
Subject: Problem with compiling ENVI-BATCH routine
Posted by [Josip Krizan](#) on Wed, 08 Nov 2006 11:26:21 GMT
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Hi!

I have write some procedure :

PRO, Something

```
compile_opt IDL2
envi, /restore_base_save_files
envi_batch_init, log_file='batch_log.txt'

;open some file
ENVI_OPEN_FILE, inImage, R_FID=fidImg

;get map info
mapImg = ENVI_GET_MAP_INFO(FID=fidImg)

; get data
mask = ENVI_GET_DATA(FID=fidImg, DIMS=dimsImg, POS=0)

....
envi_batch_exit
END
```

Compiling of this procedure throws syntax error on all lines with ENVI_GETMAP_INFO and ENVI_GET_DATA.
Solution is to run command: 'envi, /restore_base_save_files' first, and then compiling is done without errors.

Does anybody has any idea about this?

Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [enod](#) on Sat, 11 Nov 2006 11:43:55 GMT
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You should use *FORWARD_FUNCTION* to tell IDL to ignore those ENVI's function when it compiles the source. See IDL's oneline_help for more information.

Tian

On Nov 8, 7:26 pm, Josip Krizan <jkri...@oikon.hr> wrote:
> Hi!

>
> I have write some procedure :
>
> PRO, Something
>
> compile_opt IDL2
> envi, /restore_base_save_files
> envi_batch_init, log_file='batch_log.txt'
>
> ;open some file
> ENVI_OPEN_FILE, inImage, R_FID=fidImg
>
> ;get map info
> mapImg = ENVI_GET_MAP_INFO(FID=fidImg)
>
> ; get data
> mask = ENVI_GET_DATA(FID=fidImg, DIMS=dimsImg, POS=0)
>
>
> envi_batch_exit
> END
>
> Compiling of this procedure throws syntax error on all lines with
> ENVI_GETMAP_INFO and ENVI_GET_DATA.
> Solution is to run command: 'envi, /restore_base_save_files' first, and
> then compiling is done without errors.
>
> Does anybody has any idea about this?

Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [Josip Krizan](#) on Sat, 11 Nov 2006 11:50:25 GMT
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Yes!
That solves my problem:
FORWARD_FUNCTION ENVI_GET_DATA, ENVI_GET_MAP_INFO
Thanks!

On 11 Nov 2006 03:43:55 -0800, tianyf@gmail.com wrote:

> You should use *FORWARD_FUNCTION* to tell IDL to ignore those ENVI's
> function when it compiles the source. See IDL's oneline_help for more
> information.
>
>
> Tian
>

Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [David Fanning](#) on Sat, 11 Nov 2006 12:34:32 GMT
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Josip Krizan writes:

> That solves my problem:
> FORWARD_FUNCTION ENVI_GET_DATA, ENVI_GET_MAP_INFO
> Thanks!

Well, careful here. I'm not so sure this solves
the problem as much as it simply postpones it. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
