
Subject: reading xyz-data from ascii-file

Posted by on Thu, 13 Apr 2000 07:00:00 GMT

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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?

Germany
