Fedora 13 Cheat Sheet

Digitizor

Privileges

sudo command – run command as root
sudo -s – open a root shell
sudo -s -u user – open a shell as user
sudo -k – forget sudo passwords
gksudo command – visual sudo dialog (GNOME)
kdesudo command – visual sudo dialog (KDE)
sudo visudo – edit /etc/sudoers
sudo nautilus – root file manager (GNOME)
sudo konqueror – root file manager (KDE)
passwd – change your password

Application Names

nautilus – file manager (GNOME)
dolphin – file manager (KDE)
kate – text editor (KDE)
gedit – text editor (GNOME)

System Services

sudo service *service* status – check if *service* is running
sudo service *service* start – start *service*
sudo service *service* stop – stop *service*
sudo service *service* restart – restart *service*
runlevel – get current runlevel
sudo chkconfig --level 35 *service* on/off – set *service* to run/not run in runlevels 3,5
uname -r – get kernel version
uname -a – get all kernel information

Setup YUM and SUDO

Setting up SUDO: **su -c 'echo "$USER ALL=(ALL) NOPASSWD:ALL" >> /etc/sudoers'**
Setting up YUM: **sudo rpm -ivh http://download1.rpmfusion.org/free/fedora/rpmfusion-free-release-stable.noarch.rpm \ http://download1.rpmfusion.org/nonfree/fedora/rpmfusion-nonfree-release-stable.noarch.rpm && sudo rpm --import /etc/pki/rpm-gpg/RPM-GPG-KEY-rpmfusion-* && sudo rpm --import /etc/pki/rpm-gpg/***

Firewall

sudo service iptables on – start *firewall*
sudo service iptables off – stop *firewall*
sudo iptables -L – show current config
sudo iptables -a INPUT -j ACCEPT – allow all connections
sudo iptables -a INPUT -j REJECT – deny all connections
sudo iptables -a INPUT --dport *port* -j ACCEPT – allow connection to *port*
sudo iptables -a INPUT --dport *port* -j REJECT – deny connection to *port*
sudo iptables -F – Reset firewall config

Network

ifconfig – show network information
iwconfig – show wireless information
sudo iwlist scan – scan for wireless network
sudo service network restart – reset network for manual configuration
(file)/etc/sysconfig/network-scripts/ifcfg-*interface* – edit your gateway here
sudo service NetworkManager restart – reset network to use NetworkManager
sudo chkconfig --level 35 network on \ sudo chkconfig --level 35 NetworkManager off – in case you have network problems with the NetworkManager applet.
ifup *interface* – bring *interface* online
ifdown *interface* – disable *interface*

Display

Ctrl+Alt+Bksp – restart X display if frozen
(file)/etc/X11/xorg.conf – display config
Xorg -configure – create new config file
Ctrl+Alt+F*N* – switch to tty*N*
Ctrl+Alt+F1 – switch back to X display

Package Management

sudo yum update – same as update
sudo yum check-update – check for availability of updates for installed packages
sudo yum install *pkg* – install *pkg*
sudo yum remove *pkg* – remove *pkg*
sudo yum clean – clean the cache
(file) /etc/yum.conf – configuration for the repos. Set **keepcache=1** in this file for retaining all packages downloaded by yum
Fixing the YUM/RPM Database:
sudo yum clean all
sudo yum clean metadata
sudo yum clean dbcache
sudo rpm -vv --initdb
sudo rm -f /var/lib/rpm/__db*
sudo rpmdb -vv --rebuilddb > /dev/null

Setup MP3 and Video

Audio(MP3): **sudo yum install rhythmbox gstreamer-plugins-ugly gstreamer-plugins-bad gstreamer-ffmpeg**
Video: **sudo yum install xine xine-lib-extras xine-lib-extras-freeworld**

Flash Plugin

Flash Support: **sudo rpm -ivh http://fpdownload.macromedia.com/get/flashplayer/current/flash-plugin-10.0.32.18-release.i386.rpm && su -c 'yum install flash-plugin alsa-plugins-pulseaudio libcurl'**