
Subject: Re: IDL code - problem to convert string to float

Posted by [capercas](#) on Fri, 29 Nov 2013 09:07:32 GMT

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On Thursday, November 28, 2013 6:05:21 PM UTC+1, cape...@topo.upv.es wrote:

> Dear all,

>

>

>

> The problem comes from the strrs (SearchString value) when is converted to float. It could be because it is an string-ARRAY because I did not find this problem with uki1 and uki2 (using STRMATCH).

>

> For the last example I can not understand what is happening because there is not any conversion...but the warning say: Unable to convert given STRING to Long64

>

>

>

> If you could help me.....

>

>

>

> PROBLEM 1

>

> *****part of the code*****

>

>

>

> if country eq 'UK' then begin

>

> uki1 = 'UKI1'

>

> uki2 = 'UKI2'

>

> ara90_uki1 = (float(datacl90[WHERE(STRMATCH(datacl90,uki1))+3]))/10000

>

> ara90_uki2 = (float(datacl90[WHERE(STRMATCH(datacl90,uki2))+3]))/10000

>

> pc90_uki1 = (float(datacl90[WHERE(STRMATCH(datacl90,uki1))+4]))/10000

>

> pc90_uki2 = (float(datacl90[WHERE(STRMATCH(datacl90,uki2))+4]))/10000

>

> past90_uki1 = (float(datacl90[WHERE(STRMATCH(datacl90,uki1))+5]))/10000

>

> past90_uki2 = (float(datacl90[WHERE(STRMATCH(datacl90,uki2))+5]))/10000

>

> endif

>

```

>
>
>   ara= float(dataclc90[WHERE(STRMATCH(dataclc90,strrs))+3])
>
>   aralc90=float(ara)/10000
>
>   pc= float(dataclc90[WHERE(STRMATCH(dataclc90,strrs))+4])
>
>   pcclc90=float(pc)/10000
>
>   past= float(dataclc90[WHERE(STRMATCH(dataclc90,strrs))+5])
>
>   pastclc90=float(past)/10000
>
>
>
>
> *****console*****
>
> IDL> help, uki1
>
> UKI1      STRING  = 'UKI1'
>
> IDL> help, strrs
>
> STRRS     STRING  = Array[1]
>
>
>
>
>
>
> PROBLEM2
>
> *****part of the code*****
>
> Detected at: CAPRI_1990TO2050_PRIMESCOR_ALLMINMAX 965
E:\perpcar\Documents\LUMP\CAPRI_DATA\SCRIPTS\capri_1990to205
0_primescor_allminmax.pro
>
> % Type conversion error: Unable to convert given STRING to Long64.
>
>
>
> printf,1,uki2
>

```

```
> for y=0L, nyears+4 do begin
>
>     printf, 1, ['dummies','noData',$ //This is the line 965
>
>         'noData','noData','noData', $
>
>         'noData','noData','noData'],$
>
>         format='(i10,i15,i15,i15,i15,i15,i15,i15)'
>
>
>
> Thank you very much for your time.
>
> Regards,
>
> Carolina
```

Thank you very much for answering.
The code is not mine, and I do not know how to fix this problem.

Regards,
Carolina
