Set keymap

```
loadkeys <keymap>
```

Partitioning

1. 1024MB EFI partition # ef00 /boot/efi
2. 4096MB Linux partition # 8300 /boot
3. 100% Linux partition # 8300 /

```
cgdisk /dev/sda
```

Formatting

> /boot/efi

```
mkfs.vfat -F 32 /dev/sda1
```

> /boot

```
mkfs.ext2 /dev/sda2
```

> /

```
mkfs.ext4 /dev/sda3
```

Mounting

The root partition

```
mount /dev/sda3 /mnt
```

Create the boot mount point

```
mkdir /mnt/boot
```

Mounting the boot partition

```
mount /dev/sda2 /mnt/boot
```

Create the EFI mount point

```
mkdir /mnt/boot/efi
```

Mounting the EFI partition

```
mount /dev/sda1 /mnt/boot/efi
```

Update mirrorlist

```
reflector -c <country> --sort delay --save /etc/pacman.d/mirrorlist -p https
```

Init pacman

```
pacman-key --init && pacman-key --populate archlinux
```

Installation

NVIDIA - ArchWiki

Code name	Official Name	Nvidia 3D object codename
NV04	Riva TNT, TNT2	Fahrenheit
NV10	GeForce 256, GeForce 2, GeForce 4 MX	Celsius
NV20	GeForce 3, GeForce 4 Ti	Kelvin
NV30	GeForce 5 / GeForce FX	Rankine
NV40	GeForce 6, GeForce 7	Curie
NV50	GeForce 8, GeForce 9, GeForce 100, GeForce 200, GeForce 300	Tesla
NVC0	GeForce 400, GeForce 500	Fermi
NVE0	GeForce 600, GeForce 700, GeForce GTX Titan	Kepler
NV110	GeForce 750, GeForce 900	Maxwell
NV130	GeForce 1060, GeForce 1070	Pascal
NV140	NVIDIA Titan V	Volta
NV160	GeForce RTX 2060, GeForce GTX 1660	Turing
NV170	GeForce RTX 3060, GeForce RTX 3070	Ampere
NV190	GeForce RTX 4060, GeForce RTX 4070	Ada Lovelace

Code name	Official Name
NV10	GeForce 256 Quadro
NV11	GeForce2 Go, MX Quadro2 (EX, MXR)
NV15	GeForce2 GTS, Pro, Ti, Ultra Quadro2 Pro
NV17	GeForce4 MX 420, MX 440, MX 440-SE (AGP 4x), MX 460 Quadro4 500 XGL, 550 XGL, Quadro NVS (100, 200)
NV18	GeForce4 MX 440-SE (AGP 8x), MX 440-8x, MX 4000, 420 Go, 440 Go, 448 Go, 460 Go, 488 Go, GeForce PCX 4300 Quadro4 380 XGL, 580 XGL, Quadro NVS (50, 280, 400)
NV1A	GeForce2 IGP
NV1F	GeForce4 MX IGP

Code name	Official Name
NV20	GeForce3 (Ti), Quadro DCC
NV25	GeForce4 Ti 4200, Ti 4400, Ti 4600 Quadro4 700 XGL, 750 XGL, 900 XGL
NV28	GeForce4 Ti 4200-8X, Ti 4800 (SE), 4200 Go Quadro4 780 XGL, 980 XGL
NV2A	XBOX GPU

NV30	**GeForce FX 5800 (Ultra)** **Quadro FX (1000, 2000)**
NV31	GeForce FX 5600 (Ultra, XT, Go) Quadro FX 700
NV34	GeForce FX 5100 Go, 5200 (Ultra, Go), 5300, 5500, GeForce PCX 5300 Quadro FX (330, 500, 600 PCI), NVS 280
NV35	GeForce FX 5900 (ZT, XT, SE), 5950 Ultra, GeForce PCX 5900, 5950 Quadro FX (1300, 3000, 3000G)
NV36	GeForce FX 5700 (Ultra, VE, LE, Go), 5750, GeForce PCX 5750 Quadro FX 1100##

Code name	Official Name
NV40	GeForce 6800 (Ultra, GT, GS, XT, LE, GTO) Quadro FX 4000 (SDI), Quadro FX 3400, 4400
NV41	GeForce 6800 (XT, GTO, Go Ultra) Quadro FX 1400
NV42	GeForce 6800 (GS, Go) Quadro FX (3450, 4000 SDI)
NV43	GeForce 6200, 6500, 6600 (LE, GT, Go, Go TE, Go Ultra), 6700 XL Quadro FX (540, 540M, 550), NVS 440
NV44	GeForce 6200 (TC, Go), 6250 Go, 6400 Go, 7100 GS Quadro NVS 285
NV46 (G72)	GeForce 7200 (GS, Go), 7300 (LE, GS, Go), 7400 Go, 7500 Quadro FX 350(M), NVS (110M, 120M, 300M, 510M)
NV47 (G70)	GeForce 7800 (GS, GT, GTX, Go, Go GTX) Quadro FX 4500 (SDI, X2)
NV49 (G71)	GeForce 7900 (GS, GT, GTO, GTX, GX2, Go, Go GTX), 7950 (GT, GX2, Go GTX) Quadro FX (1500, 1500M, 3500, 5500, 550 SDI, 2500M, 3500M)
NV4A (NV44A)	GeForce 6200 AGP
NV4B (G73)	GeForce 7300 GT, 7600 (GS, GT, Go, Go GT), 7700 Go Quadro FX (550M, 560, 560M)
NV4C (MCP61)	GeForce 6150LE / nForce 400/405, GeForce 6150SE Quadro NVS 210s / nForce 430
NV4E (C51)	GeForce 6100 (Go) / nForce 410/430, 6150 (Go) / nForce 430
NV63 (MCP73)	GeForce 7050/7100/7150 / nForce 630i
NV67 (MCP67)	GeForce 7000M / nForce 610M, GeForce 7150M / nForce 630M
NV68 (MCP68)	GeForce 7025/7050 / nForce 630a

Code name	Official Name
NV50 (G80)	GeForce 8800 (GTS, GTX, Ultra) Quadro FX (4600 (SDI), 5600)
NV84 (G84)	GeForce 8600 (GT, GTS, M GT, M GS), 8700M GT, GeForce 9500M GS, 9650M GS Quadro FX (370, 570, 570M, 1600M, 1700), NVS 320M
NV86 (G86)	GeForce 8300 GS, 8400 (GS, M G, M GS, M GT), 8500 GT, GeForce 9300M G Quadro FX 360M, NVS (130M, 135M, 140M, 290)
NV92 (G92)	GeForce 8800 (GT, GS, GTS 512, M GTS, M GTX) GeForce 9600 GSO, 9800 (GT, GTX, GTX+, GX2, M GT, M GTX) GeForce GTS 150(M), GTS 160M, GTS 240, GTS 250, GTX (260M, 280M, 285M), GT (330, 340) Quadro FX (2800M, 3600M, 3700, 3700M, 3800M, 4700 X2), VX 200
NV94 (G94)	GeForce 9600 (GSO 512, GT, S), 9700M GTS, 9800M GTS, GeForce G 110M, GT 130(M), GT 140 Quadro FX (1800, 2700M)
NV96 (G96)	GeForce 9400 GT, 9500 (GT, M G), 9600 (M GS, M GT), 9650M GT, 9700M GT GeForce G 102M, GT 120 Quadro FX (380, 580, 770M, 1700M)
NV98 (G98)	GeForce 8400 GS, GeForce 9200M GS, 9300 (GE, GS, M GS) GeForce G 100, G 105M Quadro FX (370 LP, 370M), NVS (150M, 160M, 295, 420, 450)
NVA0 (GT200)	GeForce GTX (260, 275, 280, 285, 295) Quadro CX, FX (3800, 4800, 5800)
NVA3 (GT215)	GeForce GT (240, 320, 335M), GTS (250M, 260M, 350M, 360M) Quadro FX 1800M
NVA5 (GT216)	GeForce GT (220, 230M, 240M, 325M, 330M), 315 Quadro 400, FX 880M, NVS 5100M
NVA8 (GT218)	GeForce 8400 GS, ION 2, GeForce 205, 210, G 210M, 305M, 310(M), 405 Quadro FX (380 LP, 380M), NVS (300, 2100M, 3100M)

Code name	Official Name
NVAA (MCP77/MCP78)	GeForce 8100, 8200, 8300 mGPU / nForce 700a series, 8200M G
NVAC (MCP79/MCP7A)	ION, GeForce 9300, 9400 mGPU / nForce 700i series, 8200M G, 9100M, 9400M (G)
NVAF (MCP89)	GeForce 320M

Code name	Official Name
NVC0 (GF100)	GeForce GTX (465, 470, 480, 480M) Quadro 4000, 5000[M] (??), 6000
NVC1 (GF108)	GeForce GT (415M, 420, 420M, 425M, 430, 435M, 520M, 525M, 530, 540M, 550M, 555M, 620, 630M, 635M, 640M LE) Quadro 600, 1000M
NVC3 (GF106)	GeForce GT (440, 445M, 545, 555M, 630M, 635M), GTS 450, GTX 460M Quadro 2000 (D), 2000M
NVC4 (GF104)	GeForce GTX (460, 460 SE, 470M, 485M) Quadro 5000M (??)
NVC8 (GF110)	GeForce GTX (560 Ti OEM, 570, 580, 590) Quadro 3000M, 4000M, 5010M
NVCE (GF114)	GeForce GTX (460 v2, 560, 560 Ti, 570M, 580M, 670M, 675M)
NVCF (GF116)	GeForce GTS 450 v2, GTX (550 Ti, 560M)
NVD7 (GF117)	Geforce GT 620M, 625M, (some) 630M, 710M, 720M
NVD9 (GF119)	GeForce 410M, 510 (?), GT (520, 520M, 520MX, 610), 610M Quadro NVS 4200M

Code name	Official Name
NVE4 (GK104)	GeForce GTX (660 Ti, 670[M], 680[M], 690, 760, 760 Ti, 770, 775M, 780M, 860M) Quadro K3000[M], K3100M, K4000[M], K4100[M], K5000[M], K5100M, Tesla K10
NVE7 (GK107)	GeForce GT (640[M], 645M, 650M, 710M, 720M, 730M, 740[M], 745M, 750M, 755M), GTX (650, 660M) Quadro 410, K500[M], K600, K1000[M], K1100M, K2000[M], NVS 510, 1000
NVE6 (GK106)	GeForce GTX (645, 650 Ti, 660, 760M, 765M, 770M) Quadro K2100M, K4000
NVF0 (GK110)	GeForce GTX 780, Titan Tesla K20, Quadro K6000
NVF1 (GK110B)	GeForce GTX 780 Ti, Titan Z Tesla K40
NV106 (GK208B)	GeForce GT 720
NV108 (GK208)	GeForce GT 630, 635, 640, 710M, 720M, 730M, 735M, 740M, 920M Quadro K510M, K610M
NVEA (GK20A)	Tegra K1
NV??? (GK210)	Tesla K80

Code name	Official Name
NV117 (GM107)	GeForce GTX (745, 750, 750 Ti, 840M, 845M, 850M, 860M, 950M, 960M) Quadro K620, K1200, K2200, M1000M, M1200M; GRID M30, M40
NV118 (GM108)	GeForce 830M, 840M, 930M, 940M[X]
NV120 (GM200)	GeForce GTX Titan X
NV124 (GM204)	GeForce GTX (970, 980)
NV126 (GM206)	GeForce GTX (950, 960)
NV12B (GM20B)	Tegra X1

Code name	Official Name
NV132 (GP102)	NVIDIA Titan (X, Xp), GeForce GTX 1080 Ti
NV134 (GP104)	GeForce GTX (1070, 1080)
NV136 (GP106)	GeForce GTX 1060
NV137 (GP107)	GeForce GTX (1050, 1050 Ti)
NV138 (GP108)	GeForce GT 1030

NV140 (GV100)	**NVIDIA Titan V, NVIDIA Quadro GV100**

Code name	Official Name
NV162 (TU102)	NVIDIA Titan RTX, GeForce RTX 2080 Ti
NV164 (TU104)	GeForce RTX (2070 Super, 2080, 2080 Super)
NV166 (TU106)	GeForce RTX (2060, 2060 Super, 2070)
NV168 (TU116)	GeForce GTX (1650 Super, 1660, 1660 Ti, 1660 Super)
NV167 (TU117)	GeForce GTX 1650

Code name	Official Name
NV172 (GA102)	GeForce RTX (3080, 3090)
NV174 (GA104)	GeForce RTX (3060 Ti, 3070, 3080 Mobile)
NV176 (GA106)	GeForce RTX (3050, 3060)
NV177 (GA107)	GeForce RTX 3050

Code name	Official Name
NV192 (AD102)	GeForce RTX 4090
NV193 (AD103)	GeForce RTX 4080
NV194 (AD104)	GeForce RTX (4070, 4070 Ti)
NV196 (AD106)	GeForce RTX 4060 Ti
NV197 (AD107)	GeForce RTX 4060

Driver name	Kernel	Base driver	OpenGL	OpenGL (multilib)
Maxwell (NV110) series and newer	linux or linux-lts	nvidia	nvidia-utils	lib32-nvidia-utils
Maxwell (NV110) series and newer	not linux and not linux-lts	nvidia-dkms	nvidia-utils	lib32-nvidia-utils
Kepler (NVE0) series	any	nvidia-470xx-dkms	nvidia-470xx-utils	lib32-nvidia-470xx-utils
GeForce 400/500/600 series cards [NVCx and NVDx]	any	nvidia-390xx-dkms	nvidia-390xx-utils	lib32-nvidia-390xx-utils
Tesla (NV50/G80-90-GT2XX)	any	nvidia-340xx-dkms	nvidia-340xx-utils	lib32-nvidia-340xx-utils

Amdgpu

AMDGPU - ArchWiki

Family	Chipset name	Microarchitecture[4]	ISA[5]	Product name
Southern Islands	CAPE VERDE, PITCAIRN, TAHITI, OLAND, HAINAN	GCN1.0+	DCE 6.x	HD7750-HD7970, R9 270, R9 280, R9 370X, R7 240, R7 250
Sea Islands	BONAIRE, KABINI, KAVERI, HAWAII, MULLINS	GCN2.x	DCE 8.x	HD7790, R7 260, R9 290, R7 360, R9 390
Volcanic Islands	CARRIZO, FIJI, STONEY, TONGA, TOPAZ, WANI	GCN3.x	DCE 10/11.x	R9 285, R9 380, R9 380X, R9 Fury, R9 Nano, R9 Fury X, Pro Duo
Arctic Islands	POLARIS10/11/12, VEGAM	GCN4.x	DCE 11.2	RX 460, RX 470, RX 480, RX 540, RX 550, RX 560, RX 570, RX 580, RX 590, Pro WX 3200
Vega	VEGA10/11/12/20	GCN5.x	DCE 12.x	RX Vega 56, RX Vega 64, Radeon Vega II, Radeon VII
Vega	RAVEN	GCN5.x	DCN 1.0	Raven Ridge APU series
Vega	RENOIR	GCN5.x	DCN 2.1	Renoir, Lucienne, and Cezanne APU series
Navi	NAVI10/14	RDNA	DCN 2.0	RX 5500, RX 5500 XT, RX 5600, RX 5600 XT, RX 5700, RX 5700 XT

Family	Chipset name	Microarchitecture[4]	ISA[5]	Product name
Navi	NAVI21/22/23/24	RDNA2	DCN 3.0	RX 6500 XT, RX 6600, RX 6600 XT, RX 6650 XT, RX 6700, RX 6700 XT, RX 6750 XT, RX 6800, RX 6800 XT, RX 6900 XT, RX 6950 XT

The base system

```
pacstrap /mnt base base-devel distrobox archiso wget git linux linux-firmware
vim efibootmgr rustup sudo grub networkmanager w3m  reflector <shell> <ucode>
<graphics_driver>
```

Generate fstab

```
genfstab -U /mnt >> /mnt/etc/fstab
```

Enter in the new system

```
arch-chroot /mnt && cd ~
```

Manage accounts

Create your account

```
useradd -m -U -c 'YOUR REAL NAME' -s <shell> <username>
```

Generate root password

```
passwd root
```

Generate your password

```
passwd <username>
```

Add your account to sudoers file

```
echo '<username> ALL=(ALL) ALL' > /etc/sudoers.d/<username>
```

Sign in

```
su - <username>
```

Configure rust

```
rustup default stable
```

Modify pacman.conf

```
sudo vim /etc/pacman.conf
```

Refresh repositories

```
sudo pacman -Sy
```

Installation of yay

```
git clone https://aur.archlinux.org/yay
cd yay
makepkg -si
cd ..
rm -rf yay
```

Install arch

From GitHub

```
git clone https://github.com/otechdo/arch
cd arch
make
sudo make install
```

From Crates.io

```
cargo install arch
install -m 755 "$HOME/.cargo/bin/arch" /usr/bin/arch
```

From Aur

```
paru -Syu manager
```

Setup a new arch

```
arch --setup
```

Desktop

- @deepin
- @kde
- @gnome
- @xmonad

- @i3

Install all selected packages on arch

```
arch --install
arch -S <pkg> <pkg>
```

Quit the fresh new system

```
exit
```

Umount all mounted partitions

```
umount -R /mnt
```

Reboot

```
reboot
```

Arch commands

Setup a new arch

```
arch -i
```

```
arch --setup
```

Remove packages

```
arch -R <pkg> <pkg>
```

```
arch --uninstall
```

Install new packages

```
arch -S <pkg> <pkg>
```

```
arch --install
```

Update mirrorlist

```
arch -M
```

```
arch --mirrors
```

Check updates

```
arch -C
```

```
arch --check
```

Install packages as dependencies

```
arch -d
```

```
arch --deps
```

Update archlinux

```
arch
```

```
arch -u
```

```
arch --update
```

Search a package

```
arch -s <pkg>
```

```
arch --search <pkg>
```

Show arch current version

```
arch -v
```

```
arch --version
```

Download updates

```
arch -d
```

```
arch --download-updates
```

Show help message

```
arch -h
```

```
arch --help
```

Cancel the upgrade reboot

```
arch -x
```

```
arch --cancel
```

Upgrade the system and reboot

```
arch -U
```

```
arch --upgrade
```

Generate arch packages cache

```
arch -c
```

```
arch --cache
```

Navigate on news

```
arch -n
```

```
arch --news
```

Navigate on the Aur

```
arch -a
```

```
arch --aur
```

Navigate on the forum

```
arch -f
```

```
arch --forum
```

Navigate on the man pages

```
arch -m
```

```
arch --man
```

```
arch --woman
```

Navigate on the wiki

```
arch -w
```

```
arch --wiki
```

Host Distros

Distrobox has been successfully tested on:

Distro	Version	Notes
Alpine Linux		To setup rootless podman, look HERE
Arch Linux		`distrobox` and `distrobox-git` are available in AUR (thanks M0Rf30!). To setup rootless podman, look HERE
Bazzite	38	`distrobox-git` is preinstalled.
CentOS	8 8 Stream 9 Stream	`distrobox` is available in epel repos. (thanks alcir!)
ChromeOS	Debian 11 (docker with make-shared workaround #non-shared-mounts) Debian 12 (podman)	using built-in Linux on ChromeOS mode which is debian-based, which can be upgraded from 11 bullseye to 12 bookworm (in fact 12 is recommended)
Debian	11 12 Testing Unstable	`distrobox` is available in default repos starting from version 12 (thanks michel-slm!!)
deepin	23 Testing Unstable	`distrobox` is available in default repos in `testing` and `unstable`
EndlessOS	4.0.0	
Fedora Silverblue/Kinoite	35 36 37 Rawhide	`distrobox` is available in default repos. (thanks alcir!)
Fedora	35 36 37 38 Rawhide	`distrobox` is available in default repos. (thanks alcir!)

Distro	Version	Notes
Gentoo		To setup rootless podman, look HERE
KDE neon		`distrobox` is available in default repo
Manjaro		To setup rootless podman, look HERE
NixOS	21.11	Make sure to mind your executable paths. Sometimes a container will not have nix paths, and sometimes it will not have its own paths. Distrobox is available in Nixpkg collection (thanks AtilaSaraiva!)< To setup Docker, look HERE To setup Podman, look HERE and HERE
openSUSE	Leap 15.4 Leap 15.3 Leap 15.2	Packages are available here (thanks dfaggioli!). To install on openSUSE Leap 15, Use the following repository links in the `zypper addrepo` command: 15.4, 15.3, 15.2. Then: `zypper refresh && zypper install distrobox`. `Podman` under SUSE Leap, cannot initialize correctly the containers managed by `distrobox` until this openSUSE bug is fixed, or `podman` logging is configured properly.
openSUSE	Tumbleweed MicroOS	`distrobox` is available in default repos (thanks dfaggioli!) For Tumbleweed, do: `zypper install distrobox`. For MicroOS, **distrobox is installed by default**.

Distro	Version	Notes
SUSE Linux Enterprise Server	15 Service Pack 4 15 Service Pack 3 15 Service Pack 2	Same procedure as the one for openSUSE (Leap, respective versions, of course). Use the following repository links in the `zypper addrepo` command: SLE-15-SP4, SLE-15-SP3, SLE-15-SP4. Then: `zypper refresh && zypper install distrobox`. `Podman` under SUSE Leap, cannot initialize correctly the containers managed by `distrobox` until this openSUSE bug is fixed, or `podman` logging is configured properly.
SteamOS		You can follow the Install Podman in a static manner or Install Lilipod in a static manner guide, this will install it in your $HOME and it will survive updates.
RedHat	8 9	`distrobox` is available in epel repos. (thanks alcir!)
Ubuntu	18.04 20.04 22.04 22.10 23.04	Older versions based on 20.04 or earlier may need external repos to install newer Podman and Docker releases. Derivatives like Pop_OS!, Mint and Elementary OS should work the same. Now PPA available!, also `distrobox` is available in default repos from `22.10` onward (thanks michel-slm!)
Vanilla OS	22.10 Orchid	`distrobox` should be installed in the home directory using the official script
Void Linux	glibc	
Windows	Oracle Linux 9	using built-in Windows Subsystem for Linux

Containers Distros

Distrobox guests tested successfully with the following container images:

Distro	Version	Images
AlmaLinux (Toolbox)	8 9	quay.io/toolbx-images/almalinux-toolbox:8 quay.io/toolbx-images/almalinux-toolbox:9 quay.io/toolbx-images/almalinux-toolbox:latest
Alpine (Toolbox)	3.16 3.17 3.18 edge	quay.io/toolbx-images/alpine-toolbox:3.16 quay.io/toolbx-images/alpine-toolbox:3.17 quay.io/toolbx-images/alpine-toolbox:3.18 quay.io/toolbx-images/alpine-toolbox:edge quay.io/toolbx-images/alpine-toolbox:latest
AmazonLinux (Toolbox)	2 2022	quay.io/toolbx-images/amazonlinux-toolbox:2 quay.io/toolbx-images/amazonlinux-toolbox:2023 quay.io/toolbx-images/amazonlinux-toolbox:latest
Archlinux (Toolbox)		quay.io/toolbx/arch-toolbox:latest
Bazzite Arch		ghcr.io/ublue-os/bazzite-arch:latest ghcr.io/ublue-os/bazzite-arch-gnome:latest
Centos (Toolbox)	stream8 stream9	quay.io/toolbx-images/centos-toolbox:stream8 quay.io/toolbx-images/centos-toolbox:stream9 quay.io/toolbx-images/centos-toolbox:latest
Debian (Toolbox)	10 11 12 testing unstable	quay.io/toolbx-images/debian-toolbox:10 quay.io/toolbx-images/debian-toolbox:11 quay.io/toolbx-images/debian-toolbox:12 quay.io/toolbx-images/debian-toolbox:testing quay.io/toolbx-images/debian-toolbox:unstable quay.io/toolbx-images/debian-toolbox:latest
Fedora (Toolbox)	37 38 39 Rawhide	registry.fedoraproject.org/fedora-toolbox:37 registry.fedoraproject.org/fedora-toolbox:38 registry.fedoraproject.org/fedora-toolbox:39 registry.fedoraproject.org/fedora-toolbox:rawhide
openSUSE (Toolbox)		registry.opensuse.org/opensuse/distrobox:latest
RedHat (Toolbox)	8 9	registry.access.redhat.com/ubi8/toolbox registry.access.redhat.com/ubi9/toolbox quay.io/toolbx-images/rhel-toolbox:latest

Distro	Version	Images
Rocky Linux (Toolbox)	8 9	quay.io/toolbx-images/rockylinux-toolbox:8 quay.io/toolbx-images/rockylinux-toolbox:9 quay.io/toolbx-images/rockylinux-toolbox:latest
Ubuntu (Toolbox)	16.04 18.04 20.04 22.04	quay.io/toolbx/ubuntu-toolbox:16.04 quay.io/toolbx/ubuntu-toolbox:18.04 quay.io/toolbx/ubuntu-toolbox:20.04 quay.io/toolbx/ubuntu-toolbox:22.04 quay.io/toolbx/ubuntu-toolbox:latest
AlmaLinux	8 8-minimal 9 9-minimal	docker.io/library/almalinux:8 docker.io/library/almalinux:9
Alpine Linux	3.15 3.16	docker.io/library/alpine:3.15 docker.io/library/alpine:3.16 docker.io/library/alpine:latest
AmazonLinux	1 2 2023	public.ecr.aws/amazonlinux/amazonlinux:1 public.ecr.aws/amazonlinux/amazonlinux:2 public.ecr.aws/amazonlinux/amazonlinux:2023
Archlinux		docker.io/library/archlinux:latest
CentOS Stream	8 9	quay.io/centos/centos:stream8 quay.io/centos/centos:stream9
CentOS	7	quay.io/centos/centos:7
Chainguard Wolfi	Small note: sudo is missing, use su-exec instead.	cgr.dev/chainguard/wolfi-base:latest
ClearLinux		docker.io/library/clearlinux:latest docker.io/library/clearlinux:base
Crystal Linux		registry.getcryst.al/crystal/misc/docker:latest

Distro	Version	Images
Debian	7 8 9 10 11 12	docker.io/debian/eol:wheezy docker.io/library/debian:buster-backports docker.io/library/debian:bullseye-backports docker.io/library/debian:bookworm-backports docker.io/library/debian:stable-backports
Debian	Testing	docker.io/library/debian:testing docker.io/library/debian:testing-backports
Debian	Unstable	docker.io/library/debian:unstable
deepin	20 (apricot) 23 (beige)	docker.io/linuxdeepin/apricot
Fedora	36 37 38 39 Rawhide	quay.io/fedora/fedora:36 quay.io/fedora/fedora:37 quay.io/fedora/fedora:38 quay.io/fedora/fedora:39 quay.io/fedora/fedora:rawhide
Gentoo Linux	rolling	docker.io/gentoo/stage3:latest
KDE neon	Latest	invent-registry.kde.org/neon/docker-images/plasma:latest
Kali Linux	rolling	docker.io/kalilinux/kali-rolling:latest
Mint	21.1	docker.io/linuxmintd/mint21.1-amd64
Neurodebian	nd100	docker.io/library/neurodebian:nd100
openSUSE	Leap	registry.opensuse.org/opensuse/leap:latest
openSUSE	Tumbleweed	registry.opensuse.org/opensuse/distrobox:latest registry.opensuse.org/opensuse/tumbleweed:latest registry.opensuse.org/opensuse/toolbox:latest

Distro	Version	Images
Oracle Linux	7 7-slim 8 8-slim 9 9-slim	container-registry.oracle.com/os/oraclelinux:7 container-registry.oracle.com/os/oraclelinux:7-slim container-registry.oracle.com/os/oraclelinux:8 container-registry.oracle.com/os/oraclelinux:8-slim container-registry.oracle.com/os/oraclelinux:9 container-registry.oracle.com/os/oraclelinux:9-slim
RedHat (UBI)	7 8 9	registry.access.redhat.com/ubi7/ubi registry.access.redhat.com/ubi8/ubi registry.access.redhat.com/ubi8/ubi-init registry.access.redhat.com/ubi8/ubi-minimal registry.access.redhat.com/ubi9/ubi registry.access.redhat.com/ubi9/ubi-init registry.access.redhat.com/ubi9/ubi-minimal
Rocky Linux	8 8-minimal 9	quay.io/rockylinux/rockylinux:8 quay.io/rockylinux/rockylinux:8-minimal quay.io/rockylinux/rockylinux:9 quay.io/rockylinux/rockylinux:latest
Scientific Linux	7	docker.io/library/sl:7
SteamOS		ghcr.io/linuxserver/steamos:latest
Ubuntu	14.04 16.04 18.04 20.04 22.04 23.04	docker.io/library/ubuntu:14.04 docker.io/library/ubuntu:16.04 docker.io/library/ubuntu:18.04 docker.io/library/ubuntu:20.04 docker.io/library/ubuntu:22.04
Vanilla OS	VSO	ghcr.io/vanilla-os/vso:main
Void Linux		ghcr.io/void-linux/void-glibc-full:latest

Distrobox support

List all boxes

```
os --list
```

Create a new box

```
os --new
```

Enter in a box

```
os --use <name>
```

Stop a box

```
os --pause <name>
```

Stop all boxes

```
os --stop
```

Run a command in a box

```
os --run <name> ls
```

Stop a box

```
os --stop <name>
```

Remove all boxes

```
os --clean
```

Remove a boxe

```
os --remove <name>
```

Upgrade all boxes

```
os --upgrade
```

Display help

```
os --help
```

Key Bindings

This file lists all of the key bindings currently registered by prompts.

All prompts

These key bindings may be used with all prompts.

command	description
`enter`	Submit answer.
`esc`	Cancel the prompt*.
`ctrl` + `c`	Interrupt the prompt*.

* Canceling and interrupting a prompt have two different meanings. Canceling is defined specially for when the end user is allowed to skip a prompt, the library user can then use `prompt_skippable` which wraps the return type into an `Option` and catches the `CanceledOperation` error transforming it into a `Ok(None)` result. Interrupted operations are closer to "stop-the-world" operations, where the library user should treat them as termination commands.

Text Input

These key bindings may be used with all prompts that ask the user for text input: [`Text`], [`Select`], [`MultiSelect`], [`Confirm`], [`CustomType`] and [`Password`]. The [`Editor`] prompt is not included because it opens a separate text editor for text input.

command	description
`character`	Insert the character into the input.
`left`	Move the cursor back one character.
`right`	Move the cursor forward one character.
`ctrl` + `left`	Move one word to the left of the cursor.
`ctrl` + `right`	Move one word to the right of the cursor.
`home`	Move cursor to the start of the line*.
`end`	Move cursor to the end of the line*.
`backspace`	Delete one character to the left of the cursor.
`delete`	Delete the character at the cursor.
`ctrl` + `delete`	Delete one word to the right of the cursor.

* Key bindings not supported on [`Select`] and [`MultiSelect`] prompts.

Text Prompts

These key bindings may be used in [`Text`] prompts.

command	description
`enter`	Submit the current current text input.
`up`	When suggestions are displayed, move cursor one row up.
`down`	When suggestions are displayed, move cursor one row down.
`page up`	When suggestions are displayed, move cursor one page up.
`page down`	When suggestions are displayed, move cursor one page down.
`tab`	Replace current input with the resulting suggestion if any.
others	See Text Input and All Prompts

Select Prompts

These key bindings may be used in [`Select`] prompts.

command	description
`enter`	Submit the current highlighted option.
`up`	Move cursor one row up.
`down`	Move cursor one row down.
`k`	Move cursor one row up when vim mode is enabled.
`j`	Move cursor one row down when vim mode is enabled.
`page up`	Move cursor one page up.
`page down`	Move cursor one page down.
`home`	Move cursor to the first option.
`end`	Move cursor to the last option.
others	See Text Input and All Prompts

MultiSelect Prompts

These key bindings may be used in [`MultiSelect`] prompts.

command	description
`enter`	Submit the options currently selected.
`space`	Toggle the selection of the current highlighted option.
`up`	Move cursor one row up.
`down`	Move cursor one row down.
`k`	Move cursor one row up when vim mode is enabled.
`j`	Move cursor one row down when vim mode is enabled.
`page up`	Move cursor one page up.
`page down`	Move cursor one page down.
`home`	Move cursor to the first option.
`end`	Move cursor to the last option.
`left`	Unselect all options.
`right`	Select all options.
others	See Text Input and All Prompts

DateSelect Prompts

These key bindings may be used in the interactive calendar of the [`DateSelect`] prompt.

command	description
`space bar` or `enter`	Submit the current highlighted date.
`up`	Move cursor one row up.
`down`	Move cursor one row down.
`left`	Move cursor one column to the left.
`right`	Move cursor one column to the right.
`k`	Move cursor one row up when vim mode is enabled.
`j`	Move cursor one row down when vim mode is enabled.
`h`	Move cursor one column to the left when vim mode is enabled.
`l`	Move cursor one column to the right when vim mode is enabled.
`ctrl` + `up`	Move calendar back by one year.
`ctrl` + `down`	Move calendar forward by one year.
`ctrl` + `left`	Move calendar back by one month.
`ctrl` + `right`	Move calendar forward by one month.

Editor Prompts

These key bindings may be used in [`Editor`] prompts.

command	description
`e`	Open the editor.
`enter`	Submit the current content of the temporary file being edited.