

# RE: Database Lookup Functoid Connection String

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<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.general/2005-06/msg00721.html>

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- *From:* [shjin@xxxxxxxxxxxxxxxxxxxxxx](mailto:shjin@xxxxxxxxxxxxxxxxxxxxxx) (Sunghwa Jin [MSFT])
  - *Date:* Mon, 27 Jun 2005 22:48:51 GMT
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Hi,

A OLE DB provider is a COM component which implement a number of COM interfaces for OLE DB aware applications.

The XXXX part of "Provider=XXXX " is a COM ProgID which is available in the registry HKEY\_CLASSES\_ROOT\XXXX. This is sort of friendly name of a GUID called CLSID which serves a way to identify unique COM component.

In this case, SQLOLEDB and SQLOLEDB.1 are both assigned to the same CLSID. So you can use either one. The difference here is that the first one may map to new version when new version is available and the second one is version specific, which means it will give you ability to run side-by-side when next version is available. I actually suggest you use the second one to provide maximum compatibility in future.

And connection string is a way to initialize a OLE DB provider. Different OLE DB provider may use different connection string. In this case, you're using Microsoft OLE DB Provider for SQL Server. And to me, it looks like your connection string is fine, but you should be aware that the DB will be accessed by the BizTalk server account, so the BizTalk server account should have permission to the specified DB.

Here is a tip that may help you to build the connection string for any OLE DB provider.

1. Create an empty text file that has an extension ".udl". Say test.udl.
2. Double-click the test.udl.
3. You will see Data Link Properties dialog. You can select a provider and set connection parameters using nice UI rather than the encryptic connection string directly.
4. Now when you're done, click OK to close the dialog.
5. Take a look at the test.udl file using regular text editor such as Notepad. You will see connection string there. You can copy it.

I hope this help you.

Thanks,

RE: Database Lookup Functoid Connection String

Sunghwa

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| Thread-Topic: Database Lookup Functoid Connection String  
| thread-index: AcV48HXZXoSZ91AnSvKQzS9U+Jt0MQ==  
| X-WBNR-Posting-Host: 207.47.113.30  
| From: =?Utf-8?B?UkFC?= <RAB@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
| Subject: Database Lookup Functoid Connection String  
| Date: Fri, 24 Jun 2005 12:11:01 -0700  
| Lines: 11  
| Message-ID: <FA6894DE-5515-41A9-9433-00776328480F@xxxxxxxxxxxx>  
| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="Utf-8"  
| Content-Transfer-Encoding: 7bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| Content-Class: urn:content-classes:message  
| Importance: normal  
| Priority: normal  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
| Newsgroups: microsoft.public.biztalk.general  
| NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250  
| Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl  
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.biztalk.general:14997  
| X-Tomcat-NG: microsoft.public.biztalk.general

| What is SQLOLEDB.1

| What is the ".1" at the end for?

| My connection string is as follows:

| Provider=SQLOLEDB;Integrated Security=SSPI;Persist Security  
| Info=False;Initial Catalog=Natren\_Inc\_MSCRM;Data Source=SRV-DEV-CRM

| Is this correct, or do I need that .1 at the end.

| -Thanks.

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• **References:**

◆ **[Database Lookup Functoid Connection String](#)**

◇ From: RAB

- Prev by Date: **[Re: disabling port on one server in multiple server host application](#)**
- Next by Date: **[Problem after installing Biztalk 2004 SP1 with existing orchestrations](#)**
- Previous by thread: **[Database Lookup Functoid Connection String](#)**
- Next by thread: **[Receive Pipeline error- Reason:Not Implemented](#)**

## RE: Database Lookup Functoid Connection String

- Index(es):
  - ◆ *Date*
  - ◆ *Thread*