
Subject: IDL code - problem to convert string to float
Posted by [capercas](#) on Thu, 28 Nov 2013 17:05:21 GMT
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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(datacl90[WHERE(STRMATCH(datacl90,strrs))+3])
```

```
arac90=float(ara)/10000
```

```
pc= float(datacl90[WHERE(STRMATCH(datacl90,strrs))+4])
```

```
pccl90=float(pc)/10000
```

```
past= float(datacl90[WHERE(STRMATCH(datacl90,strrs))+5])
```

```
pastcl90=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

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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
