

## Re: DSN-less connection for Informix database

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2007-04/msg01594.html>

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- *From:* "jeff" <jhersey at allnorth dottt com>
  - *Date:* Tue, 24 Apr 2007 04:58:09 -0700
- 

no, build an odbc for using the specified driver ... my case in this example ... Pervasive ODBC client Interface ... I know every user's machine will have this DRIVER installed. But what I do not want to rely on is having to SETUP an odbc connection profile .. dsn ... for each user or for each machine.

So, what I did was created an ODBC System DSN ... opened the Regedit ...  
navigate to ...  
HKEY\_LOCAL\_MACHINE  
SOFTWARE  
ODBC  
ODBC.INI

Find the DSN profile I just created...  
Look at the KEY and VALUE list...  
Dup this in the parameter string you see below..

For example, here is one that will connect to an access database ... ODBC  
....

```
'Driver={Microsoft Access Driver  
(*.*.mdb)};UID=admin;PWD=;DBQ=C:\Test.MDB',ConnectOption  
='SQL_DRIVER_CONNECT,SQL_DRIVER_NOPROMPT;'
```

I assumed your question was how to use an ODBC driver to connect to a database without needing a User or System DSN profile. Is this correct.

If so, the above should work for you ... building your connection string.

Does this help?

If you are using Informix ... and your DSN is jeco ...

```
Dim FactorJaco As String = "dsn=jaco;catalog=factor;uid=user;pwd=password"
```

in your connection string, replace the DNS=jaco ... with a string you build using the information you get from the registry entry.

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the example I gave you, was for a PERVASIVE dsn'less connection string ... instead of me using a NAMED dsn connection profile ...

DNS='myDNSProfile';uid=MyUserName;pwd=MyPassword ...

I use ...

```
Driver={Pervasive ODBC Client Interface}; ServerDSN=purchasingdata;  
ServerName=10.10.10.7.1583; TCPPort=1583; TransportHint=TCP:SPX ;  
uid=MyUserName'pwd=MyPassword
```

If I look at myDSNProfile in the ODBC.ini section of the registry, they will be the following keys...

```
ServerDSN=purchasingData  
ServerName=10.10.10.7.1583
```

....

all the information that is required by the Pervasive ODBC Client Interface driver ...

....

remember, the registry only contains parameter / value lists for the driver, nothing else. So, if you can duplicate the parameter string, you do not need to rely on a predefined DSN. I can not give you the specific connection string for you INFORMIX connection because I do not have your driver loaded on my machine – which would allow me to create a dns profile, and review the parameters in the registry.

Jeff

"Bill Nguyen" <billn\_nospam@xxxxxxxx> wrote in message  
[news:%236oCX4hhHHA.2332@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%236oCX4hhHHA.2332@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Jeff;

Where do you go to get this info in the registry?  
Are you talking about ODBC for Informix database?

Thanks

Bill

"jeff" <jhersey at allnorth dottt com> wrote in message  
[news:OkT5vkahHHA.4296@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OkT5vkahHHA.4296@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

To create dsn'less ODBC connections, I create a DSN on my machine and look at the registry to see what data elements it creates, I then simply create a connection string. For example, here is on I use to connect Timberline Software – P/O system.

```
Driver={Pervasive ODBC Client Interface}; ServerDSN=purchasingdata;
```

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ServerName=10.10.10.7.1583; TCPPort=1583; TransportHint=TCP:SPX

I then add all the other connection data to it – user name, password and so on. This string above replaces the need for me to create a DSN connection profile on each client machine or on the citrix server.

Jeff.

"Bill Nguyen" <billn\_nospam\_please@xxxxxxxx> wrote in message  
[news:eT0MI24gHHA.1240@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eT0MI24gHHA.1240@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

```
I have this connection string using ODBC DSN
Dim FactorJaco As String =
"dsn=jaco;catalog=factor;uid=user;pwd=password"
```

This requires an ODBC DSN (jaco) at every client PC. I need to use DSN-less connection for terminal server setup.

Any help is greatly appreciated.

Bill