Subject: Re: stacking the images according to julian date
Posted by wlandsman on Tue, 20 Aug 2013 21:02:34 GMT
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And to be an annoying kibbutzer-- I believe this can also be done without loops:

```
filenames = File_Search("lndsr.*", COUNT=count)
year = Fix(StrMid(filenames,15,4))
doy = Fix(StrMid(filenames,19,3))
juldates = JulDay(1,doy, year)

; Sort the Julian dates.
sorted = Sort(juldates)

 ; Sort the filenames in the right order for stacking.

 filenames = filenames[sorted]
```

On Tuesday, August 20, 2013 4:27:24 PM UTC-4, David Fanning wrote:

```
>>
>
>>  All your help will be much appreciated.
>
>
>
>  filenames = File_Search("lndsr.*", COUNT=count)
>
>  juldates = DblArr(count)
>
>
>
>  ; Parse the filename for the Julian date.
>
>  FOR j=0,count-1 DO BEGIN
>
>     thisFile = filenames[j]
>
>     year = Fix(StrMid(thisFile, 15, 4))
>
>     doy = Fix(StrMid(thisFile, 19, 3))
>
>     juldates[j] = JulDay(1, doy, year)
>
>  ENDFOR
>
```

>

>

> ; Sort the Julian dates.

>

> sorted = Sort(juldates)

>

>

>

> ; Sort the filenames in the right order for stacking.

>

> filenames = filenames[sorted]

>

>

>

> I don't think you REALLY want to stack these images, but now you have

>

> them in the right order, in case you want to process them in the right

>

> order.

>

>

>

> Cheers,

>

>

>

> David

>

>

>

> --

>

> David Fanning, Ph.D.

>

> Fanning Software Consulting, Inc.

>

> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/

>

> Sepore ma de ni thue. ("Perhaps thou speakest truth.")