Subject: Re: trying to export pixel data from .dat files, based on coordinate loc
Posted by jeanh on Sat, 10 Jul 2010 14:16:59 GMT
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>   file_array=file_search[filepath, '*.dat', count['*.dat']= num_file]

This can not work. You are subscripting a keyword (count), moreover in a
very strange way (IDL is not PHP, you can't really use strings to subset
an array)
try:
  file_array=file_search[filepath, '*.dat', count= num_file]

>   for i=0, num_file-1 do begin
>
>   file=file_array[i]
>   print, num_file
>
> ;read ENVI binary file
>   read_ENVI_image (file, headerfile= filepath, '*.hdr')
> ;extract pixel information based on lat long coordinates
>   b=ENVI_CONVERT_FILE_COORDINATES [106.002, 83.0]

look up the help file for ENVI_CONVERT_FILE_COORDINATES
You are calling it in a totally wrong way... it is a procedure, not a
function. It requires 5 arguments

>   v=b
>   print, v

this is useless... you can work on b directly (though, once you have
call the ENVI_CONVERT_FILE_COORDINATES procedure the proper way, you
will have 2 variables to handle)

>
> ;open text file to write data to
> OPENU, U, 'pixel_value.txt', /get_lun, /append
> ;write data
> printf, U, v
> ;close LUN
> close, U

For efficiency, you can open the file before the loop, close it after
the loop and simply write your variables within the loop.

>

```
> endfor
>
> end
>
>
```

Jean