
Subject: MT.cpp __thread sMain related CRASH in VB6 project

Posted by [kohait00](#) on Tue, 15 Dec 2009 15:20:33 GMT

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hi there

got a problem when making a multithreaded DLL which exports stuff and Thread().Start() something. attached is a test environment.

i use the TestDll.dll in a VC6 project, and in a VB6 environment.

while it seems to work in the VC6 project (although Thread::Wait() seems not to work there, but in the other project neither), the app of VB6 crashed at the point in Mt.cpp:137

```
threadr = sMain = true;
```

where it crashes with a access violation. seems to have problems, but why only in VB6??

if i remove the __thread in line 75, it works fine in VB6 also. (i dont use CoreCtrl grafics stuff, only the Core).

any idea why?? help greatly apreciated

I thought of the binding problems. the VC6 project is linked agains the TestDll.lib (static binding, dynamic loading), whereas the VB6 project Declares the Lib function (VB6 only can dynamic binding and dynamic loading)

kostah

PS:

all to reproduce this is found in the test environment.

copy the upproect/TestDll to MyApps and compile with MSC9. (i havent tried this behaviour in MINGW)

the TestDll.dll is compiled using todays current svn release.

File Attachments

1) [TestDllProjects.rar](#), downloaded 530 times
