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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.  
mossrm@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](mailto:justinb@bom.gov.au)> wrote:

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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

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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](mailto: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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