
Subject: Re: Complete IDL application in a single file?
Posted by [Andy Loughe](#) on Mon, 20 Nov 1995 08:00:00 GMT
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H.-M. v.Stockhausen wrote:

>
> Hi,
>
> Is there a way to combine all the procedures and functions of a larger application into a single
file ?
>
> All suggestions are much appreciated,
> Hans-Martin.

cat

--

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Subject: Re: Complete IDL application in a single file?
Posted by [rivers](#) on Mon, 20 Nov 1995 08:00:00 GMT
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In article <30B01C24.158E@pet.mpin-koeln.mpg.de>, "H.-M. v.Stockhausen"
<stockh@pet.mpin-koeln.mpg.de> writes:

> Hi,
>
> Is there a way to combine all the procedures and functions of a larger
> application into a single file ?
>

Yes, just put them into a single file.

The only trick is to get IDL to compile all the procedures in that file.
There are 2 approaches to this:

- If the package has a single "user-callable" procedure or function
(as opposed to "private" procedures), or at least a single procedure or
function which is always called first, then do the following:
(Assume that procedure or function is called MY_PROGRAM)
 - Name the file MY_PROGRAM.PRO
 - Put procedure or function MY_PROGRAM as the last one in the file.

If you do this then the first time MY_PROGRAM is called, IDL will find file MY_PROGRAM.PRO and compile all procedures and functions in that file until it finds the one called MY_PROGRAM.

- If the file has more than one "user-callable" entry point, then put the following line in your IDL_STARTUP procedure:
 - .RUN MY_PROGRAM

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Subject: Re: Complete IDL application in a single file?
Posted by [Adam Shane](#) on Tue, 21 Nov 1995 08:00:00 GMT
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"H.-M. v.Stockhausen" <stockh@pet.mpin-koeln.mpg.de> wrote:

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> Hi,
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> Is there a way to combine all the procedures and functions of a larger application into a single file ?
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Yes, the application will be self-compiling if you make sure the procedures and functions are in the file in the reverse order of which they are called. For instance, the main procedure or function should be the last in the file, any procedures/functions called from this level should be before the main and so on.

Adam Shane
shane@arete.com

Subject: Re: Complete IDL application in a single file?
Posted by [Adam Fedor](#) on Tue, 21 Nov 1995 08:00:00 GMT
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There was a package written awhile ago called "idltags" by Andrew T. Shapiro at the University of Colorado. Unfortunately, I don't know where I originally got it from or where it might be available.

I also made some slight modifications to it and e-mailed the author about it, but he never replied.

Basically it does several things, including indexing your pro files, and creating a dependency list, and from there, creates an IDL script to compile all the files into one module.

I've put the copy I have, in addition to a new copy with my changes at

<ftp://www.ocs.colorado.edu/pub/idltags.tar.gz>

<ftp://www.ocs.colorado.edu/pub/idltags-A.tar.gz>

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