

Command 1: `grep 'Linux' access.log`

Snapshot:

```
User@DESKTOP-5TPDM6F MINGW64 /c/Users/user/desktop/swinburne semester 2/COS20015/week1/Tutorial_week1
$ grep 'Linux' access.log
54.164.111.86 - - [06/Jun/2015:21:37:35 -0700] "GET / HTTP/1.1" 200 5846 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:31.0) Gecko/20100101 Firefox/31.0" "hoonlir.com"
54.172.220.69 - - [06/Jun/2015:21:37:36 -0700] "GET /robots.txt HTTP/1.1" 200 38 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:31.0) Gecko/20100101 Firefox/31.0" "hoonlir.com"
54.165.92.40 - - [06/Jun/2015:21:40:44 -0700] "GET /robots.txt HTTP/1.1" 200 38 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:31.0) Gecko/20100101 Firefox/31.0" "hoonlir.com"
101.226.65.107 - - [07/Jun/2015:04:32:20 -0700] "GET / HTTP/1.1" 200 5846 "-" "Mozilla/5.0 (Linux; U; Android 4.4.2; zh-cn; GT-I9500 Build/KOT49H) AppleWebKit/537.36 (KHTML, like Gecko) Version/4.0 MQQBrowser/5.0 QQ-Manager Mobile Safari/537.36" "hoonlir.com"
106.38.241.107 - - [08/Jun/2015:17:55:07 -0700] "GET / HTTP/1.1" 200 1896 "-" "Mozilla/5.0 (X11; Linux 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 1868 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; Linux 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; Linux 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; Linux 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; Linux 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/featured_slide.css HTTP/1.1" 200 632 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; Linux 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; Linux 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_pizza_01.jpg HTTP/1.1" 200 155038 "http://www.hoonlir.com/" "Mozilla/5.0 (X11; Linux 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; Linux 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; Linux 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; Linux 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; Linux 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; Linux 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_T00J Build/KVT49L) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/43.0.2357.92 Mobile Safari/537.36" "www.hoonlir.com"
```

Command 2:

```
grep 'Linux' access.log | grep -E -c '\<Chrome\>'
grep 'Linux' access.log | grep -E -c '\<Safari\>'
grep 'Linux' access.log | grep -E -c '\<Firefox\>'
```

Snapshot

```
User@DESKTOP-5TPDM6F MINGW64 /c/Users/user/desktop/swinburne semester 2/COS20015/week1/Tutorial_week1
$ grep 'Linux' access.log | grep -E -c '\<Chrome\>'
1

User@DESKTOP-5TPDM6F MINGW64 /c/Users/user/desktop/swinburne semester 2/COS20015/week1/Tutorial_week1
$ grep 'Linux' access.log | grep -E -c '\<Safari\>'
15

User@DESKTOP-5TPDM6F MINGW64 /c/Users/user/desktop/swinburne semester 2/COS20015/week1/Tutorial_week1
$ grep 'Linux' access.log | grep -E -c '\<Firefox\>'
3
```