
Subject: IDL code running error in envi environment(ENVI + IDL)
Posted by [SUNIL CHOUDHURY](#) on Thu, 26 Jun 2014 08:51:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Everyone,

while running the code in ENVI + IDL , I am getting an error, and I am not able to under stand the reson why the code is not working properly.
Though I have written everything correctly.
Kindly help me.

I am attaching the code and the error which I am getting for reference.

CODE -

```
pro bstats
ENVI, /RESTORE_BASE_SAVE_FILES
ENVI_BATCH_INIT, LOG_FILE = 'batch.log'
ENVI_OPEN_FILE, 'C:\Users\Sachin\Desktop\atvshot.jpg', r_fid=fid
IF (fid EQ -1) THEN BEGIN
ENVI_BATCH_EXIT
RETURN
ENDIF
ENVI_FILE_QUERY, fid, NB = nb
pos = LINDGEN(nb)
ENVI_DOIT, 'envi_stats_doit', $
FID = fid, POS = pos, DIMS = dims, $
DMIN = dmin, DMAX = dmax, MEAN = mean, $
STDV = stdv, COMP_FLAG = 1
; make sure each one is defined on the return
PRINT, dmin, dmax, mean, stdv
; Exit ENVI
ENVI_BATCH_EXIT
END
```

Error which I am getting -

```
IDL>bstats
% Procedure was compiled while active: BSTATS. Returning.
% Compiled module: BSTATS.
% Can't continue from this point.
% Error occurred at: $MAIN$
% Execution halted at: $MAIN$
IDL>
```

Subject: Re: IDL code running error in envi environment(ENVI + IDL)
Posted by skymaxwell@gmail.com on Fri, 27 Jun 2014 04:58:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Good day !

I didn't get the same error in your code on my ENVI+IDL.
Which version of ENVI and IDL do you use ?

But I catch another error - you missed DIMS keyword in ENVI_FILE_QUERY routine
You can fix it by ENVI_FILE_QUERY, fid, NB = nb, DIMS=dims

Now your code works fine.

> Hello Everyone,
>
>
>
> while running the code in ENVI + IDL , I am getting an error, and I am not able to under stand
the reson why the code is not working properly.
>
> Though I have written everything correctly.
>
> Kindly help me.
>
>
>
> I am attaching the code and the error which I am getting for reference.
>
>
>
> CODE -
>
>
>
> pro bstats
>
> ENVI, /RESTORE_BASE_SAVE_FILES
>
> ENVI_BATCH_INIT, LOG_FILE = 'batch.log'
>
> ENVI_OPEN_FILE, 'C:\Users\Sachin\Desktop\atvshot.jpg',r_fid=fid
>
> IF (fid EQ -1) THEN BEGIN

```
>
> ENVI_BATCH_EXIT
>
> RETURN
>
> ENDIF
>
> ENVI_FILE_QUERY, fid, NB = nb
>
> pos = LINDGEN(nb)
>
> ENVI_DOIT, 'envi_stats_doit', $
>
> FID = fid, POS = pos, DIMS = dims, $
>
> DMIN = dmin, DMAX = dmax, MEAN = mean, $
>
> STDV = stdv, COMP_FLAG = 1
>
> ; make sure each one is defined on the return
>
> PRINT, dmin, dmax, mean, stdv
>
> ; Exit ENVI
>
> ENVI_BATCH_EXIT
>
> END
>
>
>
>
> Error which I am getting -
>
>
>
> IDL>bstats
>
> % Procedure was compiled while active: BSTATS. Returning.
>
> % Compiled module: BSTATS.
>
> % Can't continue from this point.
>
> % Error occurred at: $MAIN$
>
> % Execution halted at: $MAIN$
```



```
>
>>
>
>> Though I have written everything correctly.
>
>>
>
>> Kindly help me.
>
>>
>
>>
>
>>
>
>> I am attaching the code and the error which I am getting for reference.
>
>>
>
>>
>
>>
>
>> CODE -
>
>>
>
>>
>
>>
>
>> pro bstats
>
>>
>
>> ENVI, /RESTORE_BASE_SAVE_FILES
>
>>
>
>> ENVI_BATCH_INIT, LOG_FILE = 'batch.log'
>
>>
>
>> ENVI_OPEN_FILE, 'C:\Users\Sachin\Desktop\atvshot.jpg', r_fid=fid
>
>>
>
>> IF (fid EQ -1) THEN BEGIN
```

```
>
>>
>
>> ENVI_BATCH_EXIT
>
>>
>
>> RETURN
>
>>
>
>> ENDIF
>
>>
>
>> ENVI_FILE_QUERY, fid, NB = nb
>
>>
>
>> pos = LINDGEN(nb)
>
>>
>
>> ENVI_DOIT, 'envi_stats_doit', $
>
>>
>
>> FID = fid, POS = pos, DIMS = dims, $
>
>>
>
>> DMIN = dmin, DMAX = dmax, MEAN = mean, $
>
>>
>
>> STDV = stdv, COMP_FLAG = 1
>
>>
>
>> ; make sure each one is defined on the return
>
>>
>
>> PRINT, dmin, dmax, mean, stdv
>
>>
>
>> ; Exit ENVI
```

```
>
>>
>
>> ENVI_BATCH_EXIT
>
>>
>
>> END
>
>>
>
>>
>
>>
>
>>
>
>>
>
>> Error which I am getting -
>
>>
>
>>
>
>>
>
>> IDL>bstats
>
>>
>
>> % Procedure was compiled while active: BSTATS. Returning.
>
>>
>
>> % Compiled module: BSTATS.
>
>>
>
>> % Can't continue from this point.
>
>>
>
>> % Error occurred at: $MAIN$
>
>>
>
>> % Execution halted at: $MAIN$
```

```
>  
>>  
>  
>> IDL>
```

i am using envi 4.8
and the error was fixed
thanks for your valuable suggestion
skymaxwell
