Installation

Suivre cette procédure https://medium.com/@sydasif78/arch-linux-installation-virtual-machine-a188d028359 en installant manuellement linux hearders avec la commande `pacman -S linux-headers`

config en français

```
loadkeys fr
pacman -Sy nano
nano /etc/locale.gen #decommente la ligne  fr_FR.UTF-8 UTF-8
locale.gen
echo "LANG=fr_FR.UTF-8" > /etc/locale.conf
echo "KEYMAP=fr" > /etc/vconsole.conf
```

```
root@archiso ~ # loadkeys fr
root@archiso ~ # pacman install nano
warning: database file for 'core' does not exist (use '-Sy' to download)
warning: database file for 'extra' does not exist (use '-Sy' to download)
error: no operation specified (use -h for help)
1 root@archiso ~ # pacman -S nano
warning: database file for 'core' does not exist (use '-Sy' to download)
warning: database file for 'extra' does not exist (use '-Sy' to download)
error: target not found: nano
1 root@archiso ~ # pacman -S install nano
warning: database file for 'core' does not exist (use '-Sy' to download)
warning: database file for 'extra' does not exist (use '-Sy' to download)
error: target not found: install
error: target not found: nano
1 root@archiso ~ # sudo pacman -S nano
warning: database file for 'core' does not exist (use '-Sy' to download)
warning: database file for 'extra' does not exist (use '-Sy' to download)
error: target not found: nano
1 root@archiso ~ # sudo pacman -Sy nano
:: Synchronizing package databases...
 core                                              120.1 KiB   344 KiB/s 00:00 [####################
 extra                                               7.8 MiB  6.01 MiB/s 00:01 [####################
warning: nano-8.5-1 is up to date -- reinstalling
resolving dependencies...
looking for conflicting packages...

Packages (1) nano-8.5-1

Total Download Size:   0.58 MiB
Total Installed Size:  2.59 MiB
Net Upgrade Size:      0.00 MiB

:: Proceed with installation? [Y/n] y
:: Retrieving packages...
 nano-8.5-1-x86_64                                 597.4 KiB  1513 KiB/s 00:00 [####################
(1/1) checking keys in keyring                                                 [####################
(1/1) checking package integrity                                               [####################
(1/1) loading package files                                                    [####################
(1/1) checking for file conflicts                                              [####################
(1/1) checking available disk space                                            [####################
:: Processing package changes...
(1/1) reinstalling nano                                                        [####################
:: Running post-transaction hooks...
(1/1) Arming ConditionNeedsUpdate...
root@archiso ~ # nano /etc/locale.gen_
```

```
#ff_SN UTF-8
#fi_FI.UTF-8 UTF-8
#fi_FI ISO-8859-1
#fi_FI@euro ISO-8859-15
#fil_PH UTF-8
#fo_FO.UTF-8 UTF-8
#fo_FO ISO-8859-1
#fr_BE.UTF-8 UTF-8
#fr_BE ISO-8859-1
#fr_BE@euro ISO-8859-15
#fr_CA.UTF-8 UTF-8
#fr_CA ISO-8859-1
#fr_CH.UTF-8 UTF-8
#fr_CH ISO-8859-1
fr_FR.UTF-8 UTF-8
fr_FR ISO-8859-1
#fr_FR@euro ISO-8859-15
#fr_LU.UTF-8 UTF-8
#fr_LU ISO-8859-1
#fr_LU@euro ISO-8859-15
#fur_IT UTF-8
#fy_NL UTF-8
#fy_DE UTF-8
#ga_IE.UTF-8 UTF-8
#ga_IE ISO-8859-1
#ga_IE@euro ISO-8859-15
#gbm_IN UTF-8
#gd_GB.UTF-8 UTF-8
#gd_GB ISO-8859-15
#gez_ER UTF-8
```

problème pour se connecter au réseau

```
# Redémarrer le service réseaux
sudo systemctl restart systemd-networkd
sudo systemctl restart NetworkManager
```

Installation de l'interface graphique KDE

Suivre ce tutos en Français https://www.youtube.com/watch?v=ZgpJw9rrArc

```
#se connecter en root
pacman -Syu
pacman -S wayland
pacman -S plasma kde-application
#appuyer sur entrée pour laisser les choix par défault
y
systemctl enable sddm
sddm --exemple-config > /etc/sddm.conf
# laisser faire le redémarrage
```

résolution de problème l'auto connect de réseaux après installation

```
#Vérifier le statut du service Network Manager
systemctl status NetworkManager
#activer le service sipas activé
sudo systemctl enable NetworkManager.service
#active l'auto connect sur l'interface
#trouve le nom de la connexion
nmcli connection show
#activer l'auto connect
nmcli connection modify <NOM_DE_TA_CONNEXION> connection.autoconnect yes
```

Changer le shell

```
sudo pacman -S bash
chsh -s $<which bash>
```

Voir les logs d'un service

journalctl -u

Interface graphique Plasma Wayland

```
sudo nano /etc/default/keyboard
XKBMODEL=pc105
XKBLAYOUT=fr
XKBVARIANT=
XKBOPTIONS=
sudo localectl set-keymap fr
```