Subject: Re: Reading 256x256x16bit images
Posted by jsbenens on Sun, 16 Jun 1996 07:00:00 GMT
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Chris Penland <chris@erc-sparc.mc.duke.edu> wrote:
> I have been using the following commands on IDL for PowerMac:
>
> openr, 1, 'silce214.dat'
--->I assume you're correctly typing slice, not silce...
> a=assoc(1,intarr(256,256))
> b=a(1)
>
> then I get an "Encountered end of file" error.

If there's only one image in the file, You should say b=a(0).
Remember, in IDL, an array A of length n has values A(0) thru A(n-1).

> tv, b
>
> then I get something that looks nothing like my image. I have tried
> using a bytarr(256,256) and I don;t run out of file but the
> image looks like it has been checkerboarded and moved around.

Since "b" is an integer array, to use "tv" you should first scale
the values into a byte array using "BYTSCL". For example,
  h=bytscl(b)
  tv,h

Or use "TVSCL" to do the same thing via:
  tvscl, b

If you have multiple images and want them all displayed with the
same scaling, use the keywords "max", "min", and "top" with BYTSCL.

You should probably RTFM on ASSOC, BYTSCL, TV, and TVSCL.

Hope that helps,
-Jeff.