
Subject: Interesting 'feature' of dt_add
Posted by [Vapuser](#) on Tue, 09 Mar 1999 08:00:00 GMT
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Consider the following 'feature'

```
IDL> tt=dt_add( var_to_dt( 1992,1,1,0,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  0  59    60.0000
IDL> tt=dt_add( var_to_dt( 1992,1,1,1,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  1  59    60.0000
IDL> tt=dt_add( var_to_dt( 1992,1,1,2,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  3  0     0.00000
IDL> tt=dt_add( var_to_dt( 1992,1,1,3,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  3  59    60.0000
IDL> tt=dt_add( var_to_dt( 1992,1,1,4,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  4  59    60.0000
IDL> tt=dt_add( var_to_dt( 1992,1,1,5,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1992  1  1  6  0     0.00000
```

Apparently, the program works in the boundaries between days/months/years

```
IDL> tt=dt_add( var_to_dt( 1992,12,31,23,0,0), second=3600 )
IDL> print,tt.year,tt.month,tt.day,tt.hour,tt.minute,tt.second
    1993  1  1  0  0     0.00000
```

Still, it would be nice if worked everywhen.

whd
