
Subject: Re: number problem

Posted by [d.poreh](#) on Thu, 10 Jul 2008 14:14:35 GMT

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On 10 Jul., 07:01, Vince Hradil <hrad...@yahoo.com> wrote:

> On Jul 9, 11:59 pm, d.po...@gmail.com wrote:

>

>

>

>

>

>> On 9 Jul., 11:11, Conor <cmanc...@gmail.com> wrote:

>

>>> On Jul 9, 6:50 am, d.po...@gmail.com wrote:

>

>>>> folks

>>>> i have a .TXt file like this:

>

>>>> 499750.95298079 3387735.57676302 1259.18847656 34.63407516

>>>> 499730.95491979 3387755.57503202 1259.18847656 34.66235733

>>>> 499710.95685879 3387775.57330102 1257.50012207 34.69063950

>>>> 499690.95879779 3387795.57157002 1255.97583008 34.71892166

>

>>>> and i did some analyze in IDL but result is like this:

>

>>>> 499750. 3.38774e+006 1259.00 34.0000

>>>> 499730. 3.38776e+006 1259.00 34.0000

>>>> 499710. 3.38778e+006 1257.00 34.0000

>>>> 499690. 3.38780e+006 1255.00 34.0000

>

>>>> but as you can see the result are not same. i used long-float and

>>>> ULL. but no answer.

>>>> any help

>>>> Cheeres

>

>>> I'm afraid you're going to have to include a lot more information

>>> before anyone can help. How are you reading in the data? It looks

>>> like you're just reading in the data as a long integer, when in

>>> reality you want doubles.- Zitierten Text ausblenden -

>

>>> - Zitierten Text anzeigen -

>

>> yes i just read the data and keep it in the 4*1470 array. i just want

>> to get the same data in the resualt.

>

> Yes - we need more info to go on...

>

> IDL> arr = dblarr(4,4)

```

> IDL> openr, 1, 'c:\test.txt'
> IDL> readf, 1, arr
> IDL> free_lun, 1
> IDL> print, arr
>      499750.95      3387735.6      1259.1885      34.634075
>      499730.95      3387755.6      1259.1885      34.662357
>      499710.96      3387775.6      1257.5001      34.690640
>      499690.96      3387795.6      1255.9758      34.718922
>
> Hmmmm... looks okay to me?- Zitierten Text ausblenden -
>
> - Zitierten Text anzeigen -

```

i don't know still not work this is my idl to read some data:

```
function read_DE,file
```

```

file=dialog_pickfile(filter='*.txt')
openr,lun,file,/get_lun
header=strarr(5)
readf,lun,header
utx=(dblarr(10000))
uty=(dblarr(10000))
elv=(dblarr(10000))
col=(dblarr(10000))
row=(dblarr(10000))
dist=(dblarr(10000))
a=0&b=0&c=0&d=0&e=0&f=0
count=0
while (NOT EOF(lun)) DO BEGIN
readf,lun,a,b,c,d,e,f
utx(count)=a
uty(count)=b
elv(count)=c
col(count)=d
row(count)=e
dist(count)=f
count=count+1
endwhile
utx=utx(0:count-1)
uty=uty(0:count-1)
elv=elv(0:count-1)
col=col(0:count-1)
row=row(0:count-1)
dist=dist(0:count-1)
data=fltarr(4,count)
data[0,*]=utx
data[1,*]=uty

```

```
data[2,*]=elv
data[3,*]=dist
```

```
free_lun, lun
return,data
end
```

and this is a few lines of import data:

RiverTools Channel Profile

Number of profile points: 1472

Row	UTM-x Distance	UTM-y	Elev	Col
592	521228.87049479	3394754.96918202	2221.55273438	1078
592	0.00000000			
592	521208.87243379	3394754.96918202	2218.10253906	1077
592	0.01999806			
592	521188.87437279	3394754.96918202	2215.02856445	1076
592	0.03999612			
592	521168.87631179	3394754.96918202	2212.82934570	1075
592	0.05999418			
592	521148.87825079	3394754.96918202	2210.48925781	1074
592	0.07999224			
592	521128.88018979	3394754.96918202	2207.43017578	1073
592	0.09999030			
592	521108.88212879	3394754.96918202	2204.14746094	1072
592	0.11998836			
592	521088.88406779	3394754.96918202	2201.20776367	1071
592	0.13998643			
592	521068.88600679	3394754.96918202	2198.28808594	1070
592	0.15998448			
592	521048.88794579	3394754.96918202	2195.11572266	1069
592	0.17998254			
592	521028.88988479	3394754.96918202	2192.23193359	1068
592	0.19998060			
592	521008.89182379	3394754.96918202	2190.31323242	1067
592	0.21997866			
591	520988.89376279	3394774.96745102	2187.50000000	1066
591	0.24826033			
591	520968.89570179	3394774.96745102	2185.21508789	1065
591	0.26825839			
591	520948.89764079	3394774.96745102	2183.00000000	1064
591	0.28825647			
	520928.89957979	3394794.96572002	2181.38085938	1063

```
590      0.31653816
      520908.90151879 3394794.96572002  2180.30151367  1062
590      0.33653623
      520888.90345779 3394794.96572002  2177.80688477  1061
590      0.35653430
      520868.90539679 3394794.96572002  2174.75122070  1060
590      0.37653238
```

but still i can't get proper answer, this is lat-lon data and i need exact data.
