

ISIS - Question #765

External request: Noseam mosaic of CTX data

2012-03-30 07:01 PM - Tammy Becker

Status:	Closed
Priority:	Normal
Assignee:	Ella Lee
Category:	Applications
Software Version:	
Description	
Link to the external post: https://isis.astrogeology.usgs.gov/isisSupport/index.php/topic.3424.0.html	
hello,	
I have been trying to make a mosaic of ctx images using noseam. Below is a list of the process I have followed:	
<pre>mroctx2isis spiceinit ctxcal ctxevenodd mosrange fromlist=list_map to=sinu.map projection=Sinusoidal cam2map -batchlist=list_cam2map from=\\$1.cub to=\\$1_map.cub map=sinu.map pixres=map map=sinu.map pixres=map ls *map.cub >list_mos equalizer fromlist=list_mos holdlist=list_mos noseam fromlist=list_mos to=mos.cub hns=73 hnl=73 lns=73 lnl=73</pre>	
The mosiac turns out fine except the individual images seem to be laid over each other so that the first image on the list appears also black whereas the last image on the list is the brightest. Not sure what I'm doing wrong. All the images from list_mos (after being equalized) appear to be fine.	
Thanks, Diya	

History

#1 - 2012-03-30 07:01 PM - Tammy Becker

Ella's first response (2012Mar21):

Hi,

```
ls *map.cub >list_mos
```

The holdlist filename should contain only the images whose tones you to match all the other images to.

```
ls file1.cub > hold.lis
```

```
equalizer fromlist=list_mos holdlist=hold.lis
```

Create a new list of the files that have "equ" in the filenames, preferably in the order you want to mosaic the images. First in the list is normally placed at the bottom and last in lis on top.

```
ls equ.cub > equ.lis
```

```
noseam fromlist=equ.lis to=mos.cub hns=73 hnl=73 lns=73 lnl=73
```

Ella Mae

#2 - 2012-03-30 07:02 PM - Tammy Becker

Reporter's response:
Thank you.

I tried doing as recommended but noseam still isn't working. I used one of the 7 images for the hold.lis file. the new mosaic now has 4 images which are completely white and 3 which are completely black.

#3 - 2012-03-30 07:04 PM - Tammy Becker

Ella, I have transferred this external post to Mantis with a status of Feedback because the reporter obviously needs a little more assistance.

Thanks,

#4 - 2012-04-06 09:46 AM - Ella Lee

The user has figured out the problem was due to having two islands in the image set.

#5 - 2012-04-06 10:06 AM - Tammy Becker

Ella,

Go ahead and change the status of this issue to 'closed', please include the time you spent on this issue.

Thank you!

#6 - 2012-04-06 10:11 AM - Ella Lee

Tammy,

I do not see any place where I can select "Closed" when I view the post.

Ella Mae

#7 - 2012-04-06 03:38 PM - Tammy Becker

I'll close it for now. Ella and Lynn's permission level might need to be changed.