
Subject: Re: reading envi file in IDL
Posted by [Jean H.](#) on Thu, 23 Aug 2007 17:49:17 GMT
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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, 2.85000000000e  
> +001, 2.85000000000e+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)}  
> =====  
>
```
