Subject: Re: array of Julian Days
Posted by David Fanning on Wed, 12 Nov 2008 18:13:00 GMT
View Forum Message <> Reply to Message

Bulrush writes:

> On Nov 12, 9:37=A0am, David Fanning <n...@dfanning.com> wrote:
>> Bulrush writes:
>>> With the while loop, I got only 8 values, each increased just +1, e.g.
>>> 264,265,266... even if I set the step as 8. And become dead loop,
>>> looping all the day non-stop for that the same 8 values.
>>
>> Your while loop ran all day long because you never
>> changed the conditional variable. Thus, it started
>> true and it remained true. (It's probably still true
>> now!)
> Here is the updated code. How can I stop then. Why the days are not
> increasing steps of 8, and just increasing with an increment of 1?
>     JDays = LINDGEN(366)
>     Daystep = 265
>     ; collect the days
>
>     WHILE Daystep LE 363 Do Begin
>         arr =D WHERE((JDays LE Daystep+8) AND (JDays GT Daystep),count)
>         IF count GT 0 THEN Days =JDays[arr] ELSE days = [-1]
>         print, days
>     ENDWHILE

You can stop it by making the control variable "daystep"
greater than 363. You don't change it's value anywhere
in this loop, so it *stays* less than 363 forever and ever.

If you put a breakpoint in your code and step through this
a couple of times, I think eventually you will discover the
problem. :-)

Cheers,

David

--
David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")