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Subject: Large TIFF file question

Posted by [Neil Talsania](#) on Tue, 15 Jan 2002 22:10:49 GMT

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Hi,

I have what should be a simple question (I hope!). I am trying to run an IDL routine that was given to me. The routine has run successfully on small images, but when I try to run it on my 1.5 Gig image it fails on the memory allocation.

Looking at the code, it does the following:

```
a = float(read_tiff(filename)).
```

Now, I assume that means it is trying to read the entire thing into memory.

Ok I can see why that fails, although not really as I have >2G of RAM on my system. But anyway, I then thought about using ASSOC which according to the documentation might help with this problem. However, that requires me to open the file as a raw unformatted file (near as I can tell anyway).

So, to make a long story short, my question is how do I open a large TIFF file, without exhausting memory?

Thanks

Neil

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