Subject: (Beginner) issue setting variables using ENVI_FILE_QUERY
Posted by Simon Mitchell on Wed, 23 Oct 2013 10:05:40 GMT

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Hello All,

I am having an issue when using ENVI_FILE_QUERY to set a variable containing the number of samples and number of lines from an opened image. This is possibly a very simple mistake that I am making, but I cannot see where I am going wrong (I am new to IDL, but having to update old existing code).

My code loops through a directory and opens .TIF images, to perform processing on.

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PRO CALL_HOTSPOT

COMMON PARAM, ns, nl, ifname, ofname, w, yd1, iyd, ib, yy
COMMON NAMES, opendir
COMMON LOOP, count_str

;Scan the tif_output directory for all files
tifdir = opendir + 'Tif_Output\'
CD, tifdir

tif_files = FILE_SEARCH('*.tif', COUNT = numfiles)
counter = 0


WHILE (counter LT numfiles) DO BEGIN

count_str = STRTRIM(STRING(counter), 2)

ifname = tif_files(counter)
OPENR, lun_tif, ifname, /GET_LUN

;determine the number of samples and lines

ENVI_FILE_QUERY, lun_tif, NS=ns, NL=nl

print, ns

; Call the TET algorithm
TET_HOTSPOT_IDL_MAIN_SIMULATION_SM


CLOSE, lun_tif
FREE_LUN, lun_tif
```

counter = counter + 1

ENDWHILE

END
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The error that I am getting is:
% PRINT: Variable is undefined: NS (PARAM).

Would anyone be able to help me with this?

Thanks in advance

Simon