

Re: Difference between openrowset and opendatasource

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-05/5044.html>

From: oj (nospam_ojngo_at_home.com)

Date: 05/23/04

Date: Sat, 22 May 2004 17:46:13 -0700

No. Openrowset() does not allow you to use 4-part-name.

e.g.

--not valid

```
select * from openrowset('conn').db.dbo.obj
```

--

-oj

<http://www.rac4sql.net>

"TomTom" <no_spam@nospamfordiscussion.com> wrote in message
news:%23J0LekFQEHA.3456@TK2MSFTNGP11.phx.gbl...

> According to the documentation, OpenRowSet supports three-part name. The
> missing one-part is the server name, which is specified as an argument of
> OpenRowSet. I understand the different, but it looks very similar.

>

> Thanks for your help!

>

>

> "oj" <nospam_ojngo@home.com> wrote in message

> news:ec8URoEQEHA.808@tk2msftngp13.phx.gbl...

> > Opendatasource was implemented in sql2k to address some problems that
> > openrowset has with Jet provider string.

> >

> > The major differences are listed here

> >

> http://msdn.microsoft.com/library/en-us/acdata/ac_8_qd_12_02pl.asp?frame=true

> >

> > And here is a blurb that is missing from that link...

> > Important For each instance of SQL Server 2000, members of the sysadmin
> > fixed server role can enable or disable the use of ad hoc connector names
> > for an OLE DB provider using the SQL Server DisallowAdhocAccess property.

> > When ad hoc access is enabled, any user logged on to that instance can
> > execute SQL statements containing ad hoc connector names referencing any
> > data source on the network that can be accessed using that OLE DB
> > provider.

> > To control access to data sources, members of the sysadmin role can
> > disable

> > ad hoc access for that OLE DB provider, thereby limiting users to only
> > those

> > data sources referenced by linked server names defined by the

> > administrators. By default, ad hoc access is enabled for the SQL Server

> > OLE

> > DB provider, and disabled for all other OLE DB providers.

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> >
> > To sum up, openrowset() allows you to create an ad-hoc connection to oledb
> > provider and execute a query.
> > e.g.
> > select * from openrowset('conn','query')
> >
> > Opendatasource() also allows you to create an ad-hoc connection but it
> > allows
> > you to reference the provider in a 4-part-name.
> > e.g.
> > select * from opendatasource('conn').db.owner.obj
> >
> > --
> > -oj
> > http://www.rac4sql.net
> >
> >
> > "TomTom" <no_spam@nospamfordiscussion.com> wrote in message
> > news:uu7t5CEQEHA.3476@tk2msftngp13.phx.gbl...
> > > It looks like OpenDataSource was introduced in SQL 2000, but I wonder
> > what's
> > > the difference from OpenRowSet. Looking at the construct, they look
> > very
> > > similar. BOL also does not explain the differences. What is the major
> > > difference? Thanks!
> > >
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