
Subject: n Number of output files

Posted by [Sapna Mishra](#) on Wed, 16 Mar 2016 04:15:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello all,

Can any one tell me how can I create n number of output files in idl.

For eg. I want to create fout(i).dat where i=0 to n. Instead of using openw,1 etc. is there any other way of creating it??

Subject: Re: n Number of output files

Posted by [Craig Markwardt](#) on Wed, 16 Mar 2016 17:31:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Wednesday, March 16, 2016 at 12:15:30 AM UTC-4, Sapna Mishra wrote:

> Hello all,

>

> Can any one tell me how can I create n number of output files in idl.

> For eg. I want to create fout(i).dat where i=0 to n. Instead of using openw,1 etc. is there any other way of creating it??

No you use OPENW. This question gets asked at least once per week. See what this does:

```
PRINT, STRING(FOUT[i],format='(A, ".dat")')
```

Subject: Re: n Number of output files

Posted by [Michael Galloy](#) on Wed, 16 Mar 2016 17:31:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

On 3/15/16 10:15 PM, Sapna Mishra wrote:

> Hello all,

>

> Can any one tell me how can I create n number of output files in

> idl. For eg. I want to create fout(i).dat where i=0 to n. Instead of

> using openw,1 etc. is there any other way of creating it??

>

Do you mean something like this? In general, I would always use the /GET_LUN. Also, be careful, there are limits to the number of open files at a given time.

```
luns = lonarr(n)
for i = 0L, n - 1L do begin
    openw, lun, filename[i], /get_lun
    luns[i] = lun
endfor
```

; do whatever you want here

for i = 0L, n - 1L do free_lun, luns[i]

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
