Arch Linux

I use Arch Linux (or the spinoff ARM version) on practically all my machines.

Download

You can [download Arch here](#)

Basic commands and usage

Before going through the install guide you really should know these.

Lower/upper case is important in linux.

You can use arrow keys to navigate through your previous commands.

CTRL+ALT+F1-F12 - key combination for switching between terminals

cd DIRECTORY - for example cd /home/baf/Downloads - chooses directory

nano FILE - edit a text file

CTRL + C - break from a command, for example a ping

lsblk - lists all your drives and their partitions.

elinks - tool you can use to view webpages from the CLI

irssi - IRC in the CLI in case you get lost, #archlinux on Libera should help you out if you ask nicely.

Installing GPU proprietary drivers

Nvidia

sudo nano /etc/pacman.conf - uncomment *[multilib]* and the line below it. This is required for 32bit applications.

sudo pacman -Syu - synchronize the repository databases and update the system's packages

sudo pacman -S nvidia nvidia-libgl lib32-nvidia-libgl nvidia-settings

reboot

AMD

Do not use Catalyst. If you think you have to, rather get another GPU.

Table of hardware with needed drivers is [here](#).

Installing packages from AUR

You can download user created PKGBUILDs from the [AUR.](#)

Package managers

Pacman

Usage: `tldr pacman` + the rest of this page:

-S has a useful --ignore *packagename* flag, which lets you ignore a broken package when doing a full update for example. Use multiple times when you want to avoid installing more packages. There's also a --noconfirm flag, which ignores confirmation of actions.

pacman -Qm - List packages installed locally.(that includes AUR)

You can get to the package cache via this command **cd /var/cache/pacman/pkg/** and then use **pacman -U *packagename*** to downgrade/reinstall a package.

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