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Subject: layer stacking question

Posted by [woopik](#) on Sun, 28 Oct 2007 10:02:55 GMT

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hi

i make layer stacking programaticly with idl  
i have an problem , when i link two images  
one - i make with idl, second - i make  
with envi GUI interface and i verify cursor location  
value , data in corresponding pixels are not the same  
why ???

i use teh same .tif files for input in the same order  
they have the same output size , map info ,  
(the .tif are georeferenced )  
long integer data type , same resampling

any suggestion ?

```
. *****  
;  
tb_fid = lonarr(nblay)  
pos = lonarr(nblay)  
dims = lonarr(5,nblay)  
for i=0,nblay-1 do begin  
  envi_open_data_file, ncd[i],r_fid=fid  
  tb_fid[i]=fid  
  envi_file_query, tb_fid[i], ns=t_ns, nl=t_nl, nb=t_nb  
  dims[0,i] = [-1,0,t_ns-1,0,t_nl-1]  
  pos[i] = 0  
endfor  
. *****  
;  
  
. *****  
;  
out_proj = envi_get_projection(fid=tb_fid[0], pixel_size=out_ps)  
out_dt = 3  
; *****  
;  
  
envi_doit, 'envi_layer_stacking_doit', fid=tb_fid, pos=pos, dims=dims,  
$  
out_dt=out_dt, out_name=out_name, interp=1, out_ps=out_ps, $  
out_proj=out_proj, r_fid=r_fid
```

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