

Navigation

Utility	Purpose
pwd	Display current working directory
cd	Change directory
ls	List files and directories
tree	Display directory tree

Delete

Utility	Purpose
rm	Remove files/directories
rmdir	Remove empty directories
shred	Securely overwrite and remove files

File Information

Utility	Purpose
stat	Detailed file information
file	Determine file type
ls -l	File permissions and ownership
du	Directory size
df	Directory size

Compare Files

Utility	Purpose
diff	Compare files line by line
cmp	Compare byte by byte
comm	Compare sorted files

Create

Utility	Purpose
touch	Create empty file/update timestamp
mkdir	Create directory

View Files

Utility	Purpose
cat	Display file contents
less	View large files
more	Simple pager
head	First lines
tail	Last lines
nl	Display line numbers

Links

Utility	Purpose
ln	Create hard links
ln -s	Create symbolic links
readlink	Display symbolic link target
realpath	Resolve absolute path

Archive & Compression

Utility	Purpose
tar	Archive
cpio	Archive
gzip	Compress
bzip2	Compress
xz	Compress

Copy & Move

Utility	Purpose
cp	Copy files/directories
mv	Move or rename files/directories

Search

Utility	Purpose
find	Search files/directories
locate	Fast filename search
which	Locate executable
whereis	Locate binary, source, man page

Permissions & Ownership

Utility	Purpose
chmod	Change permissions
chown	Change owner
chgrp	Change group
umask	Set default permissions

File Synchronization

Utility	Purpose
rsync	Synchronize files/directories

Disk Usage

Utility	Purpose
du	Directory usage
df	Filesystem usage



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