

Your Question

Article: 00123

Question:

How to Create a Cube from Microsoft SQL Server 2000 or 2005 Analysis Services OLE DB Provider?

Net Report Answer

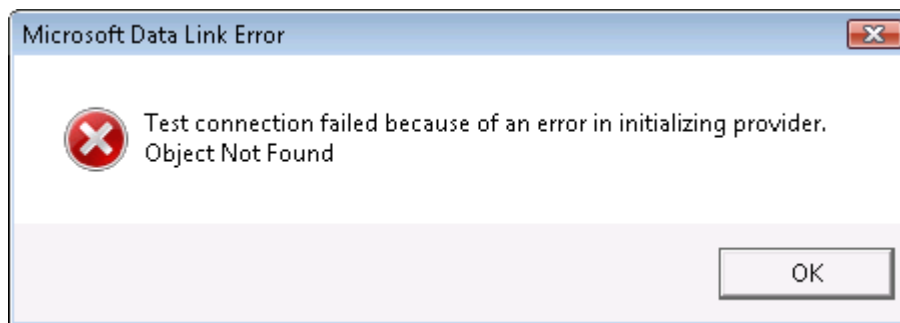
Introduction

To create a cube from Analysis Services, you need to check or install the following:

If your Client Machine has:	If the OLAP Server you want to access for Analysis Services Cubes is:	Then you need to check you have / install:
No Microsoft SQL Server	OLAP Server 2000 →	Microsoft OLE DB Provider for Analysis Services 8.0
	OLAP Server 2005 →	- MSXML 6.0 - Microsoft OLE DB Provider for Analysis Services 9.0
Microsoft SQL Server 2000	OLAP Server 2000 →	Microsoft OLE DB Provider for Analysis Services 8.0
	OLAP Server 2005 →	- MSXML 6.0 - Microsoft OLE DB Provider for Analysis Services 9.0
MS SQL Server 2005	OLAP Server 2005 →	- MSXML 6.0 - Microsoft OLE DB Provider for Analysis Services 9.0

Warning: if you try to create a **Cube from Analysis Services** in the above cases without installing the necessary requirements (Microsoft OLE DB Provider for Analysis Services 8.0 or MSXML 6.0 and Microsoft OLE DB Provider for Analysis Services 9.0 according to your client and server machines' configurations, please see the table above) then you will get the following error message when connecting to the database:

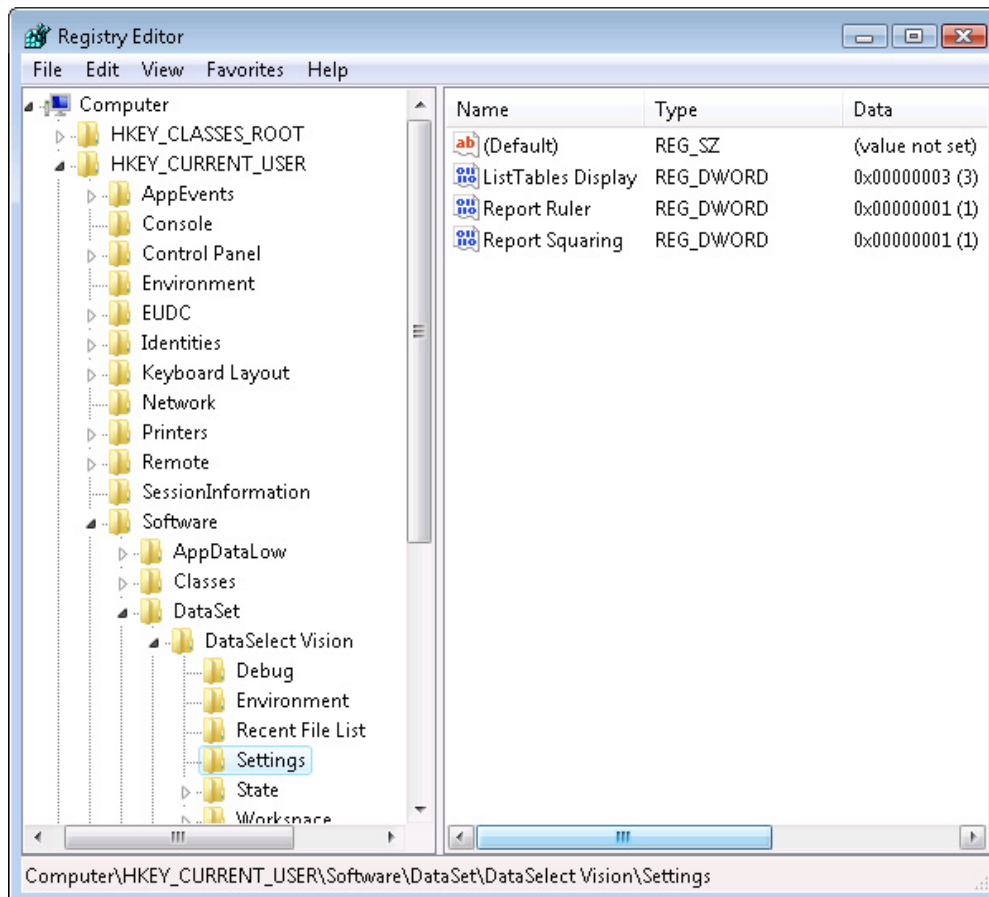
Test connection failed because of an error in initializing provider. Object not found.



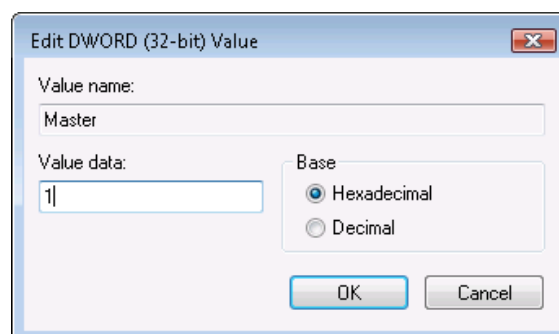
Task 1: Check the OLE Provider Installed

To check which OLE Provider you have installed, perform the steps below:

1. Launch the **Registry Editor**.
2. Select Computer\HKEY_CURRENT_USER\Software\DataSet\DataSelectVision\Settings in the left pane.

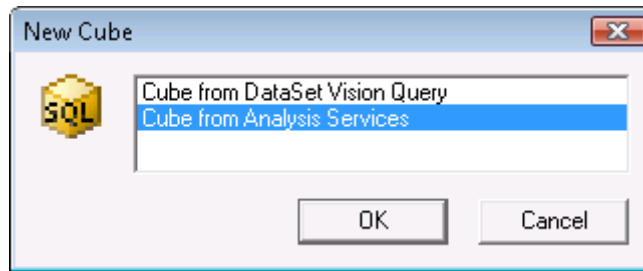


3. Right-click in the right pane and select **New> DWORD (32-bit Value)**.
4. Rename the new DWORD **Master**.
5. Double-click the **Master** DWORD.
6. Enter 1 as the **Value data**.

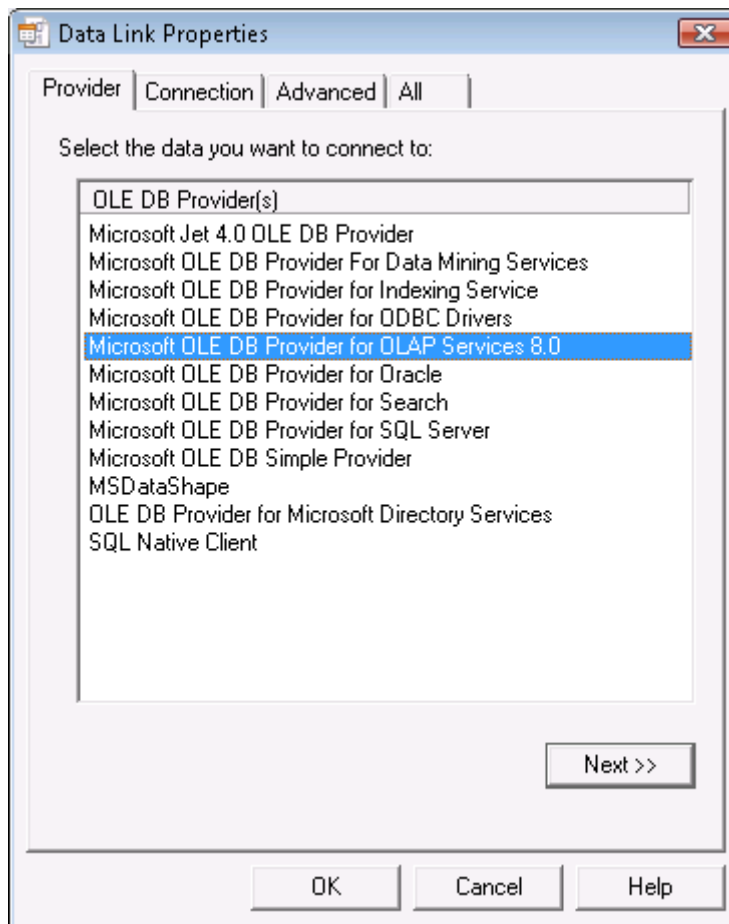


7. Click **OK**.
8. Launch **DataSet Vision** select **Start> All Programs> DataSet> DataSet Vision** in the **Start** menu.
9. Select **File> Open Project** to open a project.

10. Select **File> New> Cube**. The **New Cube** dialog box appears.
11. Select **Cube from Analysis Services**.



12. Click **OK**. The **Data Link Properties** dialog box appears.
13. Note the **Provider** tab has been added.



14. Note the Microsoft OLE DB Provider for OLAP Services which are present. In this example, the client machine has Microsoft SQL Server 2005 Express and we need to install MSXML 6.0 and Microsoft OLE DB Provider for Analysis Services 9.0.

Task 2: Install the Requirements

Install the requirements as appropriate (please see the table on Page 1).

Task 2.1: Install MSXML 6.0

Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider requires **Microsoft Core XML Services (MSXML) 6.0**. Install MSXML by clicking the following hyperlink:

<http://www.microsoft.com/downloads/details.aspx?FamilyId=d21c292c-368b-4ce1-9dab-3e9827b70604&displaylang=en>

Task 2.2: Install Microsoft OLE DB Provider for Analysis Services 9.0

Install Microsoft OLE DB Provider for Analysis Services 9.0: SQL Server 2005 Feature Pack from February 2007 by clicking the following hyperlink:

<http://www.microsoft.com/downloads/details.aspx?familyid=50B97994-8453-4998-8226-FA42EC403D17&displaylang=en>

Scroll to the base of the page and click the **Download** button to the right of the following file in the table: SQLServer2005_ASOLEDB9.msi

Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider

The Analysis Services 9.0 OLE DB Provider is a COM component that software developers can use to create client-side applications that browse metadata and query data stored in Microsoft SQL Server 2005 Analysis Services. This provider implements both the OLE DB specification and the specification's extensions for online analytical processing (OLAP) and data mining.

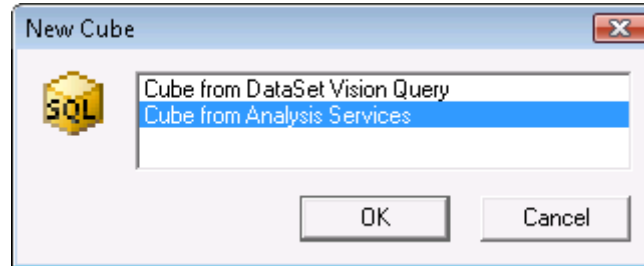
Audience(s): **Customer, Partner, Developer**

- [X86 Package](#) (SQLServer2005_ASOLEDB9.msi) - 12160 KB
- [X64 Package](#) (SQLServer2005_ASOLEDB9_x64.msi) - 27981 KB
- [IA64 Package](#) (SQLServer2005_ASOLEDB9_ia64.msi) - 34700 KB

Task 3: Create a New Cube from Analysis Services

To create a new cube from Analysis Services, perform the steps below:

1. Launch **Data Set Vision**, select **Start> All Programs> DataSet> DataSet Vision** in the **Start** menu.
2. Select **File> Open Project** to open a project.
3. Select **File> New> Cube**. The **New Cube** dialog box appears.
4. Select **Cube from Analysis**.



5. Click **OK**. The **Data Link Properties** dialog box appears.
6. Click **Test Connection**.
7. Click **OK**.