
Subject: CALL_EXTERNAL in idl virtual machine
Posted by [Georg Wiora](#) on Wed, 01 Jun 2005 08:44:25 GMT
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Hi everybody!

I tried to use CALL_EXTERNAL in an application that should run without a license in IDL-virtual machine. When running the program I get an error that "EXECUTE" is disabled in IDL-VM. The point is that there is *no place* where I call execute. Only CALL_EXTERNAL is used to call functions in a (WINDOWS-)DLL. The documentation didn't say anything (at least to me) about a license limitation for CALL_EXTERNAL.

Any idea how to solve this problem? By the way: I can't change the DLL since I don't have the sources.

Thanks for any advice,

Georg

--

I'm not a signature, I'm only cleaning here

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [Haje Korth](#) on Wed, 01 Jun 2005 12:26:00 GMT
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Hm, I thought we discussed this before and came to the conclusion that call externals are allowed in the VM. Have you isolated the violating call? Are you sure it is the call external statement?

Haje

"Georg Wiora" <xorx@quarkbox.de> wrote in message
news:opsronwbpw2yxjyx@news.daimlerchrysler.com...

> Hi everybody!

>

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> license in IDL-virtual machine. When running the program I get an error
> that "EXECUTE" is disabled in IDL-VM. The point is that there is *no
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> about a license limitation for CALL_EXTERNAL.

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> since I don't have the sources.

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> Thanks for any advice,
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> Georg
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> I'm not a signature, I'm only cleaning here

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [Georg Wiora](#) on Wed, 01 Jun 2005 12:51:17 GMT
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Haje Korth <haje.korth@jhuapl.edu> wrote:
> "Georg Wiora" <xorx@quarkbox.de> wrote in message
>> Hi everybody!
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>> license in IDL-virtual machine. When running the program I get an error
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> call externals are allowed in the VM. Have you isolated the violating
> call?
> Are you sure it is the call external statement?

Yes I am. The library I am calling is the avi interface from here:
<http://www.kilvarock.com/freesoftware/dlms/avi.htm>
I used version 5.5 and 5.6.

There is another version of this as DLM from RSI
<http://www.rsinc.com/codebank/search.asp?FID=139>
which I have not tried yet.

Georg

--

Ozzsig: "There is no sig like home sig"

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [R.G. Stockwell](#) on Wed, 01 Jun 2005 14:53:59 GMT

"Georg Wiora" <xorx@quarkbox.de> wrote in message
news:opsrozbrys2yxjyx@news.daimlerchrysler.com...

...
> Yes I am. The library I am calling is the avi interface from here:
> <http://www.kilvarock.com/freesoftware/dlms/avi.htm>
> I used version 5.5 and 5.6.
...
> Georg

Hi,
I have used the AVI dlm, dll and have successfully used it with the
virtual machine.
I can post (or email) the sav file if anyone wants to check it out.
It is an embarrassingly simple gui that reads in jpgs or pngs, and creates an
avi.

Cheers,
bob

PS is there an execute function somewhere hidden in one of
your called files? I use the dlm with
"BUILD_DATE MARCH 2002"
and I think I am using the latest (aviIDL56.zip).
Also, what version of the VM do you have?

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [Rick Towler](#) on Wed, 01 Jun 2005 15:56:11 GMT
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Georg Wiora wrote:
> Haje Korth wrote:
>
>> "Georg Wiora" wrote in message
>>
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> <http://www.rsinc.com/codebank/search.asp?FID=139>
> which I have not tried yet.

These .dlms should work fine. I have used them extensively in VM applications. There must be something else causing this.

-Rick

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [Haje Korth](#) on Wed, 01 Jun 2005 16:53:51 GMT
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I don't get it, the avi dlm is what it is: a DLM. I am not sure why you need call external? On IDL start, IDL will scan for DLMS. The commands from the DLM are indistinguishable from native IDL routines and should work just fine. Can you post your code?

Haje

"Georg Wiora" <xorx@quarkbox.de> wrote in message
news:opsrozbrys2yxjyx@news.daimlerchrysler.com...

> Haje Korth <haje.korth@jhupl.edu> wrote:

>> "Georg Wiora" <xorx@quarkbox.de> wrote in message

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>>>

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> Ozzsig: "There is no sig like home sig"

Subject: Re: CALL_EXTERNAL in idl virtual machine
Posted by [Georg Wiora](#) on Tue, 07 Jun 2005 09:29:36 GMT
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Rick Towler <rick.towler@nomail.noaa.gov> wrote:
> These .dlms should work fine. I have used them extensively in VM
> applications. There must be something else causing this.

Hi Rick!

You where right. The object oriented part of IDL uses the "Execute"
feature to resolve and compile new classes
The point is, that I wrote a class that is calling the DLM.

You need to compile (only custom?) classes explicitly to include them in
the save-files. I think is is a field where RSI should provide a
"RESOLVE_REALLY_EVERYTHING" procedure instead of "RESOLVE_ALL" which isn't
very helpfull. Although the error message of the VM did not help to find
the cause of problem.

Regards,

Georg

--

Georg - Eine vermeidbare Folge der gauß'schen Fehlerfortpflanzung
