix">datadirect</Parameter>
<Parameter Name="Driver Name">SQL Server</Parameter>
<Parameter Name="SSO Available">True</Parameter>
</DataBase>
```

4. Change the value of the **Name** parameter from "Test" to the name of your database connection.
5. Save and close the odbc.sbo file.
6. For BusinessObjects 6.x, restart your Web Intelligence server or Desktop Intelligence along with Designer. For BusinessObjects Enterprise XI Release 2, restart the Web Intelligence server from the Central Configuration Manager (CCM). If you currently have Designer or Desktop Intelligence open, save your work and restart the application.

You can now add the required additional parameter(s) for your new connection that is defined in the odbc.sbo file. In this example, the **Force SQLExecute** parameter is added.

When you now open Designer or Desktop Intelligence, the new connections available appear under the **Microsoft** section (See Figure 2).

Figure 2



Adding a native database connection

This section describes how to add a new connection other than ODBC or OLE DB, such as a native connection to Oracle, DB2, etc. To add a native database connection, modify the relevant .sbo file. For example, to add another native Oracle connection, the **oracle.sbo** is modified, as described below.

Registry requirements

To add a native connection, there is no need to make changes to the registry.

Editing the .sbo file

When using Desktop Intelligence, to allow all the users to access the new custom connection, the following changes must be made to the corresponding .sbo files on each computer.

1. Locate the **oracle.sbo** file in the following **BusinessObjects Enterprise XI Release 2** folder:

C:\Program Files\Business Objects\BusinessObjects Enterprise
11.5\win32_x86\dataAccess\RDBMS\connectionServer\oracle

2. Open the **oracle.sbo** file and add the following lines, directly above the last `</DataBase>` tag:

```
<DataBase Active="Yes" Name="Name of new connection">  
  <Libraries>  
    <Library>dbd_oci10</Library>  
    <Library>dbd_oci9</Library>  
    <Library>dbd_oci8</Library>  
  </Libraries>  
  <Parameter Name="SSO Available">True</Parameter>  
</DataBase>
```

3. Save and close the **oracle.sbo** file
4. To see the changes reflected in the available connections, close and reopen Designer or Desktop Intelligence.

Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at:

<http://www.businessobjects.com/>

► www.businessobjects.com

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