

File Commands

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| ls | Directory Listing |
| ls -al | Formatted Listing with Hidden Files |
| cd <i>dir</i> | Change Directory to <i>dir</i> |
| cd | Change Directory to home |
| pwd | Show Current Directory |
| mkdir <i>dir</i> | Make New Directory <i>dir</i> |
| rm <i>file</i> | Remove File <i>file</i> |
| rm -r <i>dir</i> | Remove Directory <i>dir</i> |
| rm -f <i>file</i> | Force Remove File <i>file</i> |
| rm -rf <i>dir</i> | Force Remove Directory <i>dir</i> |
| cp <i>file1 file2</i> | Copy <i>file1</i> to <i>file2</i> |
| mv <i>file1 file2</i> | Rename/Move <i>file1</i> to <i>file2</i> |
| ln -s <i>file link</i> | Creates a Symbolic <i>link</i> to <i>file</i> |
| touch <i>file</i> | Create or Update <i>file</i> |
| cat > <i>file</i> | Place Standard Input into <i>file</i> |
| more <i>file</i> | Output Contents of <i>file</i> |
| less <i>file</i> | Output Contents of <i>file</i> |
| head <i>file</i> | Output First 10 Lines of <i>file</i> |
| tail <i>file</i> | Output Last 10 Lines of <i>file</i> |
| tail -f <i>file</i> | Output Contents of <i>file</i> as it Grows |

System

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|----------------|--|
| uname -a | Display Linux System Information |
| uname -r | Display Kernel Release Information |
| uptime | Show how long the system has been running + load |
| lsb_release -a | Get Ubuntu Version |

Privileges

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|------------------------|-----------------------------|
| sudo <i>command</i> | Run <i>command</i> as Root |
| sudo -s | Open a Root Shell |
| sudo -s -u <i>user</i> | Open a Shell as <i>user</i> |
| sudo -k | Forget sudo Passwords |
| gksudo | Visual sudo Dialog (GNOME) |
| kdesudo | Visual sudo Dialog (KDE) |
| sudo visudo | Edit /etc/sudoers |
| passwd | Change Your Password |

Package Management

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|----------------------------|----------------------------|
| apt-get update | Refresh Available Updates |
| apt-get upgrade | Update All Packages |
| apt-get dist-upgrade | Upgrade Ubuntu Version |
| apt-get install <i>pkg</i> | Install <i>pkg</i> |
| apt-get purge <i>pkg</i> | Uninstall <i>pkg</i> |
| apt-get -f install | Try to Fix Broken Packages |

Hardware

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| dmesg | Detect Hardware and Boot Messages |
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Network

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|-------------------------|------------------------------|
| ifconfig | Display Network Information |
| iwconfig | Display Wireless Information |
| ifup <i>interface</i> | Enable <i>interface</i> |
| ifdown <i>interface</i> | Disable <i>interface</i> |

