

Archlinux Cheat Sheet

Configuration Files	Pacman	Xorg configuration
<code>/etc/rc.conf</code> Main configuration File, modules, daemons, network. <code>/etc/locale.gen</code> Locale Config <code>/etc/makepkg.conf</code> Makepkg configurarion file <code>/etc/pacman.conf</code> Pacman config file <code>/etc/abs.conf</code> ABS config file <code>/etc/mkinitcpio.conf</code> Initrd cofiguration <code>/etc/conf.d/</code> Daemons configuration <code>/etc/pacman.d/</code> Mirrors config for pacman <code>/etc/rc.d/</code> Daemons start scripts	<code>pacman -S package-name</code> Installs package <code>pacman -R package-name</code> Removes package <code>pacman -Rns package-name</code> Removes package, deps, and config file <code>pacman -Suy</code> Updates the system <code>pacman -Ss string</code> Search string in the package DB <code>pacman -Q package-name</code> Search the package in system <code>pacman -Qi package-name</code> List files whithin the package <code>pacman -U package-name.tar.gz</code> Installs a given package file <code>pacman -Qe</code> List explicit installed packages <code>pacman -Qm</code> List AUR packages <code>pacman -[Q S R U] --help</code> Shows helps for the given option <code>makepkg -s</code> Auto install deps for AUR packages Useful man pages: <code>pacman.conf</code> , <code>pacman</code> , <code>makepkg</code>	<code>pacman -S xorg</code> Installs xorg <code>pacman -Ss xf86-video</code> List generic video drivers <code>Xorg -configure</code> <code>nvidia-xconfig</code> Configure a <code>xorg.conf</code> file [New versions of Xorg should detect everything, install <code>hal</code> with <code>pacman</code> and then try <code>startx</code>] In order to boot in X you should add a login manager to the daemons array (GDM, Slim, Kdm), use the <code>startx</code> script or change the <code>initlevel</code> and login manager in <code>/etc/inittab</code> Useful man pages: <code>xorg.conf</code> , <code>inittab</code>

Useful Groups	Other Common Packages
<code>gpasswd -a user group</code> Add user to group: <code>lp</code> For printers <code>audio</code> For audio <code>optical</code> Acces to optical drives <code>storage</code> Acces to storage devices <code>video</code> Access to video devices Useful man pages: <code>useradd</code> , <code>gpasswd</code> , <code>groups</code>	<code>pacman -S ttf-ms-fonts ttf-dejavu ttf-bitstream-vera</code> Some fonts <code>pacman -S gnome gnome-extra gdm</code> Installs Gnome, extra apps and the GDM login manager <code>pacman -S elinks</code> Text mode browser <code>pacman -S firefox jre flashplugin</code> Installs Firefox with JRE and Adobe Flash plugins <code>pacman -S vimdiff</code> Useful to check differences between files, like a <code>.pacnew</code> config file <code>pacman -S alsa-lib alsa-utils</code> Installs <code>alsa</code> , then run <code>alsaconfig</code> <code>pacman -S codecs gstreamer0.10-bad gstreamer0.10-ugly</code> <code>gstreamer0.10-ffmpeg gstreamer0.10-ugly-plugins</code> Proprietary codecs

Links and information

Forum: <http://bbs.archlinux.org>

Wiki: <http://wiki.archlinux.org>

Aur: <http://aur.archlinux.org>

IRC: `#archlinux`, `#archlinux-offtopic` at Freenode

* Use `man` to get the manual pages, in some cases, a given command may had more than one man page, to acces all of them use '`man -a command`' or '`man N command`' if you know wich page it's.

* Search the web, the wiki and forums at any troubles

* Always check `.pacnew` files

* Always read news and forum before a full system update

* Check logs for important messages and errors (`/var/log/`)

* Read the `PKGBUILD` before install any software from AUR