

## Re: detecting a dead connection

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**From:** Gideon (*grashkes\_at\_yahoo.com*)

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Hi Brannon, and thanks for you reply.

I've done some more research and here's what I came up with.

Lets focus for now solely on SQLGetConnectAttr.

I need to use it to find out whether the connection is alive or not before I attempt to use it, as I want to refrain from using exception handling in this case.

I've found out that on SQL Server 2000, the const 'SQL\_COPT\_SS\_CONNECTION\_DEAD' has a different value than 'SQL\_ATTR\_CONNECTION\_DEAD' (1244 and 1209, respectively).

However, I am still experiencing some strange behaviour.

Using SQLGetConnectAttr with 'SQL\_COPT\_SS\_CONNECTION\_DEAD' on a dead SQL Server connection (i.e. using a SQL Server 2000 driver) I can detect that the connection is dead. After reconnecting however, the function does not detect that the connection is running again, and says that the connection is dead still.

As my system needs to work with Oracle and DB2 connections as well, things get messier.

With DB2, there's no problem, other than I have to use the old const 'SQL\_ATTR\_CONNECTION\_DEAD' to make it work.

With the Oracle driver, neither seem to work.

To sum up:

On SQL Server – I cannot detect that the connection is running again.

On DB2 – fine.

On Oracle – the function always says the connection alive.

Thanks for your help,

Gideon.

"Brannon Jones" <brannonjNOSPAM@gmail.com> wrote in message news:<#mv\$brOnEHA.1412@tk2msftngp13.phx.gbl>...

> *I'm curious what problem you've heard exists with SQL\_ATTR\_CONNECTION\_DEAD?*

>

> *Why do you need to test whether or not the connection is dead? Just try to use it and have the correct error handling in place.*

>

> *What happens if you successfully test that the connection is alive, and then it dies a second later? You have to handle that error case anyway, so why*

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> *worry about testing to see if it's dead or not?*

>

> *Brannon*

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