
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
```
