
Subject: Re: Importing Binary Images

Posted by [Med Bennett](#) on Fri, 18 Jan 2002 16:51:10 GMT

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rob schick wrote:

> I'm new to idl, and am trying to import a binary grid that was created
> on a windows machine into idl on a linux machine. It's least
> significant byte first, 1561 rows, 2041 cols.
>
> I searched the archives and found a thread that suggested used the
> following syntax:
>
> IDL> openr, 1, 'gom15dd.dat'
> IDL> ms = bytarr(1561, 2041)
> IDL> readu, 1, ms
> IDL> tv, ms
>
> While this 'works', the image displayed is incorrect - sort of looks
> like speckled white noise. Any thoughts on what I may be doing wrong.
> For a newbie, what's the difference between using readu, and
> read_binary? The online help didn't help. Thanks.

What is the image 'supposed' to look like? It could depend on whether or not the software that created the image created it in row-major or column-major order. Try this:

```
IDL> openr, 1, 'gom15dd.dat'
IDL> ms = bytarr( 2041,1561)
IDL> readu, 1, ms
IDL> ms = transpose(ms)
IDL> tv, ms
```
