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Subject: Re: Creating an image as a sum of images  
Posted by [David Fanning](#) on Thu, 03 Feb 2005 20:59:38 GMT  
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FSD writes:

> Hey, thanks for the input. It sorta works but how do I read in eight  
> files and write them back out again with the window? I have several  
> thousand files and I need to run it seemslessly in the background.

Well, clearly you are going to have to do it in a loop. :-)

You can gather all the files in a directory with File\_Search,  
figure out how many there are (keyword to File\_Search), and  
loop through them 8 at a time.

I would display them differently though. I would display  
8 files like this:

```
!P.Multi=[0,4,2]
LoadCT, 0, /Silent
Device, Decomposed=0
Erase, Color=255
FOR j=0,7 DO BEGIN
    ; read the image file and get the image on this line
    TVImage, image
ENDFOR
!P.Multi = 0
```

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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