

---

Subject: ENVI glt doit problem

Posted by [gareth mottram](#) on Tue, 21 Dec 2004 11:55:19 GMT

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

---

Hi, Has anyone here played with the envi\_glt\_doit procedure in ENVI 4.0? I need to map small areas of a MODIS image using GLT's (I'm looking at usig this as an alternative to my own routines,which are not perfect) but I keep getting the error "INTARR: Expression must be a scalar or 1 element array in this context: O\_NS"

This puzzles me somewhat as I am not exactly an IDL novice. Everything seems in order according to the documentation, any ideas out there?

```
<snip>
envi_doit,'envi_glt_doit',dims=[-1,x_start,x_end,ystart,yend ],i_proj=geostruct
,o_proj=oproj,out_name='glt_temp',r_fid=glt_id,
pixel_size=[1000.0,1000.0],x_fid=x_fid,x_pos=[0],y_fid=y_fid , y_pos=[0],
rotation=0
</snip>
```

cheers

g

---

---

Subject: Re: ENVI glt doit problem

Posted by [wita](#) on Wed, 05 Jan 2005 13:25:23 GMT

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

---

Hi,

this is not really an answer to your question but you may be interested in using the MODIS reprojection tool available at:  
<http://edcdaac.usgs.gov/landdaac/tools/modis/index.asp>

It can do the same thing and probably it does it faster then ENVI  
regards,

Allard

---

---

Subject: Re: ENVI glt doit problem

Posted by [wl2776](#) on Thu, 10 Feb 2005 13:44:23 GMT

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

---

> but I keep getting the error "INTARR: Expression must be a scalar or 1

```
> element array in this context: O_NS"  
>  
> This puzzles me somewhat as I am not exactly an IDL novice.  
Everything  
> seems in order according to the documentation, any ideas out there?  
>  
> <snip>  
>  
envi_doit,'envi_glt_doit',dims=[-1,x_start,x_end,ystart,yend ],i_proj=geostruct  
  
> ,o_proj=oproj,out_name='glt_temp',r_fid=glt_id,  
> pixel_size=[1000.0,1000.0],x_fid=x_fid,x_pos=[0],y_fid=y_fid ,  
y_pos=[0],  
> rotation=0  
> </snip>
```

Argument pixel\_size must be a scalar.

The documentation contains the error.

I have run into another problem.

After finishing pass 1 I get the error 'Cannot find file 70-glt-bsq.

The result may be invalid.'

Meanwhile, I can see this file in the working directory during processing.

And when the error occurs, this file is absent.

It looks like procedure creates a temporary file and removes it before processing is finished.

This error sometimes appear and sometimes - no.

---