
Subject: Re: reading envi file in IDL

Posted by [robinson.inj](#) on Thu, 23 Aug 2007 18:14:36 GMT

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Hi Jean, thanks for your assistance. I got this error:

Error occurred at: READ_BINARY 132 C:\RS\IDL63\lib
\read_binary.pro
Robinson

On Aug 23, 10:49 am, "Jean H." <jghas...@DELTHIS.ucalgary.ANDTHIS.ca>

wrote:

> Robin,
>
> if you just have this one file, you can do:
>
> data = read_binary('c:\test\yourFile',data_Start = 0,data_Type=4,
> data_Dims=[400,400,5])
>
> From the top of my head, I can't remember where/how to specify the band
> interleave.... though in your case you have the default option, so it
> would work!
>
> If you have other files, I can send you/her a function that, with the
> help of ENVI, opens the file and return the header info in a structure...
>
> Jean
>
>> Dear All,
>> I created a file using ENVI and its header file is below. Does
>> somebody could show me how to read that file in IDL?
>> In advance thank you very much
>> Robinson Juarez
>
>> ======
>> ENVI
>> description = {
>> File Resize Result, x resize factor: 1.000000, y resize factor:
>> 1.000000.
>> [Wed Aug 22 10:02:17 2007]}
>> samples = 400
>> lines = 400
>> bands = 5
>> header offset = 0
>> file compression = 1
>> file type = ENVI Standard
>> data type = 4
>> interleave = bsq

```
>> sensor type = Unknown
>> byte order = 0
>> x start = 1323
>> y start = 714
>> map info = {UTM, 1.000, 1.000, 694231.500, 9759973.000, 2.8500000000e
>> +001, 2.8500000000e+001, 20, South, WGS-84, units=Meters}
>> wavelength units = Unknown
>> band names = {
>>   Resize (Unmix (amazonas_p231r062_etm_071001_a5) EM:GV (X:4278 Y:
>> 1152):MAO20071001_test1.em),
>>   Resize (Unmix (amazonas_p231r062_etm_071001_a5) EM:NPV (X:6152 Y:
>> 928):MAO20071001_test1.em),
>>   Resize (Unmix (amazonas_p231r062_etm_071001_a5) EM:SOIL (X:5959 Y:
>> 4199):MAO20071001_test1.em),
>>   Resize (Unmix (amazonas_p231r062_etm_071001_a5) EM:SHADE (X:2359 Y:
>> 2415):MAO20071001_test1.em),
>>   Resize (RMS Error:MAO20071001_test1.em)}
>> =====
```
