

---

Subject: Re: reading xyz-data from ascii-file

Posted by [Mirko Vukovic](#) on Thu, 13 Apr 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

In article <8d45qe\$no3\$1@ac1.ewetel.de>,

> Hy Folks!  
>  
> I've got a problem x,y,z-koordinates from a ascii-file. The file looks  
like  
> this:  
> 500338.29 500246.22 4  
> 500341.32 500210.1 4  
> 500344.12 500243.24 6.5  
> ...  
> The problem is, when I read the data, IDL rounds the values!  
> The programcode is:  
> filename=dialog\_pickfile(/read)  
>  
> openr, lun, filename, /Get\_Lun  
>  
> While not eof(lun) Do Begin  
> readf, lun, egal  
> zeilen=zeilen+1  
> endwhile  
>  
> Point\_Lun, lun, 0  
>  
> temp1=0.0  
> temp2=0.0  
> temp3=0.0  
>  
> x=fltarr(zeilen)  
> y=fltarr(zeilen)  
> z=fltarr(zeilen)  
>  
> For j=0, zeilen-1 Do Begin  
> readf, lun, temp1, temp2, temp3  
> x[j]=temp1  
> y[j]=temp2  
> z[j]=temp3  
> endfor  
>  
> After running this code, x[0] is 500338. instead of 500338.29  
> Does anybody know why IDL does round the values?

round off? How about initializing egal to double precision.

Mirko

Sent via Deja.com <http://www.deja.com/>  
Before you buy.

---