
Subject: Re: envi_setup_head for TIFF

Posted by [Leonardo R. Sbaraini](#) on Fri, 05 Oct 2007 18:33:28 GMT

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

Jeff, I tried ENVI_OPEN_FILE plus ENVI_FILE_QUERY but it did not return the header size that is my goal.

By other way, I had success in reading some labels using the IFD offset in the header (field #3), but after byte 8 (after header) the data was supposed to be there....I read one single value (float) and it returned a value different from that ought to be.

Well let me explain better:

TIFF Header :

Byte Order | TIFF Identifier | IFD Offset
(2bytes) (2bytes) = 42 (4 bytes)

Normally the image values will be the next data.

```
. *****  
;  
; Piece of code to read a single value  
. *****  
;  
point_lun, fu, 8  
readu, fu, data  
print, 'data:', data
```

IDL prints:

1.2748951e-310

Real value in SRF file created before: 0.000000

This TIFF was generated by Envi Menu (Save as..)

The reason to read by this way (using point_lun) is that I have big huge images here that cannot be stored in a IDL variable, so I cannot use READ_TIFF. And other reason is that I need to output rect pieces into file.

Any help is welcome.
