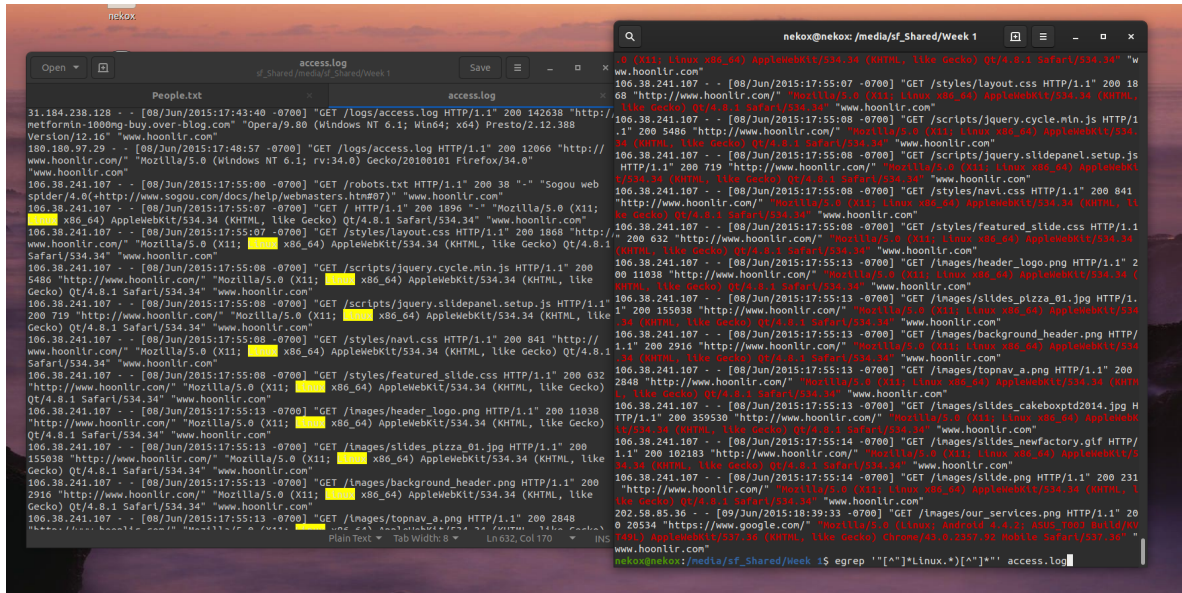


# Fundamentals of Data Management

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## Credit Task 1.2.2

The command used is `egrep '"[^"]*Linux.*"[^"]*"' access.log`, though `egrep '"[^"]*Linux[^"]*"' access.log` should work as well



```
nekoX
Open  media/sf_Shared/Week 1  Save  egrep '"[^"]*Linux.*"[^"]*"' access.log
People.txt  access.log
31.184.238.128 - - [08/Jun/2015:17:43:40 -0700] "GET /logs/access.log HTTP/1.1" 200 142638 "http://metformin-100mg-buy-over-blog.com" "Opera/9.80 (Windows NT 6.1; Win64; x64) Presto/2.12.388 Version/12.10" www.hoonlir.com
180.189.97.29 - - [08/Jun/2015:17:48:57 -0700] "GET /logs/access.log HTTP/1.1" 200 12966 "http://www.hoonlir.com/" "Mozilla/5.0 (Windows NT 6.1; rv:34.0) Gecko/20100101 Firefox/34.0"
106.38.241.107 - - [08/Jun/2015:17:55:00 -0700] "GET /robots.txt HTTP/1.1" 200 38 "-" "Sogou web spider/4.0(+http://www.sogou.com/docs/help/webmasters.htm#07)" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:07 -0700] "GET / HTTP/1.1" 200 1896 "-" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:07 -0700] "GET /styles/layout.css HTTP/1.1" 200 1168 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:08 -0700] "GET /scripts/jquery.cycle.min.js HTTP/1.1" 200 5486 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:08 -0700] "GET /scripts/jquery.slidepanel.setup.js HTTP/1.1" 200 719 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:08 -0700] "GET /styles/navi.css HTTP/1.1" 200 841 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /styles/featured_slide.css HTTP/1.1" 200 632 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /images/header_logo.png HTTP/1.1" 200 11038 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /images/slides_pltza_01.jpg HTTP/1.1" 200 155038 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /images/background_header.png HTTP/1.1" 200 2916 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /images/topnav_a.png HTTP/1.1" 200 2848 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:13 -0700] "GET /images/slides_cakeboxptd2014.jpg HTTP/1.1" 200 359530 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:14 -0700] "GET /images/slides_newfactory.gif HTTP/1.1" 200 102183 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
106.38.241.107 - - [08/Jun/2015:17:55:14 -0700] "GET /images/slide.png HTTP/1.1" 200 231 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; x86_64) AppleWebKit/534.34 (KHTML, like Gecko) Qt/4.8.1 Safari/534.34" www.hoonlir.com
202.58.85.36 - - [09/Jun/2015:18:39:33 -0700] "GET /images/our_services.png HTTP/1.1" 200 20534 "https://www.google.com/" "Mozilla/5.0 (Linux; Android 4.4.2; ASUS_000 Build/NV) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/45.0.2531.95 Mobile Safari/537.36" www.hoonlir.com
nekoX@nekoX:/media/sf_Shared/Week 1$ egrep '"[^"]*Linux.*"[^"]*"' access.log
```

Breaking down the command gives us:

- `"` is used to isolate the command since we'll be searching for `"` commands
- `" ... "` ensures that our search must be within quotation ( `"` ) marks
- `[^"]*` on either side of `Linux` ensures that there is only one pair of quotation marks by allowing *everything but* `"`, hence, we only have one pair of quotation marks
- `Linux`, as we are searching for Linux. the `)` is unneeded.