
Subject: Re: timegen

Posted by [suicidaleggroll](#) on Wed, 30 Oct 2013 22:38:01 GMT

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On Wednesday, October 30, 2013 2:56:35 PM UTC-6, spl...@gmail.com wrote:

```
> 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

Never used timegen...what's so difficult about just doing:

```
beg_jd=julday(10,10,2013,0)
end_jd=julday(10,11,2013,0)
step_size=0.1/86400d0
ts=dindgen(round((end_jd-beg_jd)/step_size)+1)*step_size+beg_jd
```
