

Re: Problem with 64-bit ODBC code and SQLConnect and SQLWCHAR

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.odbc/2005-09/msg00052.html>

- *From:* "Mike Epprecht \ (SQL MVP)" <mike@xxxxxxxxxxxxx>
 - *Date:* Sat, 10 Sep 2005 04:32:10 +0200
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Hi

SQL Server 2005 CTP questions to the community newsgroups:
<http://communities.microsoft.com/newsgroups/default.asp?icp=sqlserver2005&slcid=us>

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"Nick Palmer" <nick@xxxxxxxxxxxxx> wrote in message
news:11i480ff7qiikf9@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Hi all,
>
> I'm trying to test some 64-bit ODBC stuff and I'm running into a slight
> problem. First, my configuration.
>
> Windows XP x64
> VS.Net 2005 Beta 2
> SQL Server 2005 CTP
>
> So, I have built and tested other 64 bit apps so I know that things are
> all
> working, but now I'm trying to test ODBC and I'm running into a problem.
> I
> have the following code :
>
> SQLCHAR Database[MAXBUFLEN]; // = "Cloud";
> SQLCHAR User[MAXBUFLEN]; // = "fred";
> SQLCHAR Pass[MAXBUFLEN]; // = "me";
>

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> sprintf ((char *)Database, "%s", "Cloud");
> sprintf ((char *)User, "%s", "fred");
> sprintf ((char *)Pass, "%s", "me");
>
> retcode = SQLConnect(hdbc1, Database, SQL_NTS,
> User, SQL_NTS, Pass, SQL_NTS);
>
> If I execute this code as part of a little test program on my 32 bit box,
> it
> connects just fine. Now, to get this code to compile on the 64-bit box, I
> have to cast the string variable with (SQLWCHAR *) like this.
>
> retcode = SQLConnect(hdbc1, (SQLWCHAR *)Database, SQL_NTS,
> (SQLWCHAR *)User, SQL_NTS, (SQLWCHAR *)Pass, SQL_NTS);
>
> So it compiles, but when I run it, I get an error back. If I take a look
> at what (SQLWCHAR *)Database produces, its some unreadable junk. If I
> turn
> on ODBC logging and then after the SQLConnect call take a look at the log,
> where I should see the database for instance, I see just random
> characters.
>
> So, what gives ? Do I have to do something special when working with
> SQLWCHAR ?
>
> Thanks for any help anyone can give me.
>
> Nick
>
>

• **References:**

◆ **[Problem with 64-bit ODBC code and SQLConnect and SQLWCHAR](#)**

◇ From: Nick Palmer

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