
Subject: Re: resolve_routine and the IDL search path
Posted by [R.Bauer](#) on Fri, 27 Jun 2003 13:56:35 GMT
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Rob Dimeo wrote:

> Hi,
>
> I am having (what I believe are) path resolution difficulties. In a
> runtime widget program I wish to have the user type in their own .PRO
> file, save it, and press a button to compile it and run it. In a
> fitting application I am working on I want the user to be able to
> write their own complex fitting functions in IDL syntax that can be
> compiled after the runtime application has been launched. When I run
> this application in the IDLDE there are no problems because the new
> .PRO file can be found and can be compiled with RESOLVE_ROUTINE. I
> can then run the program by using CALL_PROCEDURE. However when I run
> the program as a runtime application from a .SAV file I always get an
> error message stating that states "ATTEMPT TO CALL UNDEFINED
> PROCEDURE/FUNCTION: <.pro filename>".

Dear Rob,

it is not possible to compile during runtime another routine,
if the routine is already compiled and stored you can use this.

Please have a look at the thread IDL Virtual machine information.
There is already explained why EXECUTE does not work the same rules
are given for resolve_routine.

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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Subject: Re: resolve_routine and the IDL search path
Posted by [robert.dimeo](#) on Fri, 27 Jun 2003 17:18:34 GMT

Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
news:<bdhie\$jfp\$1@zam602.zam.kfa-juelich.de>...

>
> Dear Rob,
>
> it is not possible to compile during runtime another routine,
> if the routine is already compiled and stored you can use this.
>
> Please have a look at the thread IDL Virtual machine information.
> There is already explained why EXECUTE does not work the same rules
> are given for resolve_routine.
>
> Reimar
>
>
Dear Reimar,

Thanks for the message and explanation. However I am a bit confused
by this inability. I am trying to get this functionality into our
distribution that has an embedded IDL license so I am surprised that
this shouldn't work. Moreover there is a package called LAMP (written
in IDL) at the ILL (Institut-Laue Langevin) that has exactly this
capability. See http://www.ill.fr/data_treat/lamp/front.html. I have
tried looking through the source code for the relevant bits but have
had little success (the source code is somewhat daunting).

Thanks,

Rob

Subject: Re: resolve_routine and the IDL search path
Posted by [robert.dimeo](#) on Fri, 27 Jun 2003 18:56:12 GMT

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Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
news:<bdhie\$jfp\$1@zam602.zam.kfa-juelich.de>...

> Rob Dimeo wrote:
> Dear Rob,
>
> it is not possible to compile during runtime another routine,
> if the routine is already compiled and stored you can use this.
>
> Reimar
>

Thanks Reimar,

Ignore my previous posting concerning the LAMP package at the ILL. I jumped the gun. It turns out the compilation feature I sought is disabled for their embedded license runtime distribution. If you are running the program from the IDLDE then you have the compilation option.

Regards,

Rob

Subject: Re: resolve_routine and the IDL search path
Posted by [R.Bauer](#) on Fri, 27 Jun 2003 19:48:41 GMT
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Rob Dimeo wrote:

> Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
> news:<bdhiejsf\$psp\$1@zam602.zam.kfa-juelich.de>...
>> Rob Dimeo wrote:
>> Dear Rob,
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>> it is not possible to compile during runtime another routine,
>> if the routine is already compiled and stored you can use this.
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>> Reimar
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> Thanks Reimar,
>
> Ignore my previous posting concerning the LAMP package at the ILL. I
> jumped the gun. It turns out the compilation feature I sought is
> disabled for their embedded license runtime distribution. If you are
> running the program from the IDLDE then you have the compilation
> option.
>
> Regards,
>
> Rob

Dear Rob,

what's the difference between runtime and embedded?

Reimar

--

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
