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Subject: Re: envi\_setup\_head for TIFF

Posted by [Jean H.](#) on Fri, 05 Oct 2007 18:54:04 GMT

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Leonardo R. Sbaraini wrote:

> I read one single value (float) and  
> it returned a value different from that ought to be.

> IDL prints:

> 1.2748951e-310

>

> Real value in SRF file created before: 0.000000

Leonardo,

A float can be up to  $\pm 10^{38}$ , with 7 significant digits.... so your value is likely not a float!

Have you created the data on the same computer you are trying to read it? ... it might be a little / big endian issue..

```
IDL> print, swap_endian(1.2748951e-310)
0.000000
```

Jean

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