
Subject: Read irregular data problem
Posted by [d.poreh](#) on Thu, 22 Oct 2015 16:38:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

Folks,
Hi,
I have a data like this:

```
DESCRIPTION=Unknown Point Feature  
ELEVATION=1.379  
14.2899550000,41.1586500000,1.379
```

```
DESCRIPTION=Unknown Point Feature  
ELEVATION=-1.635  
14.2819110000,41.1528830000,-1.635
```

```
DESCRIPTION=Unknown Point Feature  
ELEVATION=1.379  
14.2899550000,41.1586500000,1.379
```

```
DESCRIPTION=Unknown Point Feature  
ELEVATION=-1.635  
14.2819110000,41.1528830000,-1.635
```

```
DESCRIPTION=Unknown Point Feature  
ELEVATION=-0.805  
14.2815830000,41.1521640000,-0.805
```

.....
and i just need to extract the lines like:

```
14.2899550000,41.1586500000,1.379  
14.2819110000,41.1528830000,-1.635  
...
```

i did somethings like this:
file=dialog_pickfile()
data = (read_ascii(file,delim="|")).field1[0:2,*]

but the result is bad:
NaN NaN 14.2900

Can someone please give me some hints?
Thanks for any kind of help in advance,
Cheers,
Dave

Subject: Re: Read irregular data problem
Posted by [greg.addr](#) on Fri, 23 Oct 2015 11:33:32 GMT
[View Forum Message](#) <> [Reply to Message](#)

Try this...

```
pro tmp_poreh,filename
```

```
  n_lines=file_lines(filename)
  s=strarr(n_lines)
  openr,lun,filename,/get_lun
  readf,lun,s
  free_lun,lun
```

```
  q=where(strpos(s,"ELEVATION") ne -1)
  print,transpose(s[q+1])
```

```
  data=fltarr(3,n_elements(q))
  reads,s[q+1],data
```

```
  print,data
end
```

```
IDL> tmp_poreh,"d:\tmp\poreh.txt"
14.2899550000,41.1586500000,1.379
14.2819110000,41.1528830000,-1.635
14.2899550000,41.1586500000,1.379
14.2819110000,41.1528830000,-1.635
14.2815830000,41.1521640000,-0.805
    14.2900    41.1586    1.37900
    14.2819    41.1529   -1.63500
    14.2900    41.1586    1.37900
    14.2819    41.1529   -1.63500
    14.2816    41.1522   -0.805000
```

cheers,
Greg

Subject: Re: Read irregular data problem
Posted by [d.poreh](#) on Fri, 23 Oct 2015 14:29:22 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Thursday, October 22, 2015 at 8:08:49 PM UTC+3:30, dave poreh wrote:

```
> Folks,
> Hi,
> I have a data like this:
>
```

> DESCRIPTION=Unknown Point Feature
> ELEVATION=1.379
> 14.2899550000,41.1586500000,1.379
>
> DESCRIPTION=Unknown Point Feature
> ELEVATION=-1.635
> 14.2819110000,41.1528830000,-1.635
>
> DESCRIPTION=Unknown Point Feature
> ELEVATION=1.379
> 14.2899550000,41.1586500000,1.379
>
> DESCRIPTION=Unknown Point Feature
> ELEVATION=-1.635
> 14.2819110000,41.1528830000,-1.635
>
> DESCRIPTION=Unknown Point Feature
> ELEVATION=-0.805
> 14.2815830000,41.1521640000,-0.805
>
>
> and i just need to extract the lines like:
>
> 14.2899550000,41.1586500000,1.379
> 14.2819110000,41.1528830000,-1.635
> ...
>
> i did somethings like this:
> file=dialog_pickfile()
> data = (read_ascii(file,delim="|")).field1[0:2,*]
>
> but the result is bad:
> NaN NaN 14.2900
>
> Can someone please give me some hints?
> Thanks for any kind of help in advance,
> Cheers,
> Dave
Thanks Greg :), works like a charm:)
Cheers,
Dave
