
Subject: Re: [Q] Reading from ASCII file?
Posted by [mgs](#) on Fri, 24 Jul 1998 07:00:00 GMT
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In article <35B6E8E9.75FCB5A3@ramses.tss.no>, gunnarlr@phys.uit.no wrote:

```
> Hi!
>
> I'm reading UTM map coordinates from an ASCII file, which has lines
> like:
> 681765.37      7450650.54      334      1
>
> I read this with code on the form:
> while (NOT EOF(unit)) do begin
>   format='(2D,2I)'
>   readf,unit,temp1,temp2
>   UTMcoords(*,i)=temp1
>   pixelcoords(*,i)=temp2
>   i=i+1
> endwhile
> (all relevant variables in double format)
>
> Everything works out fine, except that the second column is rounded off:
> 7450650.54 ---> 7450650.5
> that is: 8 numbers in any case (before or after the decimal-point). "So
> what?" you're saying? The problem is that I really need all my 9
> numbers. Anyone got an idea??
>
> Regards,
> Gunnar L. Rasmussen, Applied Physics, Univ. of Tromsø, Norway
```

I suspect your data is read and stored intact, but printed in a rounded format. Look at the Print, Format=() commands to see what's actually in the variables.

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Interactive Visuals
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