Subject: Re: Upgraed 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 IDI 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 wat between 5.3 and 5.6?

>

> Thanks.

>

> K. Banerjee

Subject: Re: Upgraed to IDL 5.6, now having problem w/ linkimage Posted by David Fanning on Sat, 15 Mar 2003 18:15:35 GMT View Forum Message <> Reply to Message

K Banerjee (kbanerjee@ucwphilly.rr.com) writes:

- > We upgraded from IDL 5.3 to IDI 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 wat 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: Upgraed to IDL 5.6, now having problem w/ linkimage Posted by K Banerjee on Sat, 15 Mar 2003 20:02:52 GMT View Forum Message <> Reply to Message

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

- > 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

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 IDI 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 wat between 5.3 and 5.6?
- >>
- >> Thanks.
- >>
- >> K. Banerjee