
Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [David Fanning](#) on Wed, 08 Nov 2006 14:04:50 GMT
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Josip Krizan writes:

```
> 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
>   ....
>   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?
```

You do not have ENVI source files, so no files that can be "compiled". ENVI is distributed as IDL "save" files. In other words, the ENVI routines are distributed as already-compiled routines. But to access them, you have to bring them into the IDL "procedure space". You do this by "restoring" the IDL save files. This is the purpose of the 'envi, /restore_base_save_files' command.

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.")

Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [Josip Krizan](#) on Wed, 08 Nov 2006 14:50:45 GMT

On Wed, 8 Nov 2006 07:04:50 -0700, David Fanning wrote:

```
> Josip Krizan writes:
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> to bring them into the IDL "procedure space". You do this
> by "restoring" the IDL save files. This is the purpose
> of the 'envi, /restore_base_save_files' command.
>
> Cheers,
>
> David
```

I thought so, but why then I can access ENVI_OPEN_FILE, ENVI_DOIT, and others?

Subject: Re: Problem with compiling ENVI-BATCH routine
Posted by [David Fanning](#) on Wed, 08 Nov 2006 15:10:04 GMT
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Josip Krizan writes:

> I thought so, but why then I can access ENVI_OPEN_FILE, ENVI_DOIT, and
> others?

I'm not sure I understand this question. You can access them because after you restore the save files, these routines exist in your IDL session as if you had compiled them.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
