Subject: Re: Loops in filenames? Posted by Paul van Delst on Wed, 17 May 2000 07:00:00 GMT

View Forum Message <> Reply to Message

```
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 ackward 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
>> wav.
>>
>> 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?
                     Ph: (301) 763-8000 x7274
Paul van Delst
CIMSS @ NOAA/NCEP
                             Fax: (301) 763-8545
Rm.202, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
```

Page 2 of 2 ---- Generated from comp.lang.idl-pvwave archive