

CHMOD

PERMISSION	EXAMPLE
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User Group World	Command
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rwX rwX rwX	chmod 777 filename
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rwX rwX r-X	chmod 775 filename
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rwX r-X r-X	chmod 755 filename
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rw- rw- r--	chmod 664 filename
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rw- r-- r--	chmod 644 filename
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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>
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cat file1 file2	<i>Concatenate files</i>	rm file1	<i>Delete file1</i>
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less file1	<i>View and paginate file1</i>	head file1	<i>Show first 10 lines of file1</i>
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file file1	<i>Get type of file1</i>	tail file1	<i>Show last 10 lines of file1</i>
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cp file1 file2	<i>Copy file1 to file2</i>	tail -f file1	<i>Output of file1 as it changes</i>
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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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