

- description :
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ls

```
[www@www tmp]$ ls -alhS | more
```

```
option
a : all
l : long format
h : human reading (K, M, G)
S : sort by Size, t : sort by Time
```

find

```
'_header.txt'
```

```
[www@www tmp]$ find ./ -type 'd' -ls -exec cp ./_header.txt {} \;
```

```
가 0   가
```

```
[www@www tmp]$ find ./ -type 'f' -size 0 -ls
```

```
or
```

```
[www@www tmp]$ find ./ -type 'f' -empty
```

```
가 0
```

```
[www@www tmp]$ find ./ -type f -size 0 -exec rm -f {} \;
```

```
or
```

```
[www@www tmp]$ find ./ -type f -size 0 | xargs rm -f
```

```
or
```

```
[www@www tmp]$ find ./ -type f -size 0 -delete
```

[Find and delete the zero size files and empty directories](#)

du

```
[www@www tmp]$ du | sort -nr
```

sed

```
[www@www tmp]$ sed -i 's|/hello|/Hello Word|g' *.conf
```

/hello , /Hello Word , *.conf 가 conf

crontab

```
[www@www tmp]$ crontab -e
#Repia_Search_RealRank
0,10,20,30,40,50 8-20 * * * /opt/search/RSA/bin/realRank.sh
0 7 * * * /opt/search/RSA/bin/acsctl.sh restart
#root
0,10,20,30,40,50 8-20 * * * su - search -c /opt/search/RSA/bin/realRank.sh
0 7 * * * su - search -c /opt/search/RSA/bin/acsctl.sh restart
```

-e , -l
www crontab -e www
crontab

```
* * * * *
(0-59) (0-23) (1-31) (1-12) (0-7)
```

- (Linux Crontab)

tar

```
[www@www tmp]$ tar fczvh search.tar.gz search
```

f: tar , c: tar , z: gzip , v: View , h():
가

(, , , ...)

```
[www@www tmp]$ tar tvfz archive.tar.gz
```

t: tar List , v: , f: , z:

```
[www@www tmp]$ tar xvfzp archive.tar.gz /
```

/ , tar tvfz .

```
[www@www tmp]$ tar cvfz front_changwon.tar.gz front --exclude "*.mp4"
```

top

(CPU, Memory, Process)

- top

```
[www@www tmp]$ top -b //
[www@www tmp]$ top -n // top ( )
[www@www tmp]$ top -d [sec] // Refresh
[www@www tmp]$ top -c // command
```

lsdf

list open files

```
$ lsdf
```

| COMMAND | PID | USER | FD | TYPE | DEVICE | SIZE/OFF |
|------------------------------------|-----|------|-----|------|--------|----------|
| init | 1 | root | cwd | DIR | 253,0 | 4096 |
| 2 / | | | | | | |
| init | 1 | root | rtd | DIR | 253,0 | 4096 |
| 2 / | | | | | | |
| init | 1 | root | txt | REG | 253,0 | 150352 |
| 3932 /sbin/init | | | | | | |
| init | 1 | root | mem | REG | 253,0 | 65928 |
| 784927 /lib64/libnss_files-2.12.so | | | | | | |

```
init 1 root DEL REG 253,0
784911 /lib64/libc-2.12.so
init 1 root DEL REG 253,0
785325 /lib64/libgcc_s-4.4.7-20120601.so.1.#prelink#.YDRQV5
init 1 root DEL REG 253,0
784939 /lib64/librt-2.12.so
init 1 root DEL REG 253,0
784935 /lib64/libpthread-2.12.so.#prelink#.0jHMuJ
```

- COMMAND :
- PID : process id
- USER :
- FD: File Descriptor,
- TYPE :
- DEVICE :
- SIZE/OFF :
- NODE :
- NAME :

-i IPv4 IPv6

```
$ lsof -i 4
```

| COMMAND | PID | USER | FD | TYPE | DEVICE | SIZE/OFF | NODE | NAME |
|-----------|------|---------|----|------|--------|----------|------|------------------------|
| rpcbind | 1068 | rpc | 6u | IPv4 | 11858 | 0t0 | UDP | *:sunrpc |
| rpcbind | 1068 | rpc | 7u | IPv4 | 11860 | 0t0 | UDP | *:819 |
| rpcbind | 1068 | rpc | 8u | IPv4 | 11861 | 0t0 | TCP | *:sunrpc (LISTEN) |
| rpc.statd | 1086 | rpcuser | 5r | IPv4 | 11949 | 0t0 | UDP | *:838 |
| rpc.statd | 1086 | rpcuser | 8u | IPv4 | 11955 | 0t0 | UDP | *:47492 |
| rpc.statd | 1086 | rpcuser | 9u | IPv4 | 11959 | 0t0 | TCP | *:38374 (LISTEN) |
| cupsd | 1159 | root | 7u | IPv4 | 12195 | 0t0 | TCP | localhost:ipp (LISTEN) |

Ref

- [How can I sort du -h output by size](#)

, , , , , , ls, find, seq, crontab, tar

