Subject: Re: array of Julian Days

Posted by R.Bauer on Tue, 11 Nov 2008 21:51:21 GMT

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Bulrush schrieb:

> Thanks

```
> Hello.
> I wanted to generate an array of Jdays of the year, and extract some
> of them according to 8 days of increment. However the following code I
> could think of does not work.
 Any help is appreciated.
>
> Jdays = Lindgen (366)
> Start_day= 265
> End_day = 361
>
> Daystep = 265
> ; collect the days
> WHILE Daystep LE 361 and Daystep GT 265 Do Begin
    arr = Where (Jdays LE Daystep+8 and Jdays GT Daystep, count)
    Days = JDays[arr]
>
> EndWhile
```

Do you ask us to debug your code?

I don't want to be ignorant but a breakpoint and by stepping yourself through the code line by line does help you more than a ready to go solution from us.

> What is wrong with it? How can I get the job done?

Anyway I want also give some hints. idl has builtin step methods (oh, david what is the right word for that)

```
e.g a for loop can step
IDL> for i=0,50,8 do print,i
    0
    8
    16
    24
   32
    40
   48
```

e.g. array indices can be stepped IDL> print, (lindgen(50))[0:49:8] 0 8 16 2 24 32 40 48

cheers Reimar