
Subject: Re: Cut down a big file into several files based on its a column.

Posted by [Maarten\[1\]](#) on Fri, 16 Mar 2007 15:34:54 GMT

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On Mar 16, 9:46 am, "DirtyHarry" <kim20...@gmail.com> wrote:

> Thanks, Maarten... but... T.T

>

> Is there any way to do this in Windows version of IDL?

This was my first try. It doesn't quite work, because I can't get the format statement right (how do you insert linebreaks?)

```
;;; failed attempt.
```

```
file='hum.txt'
```

```
ndata=file_lines(file)
```

```
data=intarr(28, ndata)
```

```
for year=2000,2005 do begin
```

```
  openw, unit, string(format="('HumNWS_',I04,'.txt')", year), /get_lun
```

```
  idx = where(data[1,*] eq year, cnt)
```

```
  if cnt gt 0 then begin
```

```
    fmt=string(format="(' ',I04,'(28i6)')", cnt)
```

```
    ; it would ne neat if IDL actually allowed to add newlines between  
the blocks here.
```

```
    printf, unit, format=fmt, data[* ,idx]
```

```
  endif
```

```
  free_lun, unit
```

```
endfor
```

```
end
```

```
;;; Second attempt: use explicit for loop.
```

```
file='hum.txt'
```

```
ndata=file_lines(file)
```

```
data=intarr(28, ndata)
```

```
for year=2000,2005 do begin
```

```
  openw, unit, string(format="('HumNWS_',I04,'.txt')", year), /get_lun
```

```
  idx = where(data[1,*] eq year, cnt)
```

```
  fmt='(28i6)'
```

```
  if cnt gt 0 then $
```

```
    for ii=0,cnt-1 do $
```

```
      printf, unit, format=fmt, data[* ,idx[ii]]
```

```
  free_lun, unit
```

```
endfor
```

end

HTMH,

Maarten
