
Subject: Re: ? Number of lines in a file

Posted by [Karlheinz Knipp](#) on Thu, 06 Feb 1997 08:00:00 GMT

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David Kennedy wrote:

```
>
> In article <5ctkah$rq@uwm.edu>,
>   gunter@alpha1.csd.uwm.edu (David Gunter) writes:
>> I need to know how many lines are in a file so I use:
>>
>>   spawn, "fgrep -cv 'gbrsh' "+filename, n_lines
>>
>> Is there a more efficient way to do this? I've searched the manuals with no
>> luck.
>>
>> BTW, I'm running on a UNIX system for those confused by the above line. ;)
>
> Well, this isn't much easier but 'wc -l'(UNIX) returns the number of lines
> in a file, it simplifies things if nothing else.
> --
> David Kennedy, Dept. of Pure & Applied Physics, Queen's University of Belfast
> Email: D.Kennedy@Queens-Belfast.ac.uk | URL: http://star.pst.qub.ac.uk/~dcjk/
> Hi! I'm a .signature virus! Copy me into yours and join the fun!
```

1. Under UNIX it's also possible to use: `awk "END {print NR}"`
but again: it's a system-call

2. How about the following:

```
;
-----
; open file, get number of bytes, associate data

openr, uni, input_file, /get_lun  &  point_lun, uni, 0
stat = fstat(uni)
bytes = stat.size

if bytes eq 0 then begin
  free_lun, uni
  return, 0
endif

i = assoc(uni, bytarr(bytes))

;
```

```
-----  
; count  
  
test = where(i(0) eq 10b)  
if test(0) eq -1 then count = 0 else count = n_elements(test)  
  
;  
-----  
; free file, return & end  
  
free_lun, uni  
return, count  
end
```

Have fun,
Karl

--
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