

ODBC connection to Oracle shows handle count leak

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From: Kong Li (*likong_at_email.com*)

Date: 04/24/04

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Follow up to this thread. The latest Oracle 9i release 2 patchset (9.2.0.5) fixed this problem. The problem is within Oracle client.

Thanks.

Kong

From: Kong Li (likong@email.com)

Subject: Re: ODBC connection to Oracle shows handle count leak

This is the only article in this thread

View: Original Format

Newsgroups: microsoft.public.data.odbc

Date: 2004-01-30 17:35:11 PST

Follow up to this thread,

In addition to Microsoft ODBC for Oracle, I also tried Oracle ODBC driver (version 9.02.00.54) while keeping everything else the same.

There is also handle count leak. 2 per allochandle/connect/disconnect/freehandle, identical to the behavior of using Microsoft ODBC for Oracle.

I used the same code to connect to SQL 2000 with MSSQL ODBC driver (version 2000.81.9042.00). There is no handle count leak.

The Oracle server is 9i (9.2.0).

Here is the skelton code:

```
SQLAllocHandle(SQL_HANDLE_ENV, NULL, &henv);
while (true) {
    construct connection string for a new Oracle server
    SQLAllocHandle(SQL_HANDLE_DBC, henv, &hdbc);
    if (SQL_SUCCEEDED(SQLDriverConnect(hdbc,...))) {
        SQLDisconnect(hdbc);
    }
}
```

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```
SQLFreeHandle(SQL_HANDLE_DBC, hdbc);  
}
```

Any ideas or pointers?

Thanks.

Kong

"Kong Li" <likong@email.com> wrote in message
news:<uUIODAI5DHA.3548@TK2MSFTNGP11.phx.gbl>...

> *Environments:*

> 1. WinXP SP1, MDAC 2.7 SP1 (Microsoft ODBC for Oracle is 2.573.9030.0),

> Oracle client 9.2.0.1.

> 2. Win2000 SP4, MDAC 2.7 SP1 (Microsoft ODBC for Oracle is 2.573.9030.0),

> Oracle client 9.2.0.1.

> 3. Win2000 SP4, MDAC 2.8 (Microsoft ODBC for Oracle is 2.573.1022.0), Oracle

> client 9.2.0.1.

>

> *I have a simple program calling SQLDriverConnect (not OLEDB, not ADO, but*

> *ODBC) to an Oracle server 9.2, and then disconnect. The value of handle*

> *count increases by 2 each time I did the connect/disconnect. This has been*

> *verified on the above 3 environments. Turning on/off ODBC connection*

> *pooling does not change the handle count leakage.*

>

> *Connection caching is not an option for me since the application connects to*

> *a set of Oracle servers that keep changing.*

>

> *Is this a known problem?*

>

> *Any pointers, ideas?*

>

> *Thanks.*

>

> *Kong*