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

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:<bdhiej\$fpsp\$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 View Forum Message <> Reply to Message

Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message news:<bdhiej\$fpsp\$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 View Forum Message <> Reply to Message

Rob Dimeo wrote:

- Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
 news:<bdhiej\$fpsp\$1@zam602.zam.kfa-juelich.de>...
 Rob Dimeo wrote:
 Dear Rob,
 it is not possible to compile during runtime another routine,
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 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

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/

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