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Subject: Re: Matlab to IDL

Posted by [Nigel Wade](#) on Mon, 13 Oct 2003 10:04:18 GMT

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dino nicola wrote:

```
> hi! i'm trying to translate this Matlab script into IDL, but the image
> I show is not right.
>
> function [RAD]=read_1rad(i_pr,Directory,prefix)
> i_pr
> Directory
> CONC=[Directory prefix]
> nome=[ CONC num2str(i_pr) '.sdt']
> FID=0;
> FID=fopen(nome,'r','ieee-be');
```

The ieee-be option indicates your data is big endian.

```
> [RAD,c]=fread(FID,[1024,512],'float32');
> figure(3), imshow(RAD,[ ]); title(' proiezione ')
> fclose(FID);
> colormap(gray(512));
>
>
> Here is the IDL script:
>
> file='c:\pcon_1.sdt'
> rad=fltarr(1024,512)
> openr,lun,file,/get_lun
```

to read big endian data in IDL on a little endian system you need to append the /SWAP\_ENDIAN keyword to openr.

What hardware are you running IDL on?

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