
Subject: Re: Object method compiling

Posted by [Gert Van de Wouwer](#) on Wed, 13 Feb 2002 13:00:21 GMT

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try .reset and recompile

"Harald Jeszenszky" <harald.jeszenszky@oeaw.ac.at> wrote in message
news:3c6a4421.93011703@news.oeaw.ac.at...

> Hi,

>

> I have defined an object and all methods are located in the same
> <object>__define.pro file. When I create a new instance of the object
> for the first time, the routine <object>__define is compiled and the
> method <objects>::INIT is executed properly. When destroying the
> object the <objects>::CLEANUP routine is executed. All other methods
> are not compiled and therefore unknown to IDL.

>

> Is there a way to automatically compile all other methods of the
> object (e.g. by using RESOLVE_ROUTINE in the <object>__define
> routine)?

>

> Many thanks in advance

> Harald

>

Subject: Re: Object method compiling

Posted by [David Fanning](#) on Wed, 13 Feb 2002 13:27:36 GMT

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Harald Jeszenszky (harald.jeszenszky@oeaw.ac.at) writes:

> I have defined an object and all methods are located in the same
> <object>__define.pro file. When I create a new instance of the object
> for the first time, the routine <object>__define is compiled and the
> method <objects>::INIT is executed properly. When destroying the
> object the <objects>::CLEANUP routine is executed. All other methods
> are not compiled and therefore unknown to IDL.

It sounds to me like the <object>__define module is
not the LAST module in the file, as it should be.
Otherwise, it is hard to imagine how anything like
this could happen. Remember, in automatic compilation,
IDL will search through and compile modules UNTIL it
gets the module with the right name. If this is the
LAST module, all is well. If it is not, then all the
modules below this module in the file cannot be found.
You want to get all your modules compiled when you

create the object (i.e., execute the <object>__define module.)

- > Is there a way to automatically compile all other methods of the
- > object (e.g. by using RESOLVE_ROUTINE in the <object>__define
- > routine)?

This really should not be required if the object code is structured properly. Beyond putting the <object>__define module last in the file, I typically assemble the rest of the modules alphabetically (so I can find them easily), but all this is completely arbitrary and up to you.

Cheers,

David

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Subject: Re: Object method compiling
Posted by [harald.jeszenszky](#) on Wed, 13 Feb 2002 15:28:55 GMT
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I have tried to put the <object>__define routine last in the file but it didn't work even when resetting the IDL session (Run->Reset). After terminating and starting the IDL session again it worked.

Thank you for the tip
Harald

Subject: Re: Object method compiling
Posted by [David Fanning](#) on Wed, 13 Feb 2002 15:37:45 GMT
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Harald Jeszenszky (harald.jeszenszky@oeaw.ac.at) writes:

- >
- > I have tried to put the <object>__define routine last in the file but
- > it didn't work even when resetting the IDL session (Run->Reset). After
- > terminating and starting the IDL session again it worked.

Reset->Run would have been better. But I think you have things sorted now. :-)

Cheers,

David

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David W. Fanning, Ph.D.

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