
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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