

File system command

cat	cat <i>file</i> cat <i>file1 file2</i> cat	Concatenate and display <i>file</i> Concatenate and display <i>file1</i> and <i>file2</i> Read from standard input file
cd	cd <i>dir1</i> cd <i>/usr/bin</i> cd	Change current directory to <i>dir1</i> Change current directory to <i>/usr/bin</i> Change to home directory
	cd ..	Change current directory to 1 level up
clear	Clear	Clear the current screen
cp	cp <i>file1 file2</i> cp <i>file1 file2 ... dir1</i>	Copy <i>file1</i> to <i>file2</i> Copy <i>file1, file2 ...</i> to <i>dir1</i>
ls	ls ls <i>/usr/bin</i>	List the files in the current directory List the files in the <i>/usr/bin</i> directory
more	more <i>file1</i>	Display <i>file1</i> with paging
less	less <i>file1</i>	Display <i>file1</i> with paging and backward movement
mkdir	mkdir <i>dir1</i>	Create a new directory called <i>dir1</i>
mkfile	/usr/sbin/mkfile 100 <i>file1</i> /usr/sbin/mkfile 10k <i>file1</i> /usr/sbin/mkfile 1m <i>file1</i>	Make a 100 bytes dummy file named <i>file1</i> Make a 10 kilobytes dummy file named <i>file1</i> Make a 1 megabytes dummy file named <i>file1</i>
mv	mv <i>file1 file2</i> mv <i>file1 file2 ... dir1</i> mv <i>dir1 dir2</i>	Move <i>file1</i> to <i>file2</i> (similar to rename) Move <i>file1, file2 ...</i> to <i>dir1</i> If <i>dir2</i> is not exists, rename <i>dir1</i> to <i>dir2</i> Else move <i>dir2</i> into <i>dir1</i>
rm	rm <i>file1</i> rm <i>file1 file2 ...</i> rm -r <i>dir1</i>	Remove <i>file1</i> Remove <i>file1, file2 ...</i> Remove <i>dir1</i> with subdirectories
rmdir	rmdir <i>dir1</i>	Remove directory <i>dir1</i> (must be empty)
ln	ln <i>file1 file2</i> ln -s <i>file1 file2</i> ln -s <i>dir1 dir2</i>	Create a hard link named <i>file2</i> and link to <i>file1</i> Create a symbolic link named <i>file2</i> and link to <i>file1</i> Create a symbolic link named <i>dir2</i> and link to <i>dir1</i>

File system utility

chmod	chmod o+r <i>file1</i> chmod g-w <i>file1</i> chmod u+x <i>file1</i> chmod o+r <i>dir1</i> chmod o+w <i>dir1</i> chmod o+x <i>dir1</i> chmod 740 <i>file1</i>	Allow other users to read from <i>file1</i> Disallow users of the same group to write to <i>file1</i> Allow myself to execute <i>file1</i> Allow other users to list contents of <i>dir1</i> Allow other users to add/remove files from <i>dir1</i> Allow other users to access <i>dir1</i> Allow myself to RWX, group to read, other denied on <i>file1</i>
du	du	Display the disk usage
df	df -k	Display free space in kilobytes
find	find . -type f -name " <i>file1</i> *.*" find . -type d -name " <i>dir1</i> *"	Recursively find a file with its name begins with " <i>file1</i> " Recursively find a directory with its name begins with " <i>dir1</i> "
gzip	gzip <i>file1</i> gzip -d <i>file1.gz</i>	Compress <i>file1</i> into <i>file1.gz</i> Decompress <i>file1.gz</i> back to its original file
pico	pico <i>file1</i>	Create or open <i>file1</i> for text editing
tar	tar cvf <i>tar1.tar file1</i> tar cvf <i>tar1.tar dir1</i> tar tf <i>tar1.tar</i> tar xvf <i>tar1.tar</i> tar xvf <i>tar1.tar file1</i>	Create a tape archive <i>tar1.tar</i> with file <i>file1</i> Create a tape archive <i>tar1.tar</i> with contents of <i>dir1</i> List the contents of <i>tar1.tar</i> Extract <i>tar1.tar</i> to current directory Extract <i>file1</i> from <i>tar1.tar</i> to current directory

File operation command

cmp	cmp <i>file1 file2</i>	Compare the contents of <i>file1</i> and <i>file2</i>
comm	comm <i>file1 file2</i>	Display the common lines of two sorted file
diff	diff <i>file1 file2</i>	Compare the contents of text file <i>file1</i> and <i>file2</i>
dos2unix	dos2unix <i>file1 file2</i>	Converts a DOS text file <i>file1</i> to UNIX (ISO) text file <i>file2</i>
head	head -n10 <i>file1</i>	Print the first 10 lines for <i>file1</i>
grep	grep <i>file1</i> " <i>pattern</i> " grep " <i>pattern</i> "	Print lines from <i>file1</i> matching " <i>pattern</i> " Print lines from standard input matching " <i>pattern</i> "
join	join <i>file1 file2</i>	Join two sorted text files by their key
sort	sort <i>file1</i> sort <i>file1 file2</i> ...	Sort the contents of <i>file1</i> Sort and merge the contents of <i>file1, file2</i> ...
tail	tail -n10 <i>file1</i>	Print the last 10 lines for <i>file1</i>
touch	touch <i>file1</i> touch <i>file1, file2</i> ...	Set the access and modification time of <i>file1</i> to now Set the access and modification time of <i>file1, file2</i> ... to now
uniq	uniq <i>file1</i>	Removes successive duplicated lines from <i>file1</i>
unix2dos	unix2dos <i>file1 file2</i>	Converts a UNIX (ISO) text file <i>file1</i> to DOS text file <i>file2</i>
wc	wc <i>file1</i>	Display word count of <i>file1</i>

Process utility

bg	bg	Send a suspended job to background
fg	fg fg %1	Retrieve a background job to foreground Retrieve background job 1 to foreground
jobs	jobs	Display list of jobs
ps	ps ps -ef ps -ef grep "d1234567"	Display process status Display all process status in full listing Display all process status containing "d1234567"
kill	kill 12345 kill -9 12345 kill % kill %1	Kill process with process id 12345 Kill process (untrappable) with process id 12345 Kill a background job Kill background job 1
nice	nice <i>file1</i>	Execute <i>file1</i> at lower priority
top	top	Display the system usage

Console utility

ftp	ftp ftp <i>host</i>	Start File Transfer Program Start FTP session to <i>host</i>
scp	scp <i>user1@host1:file1</i> <i>user2@host2:file2</i>	Copy <i>file1</i> at <i>host1</i> as <i>user1</i> , to <i>file2</i> at <i>host2</i> as <i>user2</i>
ssh	ssh <i>host</i>	Connect a SSH session to <i>host</i>
telnet	telnet telnet <i>host</i>	Start Telnet Start Telnet session to <i>host</i>

Reference manual

man	man <i>command</i>	Display the manual page of <i>command</i>
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