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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> So I have successfully written a loop that will write 365 separate files (named Day1, Day2, Day3, .. so on).
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> 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))
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
