
Subject: Re: reading envi file in IDL

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

[View Forum Message](#) <> [Reply to Message](#)

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/here 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)}
>> =====
```
