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:
>
>> 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
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 View Forum Message <> Reply to Message

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

--

Coyote's Guide to IDL Programming: http://www.dfanning.com/

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