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Redhat linux commands cheat sheet

Many Linux commands you type at a shell prompt are not that different from the commands you would type either in MS-DOS or in Windows (from the MS-DOS prompt). In fact, some commands are identical. What follows are some common commands used at the MS-DOS prompt in Windows 9x, and in Linux, as well as a basic example of how the command is used at the Linux shell prompt. Note that these commands usually have a number of options. To learn more about each command, read its associated man page (for example, type man ls at the shell prompt to read about the ls command). Table C-1. Similar CommandsCommand's PurposeMS-DOSLinuxBasic Linux ExampleCopies filescopycpcp thisfile.txt /home/thisdirectoryMoves filesmovemvmv thisfile.txt /home/thisdirectoryLists filesdirlslsClears screenclsclearclearCloses prompt windowexitexitexitDisplays or sets datedatedatedateDeletes filesdelrmrm thisfile.txt"Echoes" output on the screenechoechoecho this messageEdits files with simple text editoreditpico[a]pico thisfile.txtCompares the contents of filesfcdiffdiff file1 file2Finds a string of text in a filefindgrepgrep this word or phrase thisfile.txtFormats a floppyformat a: (if floppy's in A:)mke2fs (or mformat[b])/sbin/mke2fs /dev/fd0 (/dev/fd0 is the Linux equivalent of A:)Displays command helpcommand /?man[c]man commandCreates a directorymkdirmkdirmkdir directoryScreens through a filemoreless[d]less thisfile.txtRenames a filerenmvmv thisfile.txtRenames a filerenmvmv thatfile.txt[e]Shows your location in the file systemchdirpwdpwdChanges directories with a specified path (absolute path)cd pathnamecd pathnamecd /directory/directoryChanges directories with a relative pathcd ..cd ..cd ..Displays the timetimedatedateShows amount of RAM and usememfreeprocinfoNotes:a. Pico is a simple text editor; other editors you can use in place of pico include emacs and vi.b. This formats a disk for the DOS filesystem.c. Or you can use info for some commands.d. You can also another pager, called more, to scroll through a file a screen at at time.e. The mv command serves double-duty, because it can both move a file and, if you want to rename a file in the same directory, you "move" that file to the same directory with a new name, as in this example. Red Hat Enterprise Linux (RHEL) comes with a variety of different tools to manage and configure operating system services and included applications - but the scope of tools and services can be overwhelming. In real life, most administrators can go using to use the same types of commands to perform routine tasks, so you don't need to know all the thousands of potential commands and services. When you master the basics, you can manage your infrastructure for most required tasks. These cheat sheets work to simplify and clarify managing RHEL systems by showing common commands for common scenarios. These are references (not manuals or how-tos), but they can be handy tools when you need to try a new command or remember how to do something. (And if you want other tools for using RHEL, check out www.engage.redhat.com/discover-more.) Topic Description RHEL Versions RHEL 8 commands Basic administrative commands, including yum RHEL 8 Basic Linux commands A range of basic to advanced commands; screenshots of command output; tips from cat to tar -xf somefile.tar.gz. All Advanced Linux commands Get started developing a web application on Red Hat Enterprise Linux 7; set up a SELinux boolean; run a program in the background in your shell; use Java instead of PHP RHEL 7 systemd A quick reference to the systemd systemctl and journalctl commands, options, and tasks for managing boot process, system services, and runlevels. 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Note CentOS Ubuntu Repository configuration file /etc/yum.repos.d/*.repo /etc/apt/sources.list Repository configuration file /etc/yum.conf /etc/apt/apt.conf (Create) Proxy Configuration Acquire::http::Proxy " ; Package search yum search STRINGS apt search STRINGS Package search apt list PACKAGE apt list php Package Detail yum info PACKAGE apt show PACKAGE apt show php Package installation yum install PACKAGE apt install PACKAGE apt -f install PACAGE ← Repair broken dependencies Package uninstall yum remove PACKAGE apt purge PACKAGE List of repositories yum list apt list Repository update Automatic update every time apt update ← In Ubuntu you need to do Update installed packages apt-get upgrade Note CentOS Ubuntu Package installation rpm -i PACKAGE.rpm dpkg -i PACKAGE.deb List of installed packages rpm -qa rpm -qa dpkg -l |grep xxx dpkg -l |grep XXX dpkg -l |grep ^ii (Also show deleted packages) Confirm installed package rpm -q PACKAGE dpkg -l PACKAGE List of files included in package rpm -ql PACKAGE dpkg -L PACKAGE Package confirmation including file rpm -qf PACKAGE dpkg -S PACKAGE Package uninstall rpm -e PACKAGE dpkg -P PACKAGE Note CentOS6 CentOS7 Ubuntu Service status check service SERVICE status /etc/init.d/SERVICE status systemctl UNIT status service SERVICE status /etc/init.d/SERVICE status Start service service SERVICE start /etc/init.d/SERVICE start systemctl UNIT start service SERVICE start /etc/init.d/SERVICE start Stop service service SERVICE stop /etc/init.d/SERVICE stop systemctl UNIT stop service SERVICE stop /etc/init.d/SERVICE stop Automatic start setting confirmation chkconfig --list ls -l /etc/rc*.d/ sysv-rc-conf --list (apt-get install sysv-rc-conf) Automatic start enable chkconfig SERVICE on systemctl enable UNIT update-rc.d SERVICE enable Disable auto start chkconfig SERVICE off systemctl disable UNIT update-rc.d SERVICE disable Auto start service added chkconfig --add SERVICE inserv -d SERVICE Automatic start service deletion chkconfig --del SERVICE inserv -r SERVICE Service setting file /etc/sysconfig/SERVICE /etc/default/SERVICE Note CentOS Ubuntu Apache/httpd /etc/httpd/httpd.conf /etc/apache2/apache2.conf mysql /etc/my.cnf /etc/mysql/my.cnf php /etc/php.ini /etc/php5/apache2/php.ini(For the web) /etc/php5/cli/php.ini(For Command) /etc/php5/conf.d/*.ini(For the web adn Command) Note CentOS Ubuntu OS Version /etc/redhat-release /etc/issue Tips:cat /etc/*release /etc/lsb-release /etc/issue Tips:cat /etc/*release Hostname /etc/sysconfig/network /etc/hostname Network Interfaces /etc/sysconfig/network-scripts/ifcfg-X Example /etc/sysconfig/network-scripts/ifcfg-eth0 /etc/network/interfaces Defautlt Gateway Configuration /etc/sysconfig/network /etc/network/interfaces Run Level /etc/inittab Lang /etc/sysconfig/i18n /etc/default/locale Modification method update-locale LANG=ja_JP.UTF-8 Timezone Modification method dpkg-reconfigure tzdata Keyboard /etc/sysconfig/keyboard /etc/default/keyboard Modification method dpkg-reconfigure keyboard-configuration cron /var/spool/cron/USER /var/spool/cron/crontabs/USER Note CentOS Ubuntu DNS /etc/resolv.conf /etc/resolv/conf hosts /etc/hosts /etc/hosts Note CentOS Ubuntu syslog /var/log/messages /var/log/syslog Audit log /var/log/secure /var/log/auth.log mail log /var/log/maillog /var/log/mail.log cron log /var/log/cron /var/log/syslog os/linux/note/rhel-vs-ubuntu.txt · Last modified: 2021/06/28 by admin This article provides you with a list of best Linux command line cheat sheets that you can download for free. 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