
Subject: Re: Problem with creating executable files for scripts using envi functions
Posted by [natha](#) on Wed, 09 Jun 2010 20:53:10 GMT

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```
## example of my_program.g ##  
.r routine_a  
.r routine_b  
.r routine_c
```

```
.r my_program  
my_program  
#####
```

```
@my_program.g  
resolve_all  
save, file='my_program.sav', /routines
```

And then, in the bash file:

```
idl -rt=my_program
```

I don't know if I understand your problem but I never had problems doing this.

nata

Subject: Re: Problem with creating executable files for scripts using envi functions
Posted by [laureroupioz](#) on Thu, 10 Jun 2010 15:22:52 GMT

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Thank you for your reply Nata!

Even with those steps, I run into troubles because of the `resolve_all` that was giving an error and then the runtime application that was getting stuck at the first ENVI routine without giving any error messages... Finally, thanks to a colleague (thank you Allard), the problem was solved so here are the steps to create an executable file for a script calling ENVI routines, it may be of some help. The main point is that the “`envi, /restore_base_save_files`” and “`envi_batch_init`” should appear in the “main” procedure as well as before compiling the procedures.

1. Write a main program that calls the application program (in this case `app_condor`):

```
PRO Main  
  envi, /restore_base_save_files
```

```
envi_batch_init
app_condor
END
```

2. Define your current working directory according to where your application program is located if different.

3. In a new IDL tab type the following:

```
envi, /restore_base_save_files
envi_batch_init
.comp app_condor
.comp main
resolve_all, /continue_on_error ;to overcome the resolve_all problem
save, /routines, filename='main.sav'
```

Send to the IDL command line by typing: @make_idlrtsave.pro

Your “main.sav” is then created !
