
Subject: caldat strange behavior CALDAT, JulianDay, NULL, NULL, GetYear
Posted by [MarioIncandenza](#) on Wed, 24 Apr 2013 20:31:48 GMT

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```
IDL> print,qqtjd,format='(C())'  
;Mon Sep 24 21:00:00 2012  
IDL> qq=temporary(null) & qq=0; undefine NULL  
IDL> caldat,qqtjd,null,null,tyyyy;get year from TJD  
IDL> print,percentiles(tyyy)  
;    2014    2014    2014    2014    2014  
IDL> print,percentiles(null)  
;      1      1      1      1      1  
IDL> caldat,qqtjd,mnull,dnull,tyyyy;get year from TJD  
IDL> print,percentiles(tyyy)  
;    2012    2012    2012    2012    2012  
IDL> print,percentiles(mnull)  
;      9      9      9      9      9  
IDL> print,percentiles(dnull)  
;     24     24     24     24     24
```

Basically, if you give the argument NULL to both the Month and Day in CALDAT, things go very wrong. I am pretty confident this is new behavior.

```
IDL> print,!version  
;{ x86_64 linux unix linux 8.2.1 Aug 20 2012    64    64}
```

--Edward H.
