
Subject: Re: sky is falling, again ?

Posted by [Norbert Hahn](#) on Wed, 16 Mar 2011 14:54:00 GMT

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nata <bernat.puigdomenech@gmail.com> wrote:

```
> Hi folks,
>
> I'm converting julian dates to text, using the calendar format. So,
> for example:
> time_text=2455636.937500d
>
> PRINT, STRING(time_text,FORMAT='(C(CDI2.2,"/",CMOI2.2,"/",CYI,"
> ",CHI2.2,".",CMI2.2))')
>
> CALDAT, time_text, mo, dd, yy, hh, mm
> PRINT, STRTRIM(dd,2)+"-"+STRTRIM(mo,2)+"-"+STRTRIM(yy,2)+"
> "+STRTRIM(hh,2)+":"+STRTRIM(mm,2)
>
> 16/03/2011 10:29
> 16/03/2011 10:30
>
> Lol ! There is 1 minute difference !!!! Do you know why ?
```

If you use

```
PRINT, STRING(time_text,FORMAT='(C(CDI2.2,"/",CMOI2.2,"/",CYI,"
",CHI2.2,".",CMI2.2,".",CSI2.2))')
```

to print time_text

you'll get

```
16/03/2011 10:29:59
```

with the number of milliseconds missing. But you are close to the next minute.

As usual with quantized values, the last digit may be wrong.

Norbert
