
Subject: Re: Convert MJD date range to number of days elapsed in IDL
Posted by [Markus Schmassmann](#) on Mon, 26 Sep 2016 13:54:10 GMT

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On 09/25/2016 09:53 PM, cdav1601@terpmail.umd.edu wrote:

> I'm trying to figure out if there's some way I can take a range of
> MJD values and convert them into number of days elapsed over that
> range so I can normalize a plot of two supernova and their absolute
> magnitudes over time in IDL. Is there a simple conversion for this
> I'm not seeing or do I need to tediously convert every value to
> determine the number of days to use for my x-axis?

>

> Note: I do not wish to convert to the date, but the actually number
> of days elapsed as to normalize my two plots for comparison.

```
jd=julday(month,day,year)
```

```
days_elapsed=jd-jd[0]
```

month, day & year are arrays
