
Subject: Re: layer stacking question

Posted by [David Fanning](#) on Sun, 28 Oct 2007 14:06:46 GMT

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woopik@interia.pl writes:

- > if i compare the pixel value (the same band)
- > in the input and output file
- >
- > .tif -> layer stacking with idl all ok
- > .tif -> layer stacking with envi GUI not ok

I think these confusing results can all be explained by "ordering". IDL puts the (0,0) point at lower-left, ENVI put it at upper left. When you write a TIF file in IDL, if you don't reverse the Y values, the image is almost always upside down, since TIFF seems to use the same convention ENVI does. (And it doesn't seem to matter HOW you set the ORDER keyword on WRITE_TIFF.)

I think if you took your IDL layer and did this:

```
layer = Reverse(layer,2)
```

things will make more sense to you.

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
