
Subject: TIMEGEN problem, bug?

Posted by [lucianor](#) on Sat, 15 Mar 2003 22:36:34 GMT

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I tried the following:

```
IDL> Jul1=JulDay(3,31,1998,23)
IDL> dummy=TIMEGEN(40,START=jul1,UNITS='Hours')
IDL> caldat,dummy[39],month,day,year,hour
IDL> print,year,month,day,hour
      1998      4      1      14
```

How adding 40 hours to 31/3,23h could end up in 1/4,14h??

The problem seems to appear because TIMEGEN takes 30 as the first day, and not 31:

```
IDL> caldat,dummy,month,day,year,hour
IDL> print,day[0:4]
      30      31      31      31      31
```

Of course that if it starts at day 30/3 it will be correct to end at day 1/4

But I'm telling it to start at day 31!!

Any help??

(I'm using IDL 5.4 on Windows XP)

Luciano.
