
Subject: Re: Upgraded to IDL 5.6, now having problem w/ linkimage
Posted by [Hugh D. R. Evans](#) on Sat, 15 Mar 2003 18:12:08 GMT
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Are you passing strings back and forth?

From IDL 5.4 to IDL 5.5 they changed the maximum size of a string from 65534 to $2^{31}-1$. This means that the structure used to pass the string back and forth has a different sized stringlength field.

Might be the problem.

Regards,
Hugh

"K Banerjee" <kbanerjee@ucwphilly.rr.com> wrote in message
news:RSJca.137731\$Se4.11702180@twister.southeast.rr.com...

> Folks,
>
> We upgraded from IDL 5.3 to IDL 5.6 and use several functions
> from a shared object file. We use LINKIMGAE to tell IDL about
> the functions from the shared object file. With IDL 5.3, everything
> worked. Now we are getting a core dump with IDL 5.6. Has LINKIMAGE
> changed in any way between 5.3 and 5.6?
>
> Thanks.
>
> K. Banerjee

Subject: Re: Upgraded to IDL 5.6, now having problem w/ linkimage
Posted by [David Fanning](#) on Sat, 15 Mar 2003 18:15:35 GMT
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K Banerjee (kbanerjee@ucwphilly.rr.com) writes:

> We upgraded from IDL 5.3 to IDL 5.6 and use several functions
> from a shared object file. We use LINKIMGAE to tell IDL about
> the functions from the shared object file. With IDL 5.3, everything
> worked. Now we are getting a core dump with IDL 5.6. Has LINKIMAGE
> changed in any way between 5.3 and 5.6?

The definition of string length changed:

http://www.dfanning.com/misc_tips/callexternal55.html

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Upgraded to IDL 5.6, now having problem w/ linkimage
Posted by [K Banerjee](#) on Sat, 15 Mar 2003 20:02:52 GMT

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Hugh D. R. Evans <spam@hevans.xs4all.nl> wrote:

> Are you passing strings back and forth?

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> to $2^{31}-1$. This means that the structure used to pass the string back and
> forth has a different sized stringlength field.

> Might be the problem.

> Regards,
> Hugh

I believe I have the solution. I just needed to recompile with
the new export.h header file. Thanks.

> "K Banerjee" <kbanerjee@ucwphilly.rr.com> wrote in message
> news:RSJca.137731\$Se4.11702180@twister.southeast.rr.com...

>> Folks,

>>

>> We upgraded from IDL 5.3 to IDL 5.6 and use several functions
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>>

>> K. Banerjee
