

- 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
#Repli_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 fcvh 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
```

lsof

list open files

```
$ lsof  
  
COMMAND PID USER FD TYPE DEVICE SIZE/OFF  
NODE NAME  
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

