
Subject: Re: Automatically Compiling IDL
Posted by [Robert Moss](#) on Wed, 14 Feb 1996 08:00:00 GMT
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What you want to use are the RESOLVE_ROUTINE and RESOLVE_ALL procedures, which allow you to compile routines from within a procedure or function. See the online documentation for more information.

Robert Moss, Ph.D.
Texaco Inc.
mossrn@texaco.com

Justin Baker wrote:

>
> I am trying to write a simple routine to automatically compile all of my
> IDL routines for a single application and then save the compiled result.
>
> I want to do this so that I can use an XDR format file
> instead of having to re-compile every routine each time I run my
> application.
>
> I have tried something like the following :
>
> pro compileall
> .compile myprint mydisplay mycalc mygui
> save, filename='myprog.dat', /routines
> end
>
> Unfortunately, when I try and run "compileall", IDL doesn't understand
> the .compile command.
>
> Is it possible to do what I want from a procedure (or batch file), or do
> I have to do the above interactively ?
>
> Thanks in advance,
> Justin.
>
> --
> Justin Baker
> Bureau of Meteorology
> Melbourne
> Australia
> Email: justinb@bom.gov.au

This does not necessarily reflect the views of Texaco Inc.

Subject: Re: Automatically Compiling IDL

Posted by [Ken Knighton](#) on Thu, 15 Feb 1996 08:00:00 GMT

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Justin Baker <justinb@bom.gov.au> wrote:

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> IDL routines for a single application and then save the compiled result.

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> Unfortunately, when I try and run "compileall", IDL doesn't understand
> the .compile command.

>

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> I have to do the above interactively ?

You can use a batch file, for example:

```
;mycompile.bat  
;  
;Compile all of the routines used in my application and save them to  
;a .XDR file.
```

```
COMPILE myprint mydisplay mycalc mygui
```

```
SAVE, /ROUTINES, FILENAME='myprog.xdr'
```

```
EXIT
```

Then you can execute this file by:

```
IDL mycompile.bat
```

or

```
IDL> @mycompile.bat
```

To execute the program that has been compiled you can make another batch file:

```
;myprog.bat
;
;Load and execute my program

RESTORE, 'myprog.xdr'      ;Restore the compiled routines
mygui                    ;Execute the procedure that starts
                        ;everything up
EXIT                      ;Exit IDL when everything is done
```

This can be executed in the same manner as above.

I hope this helps.

Ken Knighton knighton@gav.gat.com knighton@cts.com
General Atomics
San Diego CA

Subject: Re: Automatically Compiling IDL
Posted by [James Tappin](#) on Fri, 16 Feb 1996 08:00:00 GMT
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Justin Baker <justinb@bom.gov.au> wrote:

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> --
> Justin Baker
> Bureau of Meteorology
> Melbourne
> Australia
> Email: justinb@bom.gov.au

A batch file will do the job you want. Just create a file with the list of names each preceded by ".r" and the use @<filename>

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