
Subject: Re: LinkImage question

Posted by [davidf](#) on Mon, 15 Jan 2001 20:50:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

Stuart Colley (src@zupcx6.star.ucl.ac.uk) writes:

> I've written a function in C that I can access from within IDL using
> LinkImage, but if I change the function, recompile it, and re-issue the
> LinkImage command, IDL does not use the updated function but the original
> function. Is there anyway of getting IDL to use the new function without
> exiting and restarting IDL?

IDL> .Reset_Session

In IDL 5.3 and higher.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: LinkImage question

Posted by [davidf](#) on Mon, 15 Jan 2001 22:20:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

David Fanning (davidf@dfanning.com) writes:

> Stuart Colley (src@zupcx6.star.ucl.ac.uk) writes:
>
>> I've written a function in C that I can access from within IDL using
>> LinkImage, but if I change the function, recompile it, and re-issue the
>> LinkImage command, IDL does not use the updated function but the original
>> function. Is there anyway of getting IDL to use the new function without
>> exiting and restarting IDL?
>
> IDL> .Reset_Session
>
> In IDL 5.3 and higher.

Whoops! I'm reliably informed that this should be:

IDL> .Full_Reset_Session

And that it is not guaranteed to work on all platforms. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: LinkImage question

Posted by [src](#) on Tue, 16 Jan 2001 18:34:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Mon, 15 Jan 2001, David Fanning wrote:

>

> IDL> .Reset_Session

>

> In IDL 5.3 and higher.

>

Are you sure? We have have v5.3 but it doesn't seem to work?

I was also playing with some of the examples given in chapter 18 of the External Development Guide (edg.pdf). In particular, the fzroots2.c example, the example works fine, but I can't see where zroots_f and zroots_d are coming from. They're not declared in export.h, or nr.h, and they're defined elsewhere in the source file, so do these functions exist with IDL and are being called by fzroots2.c? If this was the case I would have expected they procedures described in chapters 19 & 20 (Callable IDL) to have been followed, but this doesn't seem to be the case.

cheers,

Stuart

Subject: Re: LinkImage question

Posted by [davidf](#) on Tue, 16 Jan 2001 19:04:19 GMT

[View Forum Message](#) <> [Reply to Message](#)

src (src@ubiquity.ulo.ucl.ac.uk) writes:

> On Mon, 15 Jan 2001, David Fanning wrote:

```
>>  
>> IDL> .Reset_Session  
>>  
>> In IDL 5.3 and higher.  
>>  
> Are you sure? We have have v5.3 but it doesn't seem to work?
```

Maybe you missed my follow-up article. This should have been `.FULL_RESET_SESSION`, and it is not **guaranteed** to work with all operating systems.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155
