
Subject: Auto-path finding when writing file
Posted by [thtran296](#) on Tue, 18 Jul 2017 14:23:27 GMT
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Thank you so much guys for helping me with IDL recently.
I truly appreciate all the help and feedback.

So I have successfully written a loop that will write 365 separate files (named Day1, Day2, Day3, .. so on).
The problem is, all of these text files were placed in this directory: HDD-Users-Sam
This is messy.

I have already created 12 separate folders (named January to December). Ultimately, I want IDL to write the above 365 files to the appropriate folder.
For example, the file Day1 would be written in the folder January, and the file Day350 would be written in the folder December.

How would I do this?
Again, thank you very much.

Here's what I have so far:
data = (my data goes in here)
arr = string(intarr(1,365))
for j = 0,364 do begin
 arr(j) = 'Day'+ strtrim(string(j),2) + '.dat'
 get_lun, unit
 openw, unit, arr(j), /get_lun
 printf, unit, data
 close, unit
endfor

Subject: Re: Auto-path finding when writing file
Posted by [Markus Schmassmann](#) on Tue, 18 Jul 2017 15:48:45 GMT
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On 07/18/2017 04:23 PM, thtran296@gmail.com wrote:
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> For example, the file Day1 would be written in the folder January, and the file Day350 would be

written in the folder December.

>

> How would I do this?

> Again, thank you very much.

>

> Here's what I have so far:

> data = (my data goes in here)

> arr = string(intarr(1,365))

month=[replicate('jan',31),replicate('feb',28),replicate('ma r',31)]

> for j = 0,364 do begin

arr(j) = month[j]+'/Day'+ strtrim(string(j),2) + '.dat'

> get_lun, unit

> openw, unit, arr(j), /get_lun

> printf, unit, data

> close, unit

> endfor

you will need to put in the rest of the months... not to mention leap year.

see <http://harrisgeospatial.com/docs/caldat.html>
