

### CHMOD

PERMISSION	EXAMPLE
User Group World	Command
rwX rwX rwX	chmod 777 filename
rwX rwX r-X	chmod 775 filename
rwX r-X r-X	chmod 755 filename
rw- rw- r--	chmod 664 filename
rw- r-- r--	chmod 644 filename

r = Readable w = writable x = executable - = no permission

To get a combination, just add them up. For example, to get read, write, execute by owner, read, execute, by group, and execute by anybody, you would add 400+200+100+040+010+001 to give 751.

### File Operations

touch file1	<i>Create file1</i>	mv file1 file2	<i>Move file1 to file2</i>
cat file1 file2	<i>Concatenate files</i>	rm file1	<i>*Delete file1</i>
less file1	<i>View and paginate file1</i>	head file1	<i>Show first 10 lines of file1</i>
file file1	<i>Get type of file1</i>	tail file1	<i>Show last 10 lines of file1</i>
cp file1 file2	<i>Copy file1 to file2</i>	tail -f file1	<i>Output of file1 as it changes</i>

### Process Management

ps  
*Show snapshot of processes*

top  
*Show real time processes*

kill pid  
*Kill process with id pid*

pkill name  
*Kill process with name name*

killall name  
*Kill all processes with names beginning name*



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