
Subject: IDL/ENVI Attempt to call undefined procedure/function -
ENVI_PROJ_CREATE

Posted by [BLesht](#) on Sun, 23 Oct 2011 14:59:50 GMT

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Again, I'm baffled. I'm running ENVI4.8 +IDL8.1 on an Intel Mac under OS10.6.8. I have a simple IDL code:

```
; Restore the ENVI base and start processing
;
ENVI, /RESTORE_BASE_SAVE_FILES
ENVI_BATCH_INIT ;, Log_File = logname
ENVI_BATCH_STATUS_WINDOW, /OFF
datum = 'North America 1983'
OUT_proj = ENVI_PROJ_CREATE(DATUM=datum, /GEOGRAPHIC)
```

that fails as below when I invoke the procedure - it seems strange that the failure appears to be associated with ENVI's failure to find an internal routine (MAP_PE_VALID_DATUM_NAME) required by ENVI_PROJ_CREATE.

Anyone have an idea of what might be happening? Thanks.

```
IDL> glsea2_var_smi_composite, 'MODIS', 'Michigan', 2002, 'chlor_a'
% Restored file: ENVI.
% Restored file: ENVI_M01.
% Restored file: ENVI_M02.
% Restored file: ENVI_M03.
% Restored file: ENVI_M04.
% Restored file: ENVI_M05.
% Restored file: ENVI_M06.
% Restored file: ENVI_M07.
% Restored file: ENVI_M08.
% Restored file: ENVI_D01.
% Restored file: ENVI_D02.
% Restored file: ENVI_D03.
% Restored file: ENVI_CW.
% Restored file: ENVI_IDL.
% Restored file: ENVI_I0U.
% Attempt to call undefined procedure/function:
'MAP_PE_VALID_DATUM_NAME'.
% Execution halted at: ENVI_PROJ_PE_CREATE_COORD_SYS_OBJECT
%           ENVI_PROJ_PE_CREATE_COORD_SYS_OBJ_CACHE
%           ENVI_PROJ_CREATE
%           GLSEA2_VAR_SMI_COMPOSITE 16 /home/
IDLWorkspace81/Compositing/glsea2_var_smi_composite.pro
%           $MAIN$
```
