## 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 View Forum Message <> Reply to Message

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

>

> Thanks for any advice,
> Georg
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Subject: Re: CALL\_EXTERNAL in idl virtual machine Posted by Georg Wiora on Wed, 01 Jun 2005 12:51:17 GMT View Forum Message <> Reply to Message

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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>>

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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 embarrasingly 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 View Forum Message <> Reply to Message

Georg Wiora wrote:

> Haje Korth wrote:

>

>> "Georg Wiora" wrote in message

>>

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- > http://www.kilvarock.com/freesoftware/dlms/avi.htm
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- > 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.

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 View Forum Message <> Reply to Message

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@jhuapl.edu> wrote:
- >> "Georg Wiora" <xorx@quarkbox.de> wrote in message
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> Georg
> -> 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 View Forum Message <> Reply to Message

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. Althoug the error message of the VM did not help to find the cause of problem.

Regards,

Georg

Georg - Eine vermeidbare Folge der gau�schen Fehlerfortpflanzung