
Subject: ENVI glt doit problem

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

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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 using 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

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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 than ENVI
regards,

Allard

Subject: Re: ENVI glt doit problem

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

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

```
> element array in this context: O_NS"
>
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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.
