Subject: Re: compile and execute from the command line Posted by Michael Galloy on Wed, 28 Sep 2011 16:29:05 GMT

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```
On 9/28/11 8:01 AM, nata wrote:
> Hello guys,
>
> Is it possible to compile and execute a routine from the command line
> without using a SAV file?
> I am trying to find a combination of options to do what I want but I
> don't actually know if this is possible. Something like:
> idl -e "@compile_all.g& CALL_ROUTINE"
>
> or
>
> idl -batch @compile_all.g -e "CALL_ROUTINE"
> Nothing works!
> I would like to avoid the creation of the sav file. Thank you for your
> help,
> nata
```

I assume you need to do the compilation step because the routines and files are not named properly, so that the following doesn't automatically compile everything?

```
idl -e "MY ROUTINE"
```

If so, I would fix the filenames if that is possible. But if that is not an option, then I would create a batch file, call it my_batch.pro, that contained:

```
@compile_all.g
MY ROUTINE
exit
```

Then call that with:

idl my batch

Mike

Michael Galloy www.michaelgalloy.com Modern IDL, A Guide to Learning IDL: http://modernidl.idldev.com Research Mathematician

Subject: Re: compile and execute from the command line Posted by natha on Wed, 28 Sep 2011 16:43:28 GMT View Forum Message <> Reply to Message

Thank you for your reply Michael.

The problem was that the routine is not placed in the current directory so if I do idl -e "MY_ROUTINE" IDL won't find the routine and won't compile it automatically.

The solution I found is:

```
routine_path=ROUTINE_FILEPATH('MY_ROUTINE')
idl -e "CD, "'+FILE_DIRNAME(routine_path)+" & MY_ROUTINE"
```

Cheers, nata

```
On Sep 28, 12:29 pm, Michael Galloy <mgal...@gmail.com> wrote:
 On 9/28/11 8:01 AM, nata wrote:
>
>
>
>
>
>
>
>
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>
>
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  an option, then I would create a batch file, call it my_batch.pro, that
  contained:
>
>
    @compile_all.g
    MY_ROUTINE
>
    exit
>
>
  Then call that with:
>
    idl my batch
>
>
 Mike
> Michael Galloywww.michaelgalloy.com
> Modern IDL, A Guide to Learning IDL:http://modernidl.idldev.com
> Research Mathematician
```

Subject: Re: compile and execute from the command line Posted by Michael Galloy on Wed, 28 Sep 2011 17:18:17 GMT View Forum Message <> Reply to Message

On 9/28/11 10:43 AM, nata wrote:

> Thank you for your reply Michael.

>

- > The problem was that the routine is not placed in the current
- > directory so if I do idl -e "MY_ROUTINE" IDL won't find the routine
- > and won't compile it automatically.

And it's not in your !path?

> Tech-X Corporation

Mike

--

Michael Galloy www.michaelgalloy.com

Subject: Re: compile and execute from the command line Posted by natha on Thu, 29 Sep 2011 02:05:19 GMT View Forum Message <> Reply to Message

On Sep 28, 1:18 pm, Michael Galloy <mgal...@gmail.com> wrote:

> On 9/28/11 10:43 AM, nata wrote:

>

>> Thank you for your reply Michael.

>

- >> The problem was that the routine is not placed in the current
- >> directory so if I do idl -e "MY_ROUTINE" IDL won't find the routine
- >> and won't compile it automatically.

>

> And it's not in your !path?

>

- > Mike
- > --
- > Michael Galloywww.michaelgalloy.com
- > Modern IDL, A Guide to Learning IDL:http://modernidl.idldev.com
- > Research Mathematician
- > Tech-X Corporation

Not in this case!

Subject: Re: compile and execute from the command line Posted by Craig Markwardt on Thu, 29 Sep 2011 02:08:18 GMT View Forum Message <> Reply to Message

On Sep 28, 12:43 pm, nata

 dernat.puigdomen...@gmail.com> wrote:

> Thank you for your reply Michael.

>

- > The problem was that the routine is not placed in the current
- > directory so if I do idl -e "MY_ROUTINE" IDL won't find the routine
- > and won't compile it automatically.
- > The solution I found is:

>

- > routine_path=ROUTINE_FILEPATH('MY_ROUTINE')
- > idl -e "CD, "'+FILE_DIRNAME(routine_path)+" & MY_ROUTINE"

> Cheers,

> nata

Maybe COMPILE_FILE will do the trick? http://www.physics.wisc.edu/~craigm/idl/misc.html

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