Subject: Re: .dat file size
Posted by mwvogel on Wed, 09 Jun 2004 09:14:34 GMT
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My 2 cents (the site documentation on this code is pretty clear IMHO) :

```
; first a few comments
volume = BytArr(80,100,50)              ; make 3D volume of images with
dimension 80x100 pixels, of type BYTE
  FOR j=0,49 DO BEGIN                   ; do for each 'layer'
    image = Read_Tiff(sortedFiles[j])    ; read the image :-)
    volume[0, 0, j] = image              ; store image at 'layer'
indexed with j, note that this is a trick, as explained on the site
  ENDFOR
```

Now for a set of 132 images (all identical in size !, and of type BYTE) with have dimensions 123 x 231, you would do

```
volume = BytArr(123,231,132)            ; make 3D volume of images with
dimension 123x231 pixels
  FOR j=0,131 DO BEGIN                  ;
    image = Read_Tiff(sortedFiles[j])    ;
    volume[0, 0, j] = image              ;
  ENDFOR
```

Now to ease your search for the right dimensions, you could do

```
HELP,  Read_Tiff(sortedFiles[0]) ; shows [X,Y] dimensions of image
```

You did ask for something like this, right ?

"Aleks" <siliconcube@yahoo.com> schreef in bericht
news:79140897.0406082205.78b69476@posting.google.com...
> Hi,
> I'm very new to IDL. I was on Mr. Fanning's website and trying to
> figure out the code. This is the website for 3D imaging (exactly what
> I'm required to do)
> http://www.dfanning.com/graphics_tips/mesh.html
>
> this is the part of the code i don't quiet understand
>
> volume = BytArr(80,100,50)
>  FOR j=0,49 DO BEGIN
>
> I know the 50 comes from the fact that there are 50 different images
> so we are going to stack them(I have 81 in my own test project). Now
> the 80 and a 100 comes from some other place and I know that is the
> size of the array ie its a 80x100 array. I have a test_01.tif file how
> would I figure out the size of the array? I have winXP and I have

> been battling this for nearly 3 hours (and i know this isn't even the
> IDL problem =/)  Any help would be apreciated.

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