
Subject: Re: mosaic two images in direct graphics
Posted by [Chris Lee](#) on Fri, 10 Jun 2005 13:28:32 GMT
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In article <3gqvbmFdhiinU1@uni-berlin.de>, "Sebastian"
<swalter@zedat.fu-berlin.de> wrote:
> Hello group,
> i have two (or even more) images of irregular shape (in fact, they are
> referenced orbits of a satellite), the rest of the image is black. i
>
> some advice??? Thanks in advance!
> Viele Gruesse
> Sebastian

If you want to merge scientific datasets and not pictures,
you might want to use all the data you have, e.g.

```
; data = [n_images, image_x, image_y]  
;invalid =value of 'black'  
valid=data ne invalid  
new_data= total(valid*data,0)/(total(valid, 0) > 1)
```

which will give you the averages of overlapping pixels, and probably an
error message because I haven't tested it. missing data can be handled
either using WHERE or using a few more terms in the above equation.

Chris.
