
Subject: Re: String to Floating conversion
Posted by [Vincent Sarago](#) on Mon, 28 May 2012 13:02:33 GMT
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Hello,
The problem come from the way you are reading the data.

The error comes from the fact that the first element is a string and it can't be transformed to a float

It might be useful if you show us the code you're using

;Example of what I do normally in this case !!!

```
nb_line_of_you_file = file_lines('path_to_your_file')
```

```
arr = strarr(nb_line_of_you_file)
```

```
openr, f, 'path_to_your_file', /get_lun  
read, f, arr  
free_lun, f
```

```
; If you are using IDL 8.* you can use the hash variable  
; if not you can construct a structure containing the different elements of your data
```

```
str = replicate({name:", val1:0d, val2:0d, .... nb_elements  }, nb_line_of_you_file)
```

```
for ii = 0, n_elements(arr) - 1 do begin
```

```
    st = strsplit(arr[ii], /Extract)
```

```
    str[ii].name = string(st[0])
```

```
    str[ii].val1 = double(st[1])
```

```
    ...
```

```
endFor
```

```
end
```

On Monday, May 28, 2012 2:01:12 PM UTC+2, Baro wrote:

> Dear Friends

>

> I am a new user of IDL. this time I am trying to read the data of this
> type.
>
> GRCOF2 0 0 0.100000000000E+01 0.000000000000E+00 0.0000E+00
> 0.0000E+00 20030301.0000 20030401.0000 nnnn
> GRCOF2 1 0 0.000000000000E+00 0.000000000000E+00 0.0000E+00
> 0.0000E+00 20030301.0000 20030401.0000 nnnn
> GRCOF2 2 0 -.484169137464E-03 0.000000000000E+00 0.1256E-10
> 0.0000E+00 20030301.0000 20030401.0000 ynnn
>
> It is a GRACE satellite data
>
> But I am getting error which says "Unable to convert String to
> Floating"
>
> Can any one help me in reading it, cause i have 122 files with 1895
> lines for each, using IDL will simplify it a lot for me. I will wait
> for your golden responses
