
Subject: Re: MySqlSession Close and Reconnect crashes Application
Posted by [hoelblin](#) on Sun, 17 Jan 2021 20:30:53 GMT
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Sorry for my late Reply and thanks for all Answers !

I had now time for testing so I have written a small GUI Testapplication where I can
CONNECT, DISCONNECT, RECONNECT, SELECT to a Mysql Database.

When I
CONNECT
SELECT
.....
.....
DISCONNECT
RECONNECT
SELECT
....

all works well, but with
CONNECT
SELECT
.....
.....
DISCONNECT
CONNECT
SELECT -> crashes in String0.isLarge

It is OK for me to use Reconnect but as Alboni and Mirek wrote Connect should also work.
So is still something wrong with my Connect Code ?

TheIDE 15596 from 2020-12-17 Windows with CLANG

Code of the Testapplication

```
mysqltest::mysqltest()
{
    CtrlLayout(*this, "Window title");

    acResult.AddColumn("Text");
    btConnect.WhenAction = THISBACK(mysqlConnect);
    btReConnect.WhenAction = THISBACK(mysqlReconnect);
    btDisconnect.WhenAction = THISBACK(mysqlDisconnect);
    btSelect.WhenAction = THISBACK(mysqlSelect);

    btConnect.Enable();
    btReConnect.Disable();
    btDisconnect.Disable();
}
```

```

    btSelect.Disable();
}

void mysqltest::mysqlConnect()
{
    if(session.Connect("user", "pw", "db", "localhost")) {
        SQL = session;

        btDisconnect.Enable();
        btSelect.Enable();
        btConnect.Disable();

        firstConnect = true;
    } else {
        Exclamation(session.GetLastError());
    }
}

void mysqltest::mysqlReconnect()
{
    if(!session.IsOpen()) {
        if(firstConnect) {
            if(session.Reconnect()) {
                SQL = session;

                btReConnect.Disable();
                btConnect.Disable();
                btSelect.Enable();
                btDisconnect.Enable();

                Exclamation("Reconnect succesfull!");
            } else {
                Exclamation(String() << "Reconnect failed with " << session.GetLastError());
            }
        } else {
            Exclamation("Use Connect first!");
        }
    }
}

void mysqltest::mysqlDisconnect()
{
    if(session.IsOpen()) {
        session.Close();

        acResult.Clear();

        if(!session.IsOpen()) {

```

```

    btConnect.Enable();
    btReConnect.Enable();
    btDisconnect.Disable();
    btSelect.Disable();

    Exclamation("Connection closed!");
} else {
    Exclamation("Connection NOT closed!!!!!!");
}
}
}

```

```

void mysqltest::mysqlSelect()
{
    if(session.IsOpen()) {

        try {
            Sql sql;
            sql.Execute("select name from names");

            if(sql.WasError()) {
                Exclamation(sql.GetLastError());
            } else {
                while(sql.Fetch()) {
                    acResult.Add(sql[0]);
                }
            }
        } catch(SqlExc &ex) {
            Exclamation(ex);
        }
    } else {
        Exclamation("Database not opened!");
    }
}

```

```

GUI_APP_MAIN
{
    mysqltest().Run();
}

```

The Backtrace from the Debugger

```

Upp::String0::IsLarge() at C:\upp\uppsrc\Core\String.h 214
Upp::String0::Free() at C:\upp\uppsrc\Core\String.h 256
Upp::String0::Assign(s=) at C:\upp\uppsrc\Core\String.h 273
Upp::String::operator=(s=) at C:\upp\uppsrc\Core\String.h 376

```

```

Upp::Sql::SetStatement(s=) at C:\upp\uppsrc\Sql\Sql.cpp 105
Upp::Sql::Execute(s=) at C:\upp\uppsrc\Sql\Sql.cpp 166
mysqltest::mysqlSelect() at C:\upp\MyApps\mysqltest\main.cpp 83
Upp::callback<mysqltest,mysqltest>::<unnamed-tag>::operator()() at
C:\upp\uppsrc\Core\CallbackNP.i 38
Upp::Function<void ()>::Wrapper<\lambda at C:\upp\uppsrc\Core\CallbackNP.i:38:17'>::Execute()
at C:\upp\uppsrc\Core\Function.h 17
Upp::Function<void ()>::operator()() at C:\upp\uppsrc\Core\Function.h 76
Upp::Ctrl::Action() at C:\upp\uppsrc\CtrlCore\Ctrl.cpp 474
Upp::Pusher::PerformAction() at C:\upp\uppsrc\CtrlLib\Button.cpp 17
Upp::Pusher::FinishPush() at C:\upp\uppsrc\CtrlLib\Button.cpp 101
Upp::Pusher::LeftUp() at C:\upp\uppsrc\CtrlLib\Button.cpp 58
Upp::Ctrl::MouseEvent(event=145, p=, zdelta=0, keyflags=0) at
C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 169
Upp::Ctrl::MouseEvent0(event=145, p=, zdelta=0, keyflags=0) at
C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 92
Upp::Ctrl::MouseEventH(event=145, p=, zdelta=0, keyflags=0) at
C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 110
Upp::Ctrl::MEvent0(e=145, p=, zd=0) at C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 337
Upp::Ctrl::DispatchMouseEvent(e=145, p=, zd=0) at C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 598
Upp::Ctrl::DispatchMouse(e=145, p=, zd=0) at C:\upp\uppsrc\CtrlCore\CtrlMouse.cpp 588
Upp::Ctrl::DoMouse(e=145, p=, zd=0) at C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 571
Upp::Ctrl::WindowProc(message=514, wParam=0, lParam=5046318) at
C:\upp\uppsrc\CtrlCore\Win32Proc.cpp 136
Upp::TopWindow::WindowProc(message=514, wParam=0, lParam=5046318) at
C:\upp\uppsrc\CtrlCore\TopWin32.cpp 70
Upp::Ctrl::WndProc(hWnd=302bc, message=514, wParam=0, lParam=5046318) at
C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 674
CallWindowProcW()
DispatchMessageW()
Upp::Ctrl::sProcessMSG(msg=) at C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 770
Upp::Ctrl::ProcessEvent(quit=171e47f) at C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 794
Upp::Ctrl::ProcessEvents(quit=171e47f) at C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 808
Upp::Ctrl::EventLoop(ctrl=171e5e8) at C:\upp\uppsrc\CtrlCore\Win32Wnd.cpp 840
Upp::TopWindow::Run(appmodal=0) at C:\upp\uppsrc\CtrlCore\TopWindow.cpp 324
GuiMainFn_() at C:\upp\MyApps\mysqltest\main.cpp 103
Upp::AppExecute__(app=1400022e0) at C:\upp\uppsrc\Core\App.cpp 442
WinMain(hInstance=140000000, lpCmdLine=17cf286 "", nCmdShow=10) at
C:\upp\MyApps\mysqltest\main.cpp 101
WinMainCRTStartup()
WinMainCRTStartup()
BaseThreadInitThunk()
RtlUserThreadStart()

```
