
Subject: Re: Loops in filenames?

Posted by [Paul van Delst](#) on Wed, 17 May 2000 07:00:00 GMT

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Bernard Puc wrote:

```
>
> Simon de Vet wrote:
>>
>> I have a number of text files, 'surfout.01', 'surfout.02' ...
>> 'surfout.12'.
>>
>> I can load any one of them into a 3-d array (model, longitude,
>> latitude). However, since each represents a different month, I would
>> like to put them all together into a 4-d array of (month, model,
>> longitude, latitude).
>>
>> The awkward method would be to just load each one in with its own little
>> code, changing the number each time. I know that there must be a better
>> way.
>>
>> Is it possible to load the files with a loop? I don't know where in the
>> help to look for such info, nor even where to start experimenting.
>
> ;To read a set of files
> filename = 'surfout.'
> EXT = ['01','02','03','04','05','06','07','08','09','10','11','12' ]
> for i = 0, 11 do begin
>     openr,lun,/get_lun,filename+EXT[i]
>     ;Read in values
>     free_lun,lun
> endfor
```

Apologies for pickiness but wouldn't one prefer:

```
filename = 'surfout.'
for i = 0, 11 do begin
    openr,lun,/get_lun,filename+STRING(i+1,FORMAT='(i2.2)')
    ;Read in values
    free_lun,lun
endfor
```

?

It's a slow day....can you tell?

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