
Subject: Re: reading xyz-data from ascii-file
Posted by [Mirko Vukovic](#) on Thu, 13 Apr 2000 07:00:00 GMT
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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

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