
Subject: Re: Linking to a .net DLL ?

Posted by [nixnixnix](#) on Thu, 28 Jul 2011 21:12:46 GMT

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Hey Koldo,

Should this work for a .NET compiled DLL? I am trying the following

```
AgiRadar::AgiRadar()
{
// connecting to .net DLL to use the following functions

// Public Shared Function testFunc1() As Integer
//   Return 123
// End Function

// Public Shared Function testFunc2(ByVal x As Double) As Double
//   Return x * x
// End Function

DI turbineSpeedCalc;

String myDllFolder = "D:\\temp\\test\\Debug\\";

////////////////////////////////////

double (*testFunc2)(double);

if (!turbineSpeedCalc.Load(AppendFileName(myDllFolder, "turbineSpeedCalc.dll")))
    throw Exc(Format(t_("% dll not found"), "turbineSpeedCalc"));

testFunc2 = (double (*)(double))turbineSpeedCalc.GetFunction("testFunc2");

if (!testFunc2)
    throw Exc(Format(t_("Function %s was not found in dll"), "testFunc2"));

double argOut = testFunc2(15.0);

String s = Format("answer is %f",argOut);
PromptOK(s);

////////////////////////////////////

int (*testFunc1)();

if (!turbineSpeedCalc.Load(AppendFileName(myDllFolder, "turbineSpeedCalc.dll")))
```

```
        throw Exc(Format(t_("% dll not found"), "turbineSpeedCalc"));

testFunc1 = (int (*)())turbineSpeedCalc.GetFunction("testFunc1");

if (!testFunc1)
    throw Exc(Format(t_("Function %s was not found in dll"), "testFunc1"));

double argOut2 = testFunc1();

s = Format("answer is %f",argOut2);
PromptOK(s);

}
```

is there a way to list the functions available in a DLL? I figure if I can get these simple functions to work then I should be able to pass structs and arrays to real functions.

It successfully finds and loads the DLL but fails to find either function.

Cheers,

Nick