
Subject: timegen

Posted by [spluque](#) on Wed, 30 Oct 2013 20:56:35 GMT

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Hi,

I'm having a little difficulty generating time sequences with specific start and end values. Say, for instance we need to generate a sequence at 1 seconds and I need to cover the full final day. I thought this would do:

```
beg_jd=julday(10, 10, 2013, 0)
end_jd=julday(10, 11, 2013, 0)
step_size=0.1
ts=timegen(start=beg_jd, $
           final=end_jd + 1 - (float(step_size) / 86400), $
           step_size=step_size, units='seconds')
```

But, checking:

```
caldat, ts, mo, dd, yyyy, hh, mm, ss
print, yyyy[-1], mo[-1], dd[-1], hh[-1], mm[-1], ss[-1]
```

prints:

```
2013      10      11      23      59      59.802656
```

The last step is missing. What is wrong with this?

Thanks,
Seb
