

Re: Oracle client and .net

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2005-05/msg01657.html>

- *From:* "Gerald Hernandez" <Cablewizard@spam_remove@Yahoo.com>
 - *Date:* Thu, 26 May 2005 10:24:30 -0600
-

"Mike D" <MikeD@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:A687E48C-9249-4CC3-9606-38987BEF7424@xxxxxxxxxxxxxxxxxxxx

> Thanks for the reply. Are you familiar with the ".NET Managed Provider
for
> Oracle" found here
>

<http://www.microsoft.com/downloads/details.aspx?FamilyId=4F55D429-17DC-45EA-BFB3-076D1C052524&disp>

What does it do?

>
> Thanks again
> Mike

Generic ADO is "simple" and easy to use. However, it provides only generic database access. You don't typically have access to the specialized capabilities of whatever underlying database system you are connecting to. Well, not easily, and it is optimized mostly for MS SQL Server. The problem is that there are frequently things you need to do with Oracle that work differently than SQL Server. Because of this, the normal ADO providers just don't work all that well with Oracle. Note that it is still possible, and in some cases practical, to use generic ADO to interface to Oracle, but with limited functionality.

The native Oracle Client is very powerful and feature rich. However, it is far from easy to use, and so specialized that it severely limits the possibility of code reuse; Which ADO does very well.

The ".NET Managed Provider for Oracle" provides an in-between step. It combines the standardized interfaces and ease of use of generic ADO, but also is tuned to work closely with the capabilities of Oracle. So you get a reasonable compromise between the power of the Oracle native drivers and the simplicity and portability of ADO. Note, that it still interfaces with whatever Oracle Client driver you have installed, it in itself is not a driver, but a user friendly interface to the driver that is installed.

Unless you are writing an application that requires the absolute best possible performance, access to low level objects, and only works with a specific version of Oracle, then I would use the .NET Managed Provider for

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Oracle. If you do need that low level access, then you could use the native Oracle Driver. But even then I would recommend keeping that to a minimum and only when necessary. Just not that friendly IMHO.

Gerald

• *Follow-Ups:*

◆ **Re: Oracle client and .net**

◇ *From:* Mike D

• *References:*

◆ **Oracle client and .net**

◇ *From:* Mike D

◆ **Re: Oracle client and .net**

◇ *From:* Gerald Hernandez

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◇ *From:* Mike D

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