

Guia de Instalação e Configuração do GNOME em Arch Linux

Passo a passo com comandos prontos para copiar e colar

1. Configuração de Rede Pós-Instalação

Ative o NetworkManager e conecte-se à rede:

```
systemctl start NetworkManager.service
nmcli general status
nmcli device status
nmcli device wifi list
nmcli device wifi connect "SSID" --ask
```

Instale fontes para melhorar a leitura no console:

```
pacman -S kbd terminus-font ttf-terminus-nerd
setfont ter-120b
```

2. Instalação do Desktop GNOME

Instale os pacotes principais do GNOME:

```
pacman -S adwaita-icon-theme colord eog file-roller gdm gedit gedit-plugins
gnome gnome-backgrounds
gnome-bluetooth gnome-boxes gnome-browser-connector gnome-calculator
gnome-calendar gnome-characters
gnome-clocks gnome-color-manager gnome-control-center gnome-disk-utility
gnome-firmware gnome-info-collect gnome-keyring
gnome-logs gnome-menus gnome-music gnome-online-accounts gnome-power-manager
gnome-session gnome-settings-daemon
gnome-shell-extension-appindicator gnome-shell-extension-arc-menu
gnome-shell-extension-caffeine gnome-shell-extension-dash-to-panel
gnome-shell-extensions gnome-terminal gnome-text-editor gnome-themes-extra
gnome-tweaks gnome-usage gnome-user-docs gnome-weather
grilo-plugins gst-plugins-base gst-plugins-base-libs gthumb gvfs gvfs-afc
gvfs-dnssd gvfs-goa gvfs-gphoto2 gvfs-mtp gvfs-nfs gvfs-smb gvfs-wsdd
localsearch loupe mesa-utils mutter nautilus rygel seahorse simple-scan
system-config-printer tinysparql xdg-desktop-portal-gnome
xdg-user-dirs-gtk xkeyboard-config yelp yelp-tools yelp-xsl
```

Ative o GDM e reinicie:

```
systemctl enable gdm.service
systemctl status gdm.service
reboot
```

Se o login gráfico falhar após o reboot:

```
sudo systemctl start gdm.service
```

3. Pacotes Essenciais e Complementares

Aplicativos complementares para o ambiente GNOME:

```
sudo pacman -S collision decibels dconf dconf-editor extension-manager firefox
firefox-i18n-pt-br
firewalld foliate font-manager fragments gparted eyedropper libreoffice-still
libreoffice-still-pt-br mpv
network-manager-applet papers pavucontrol ptyxis qalculate-gtk shotwell showtime
snapshot zed
```

Ferramentas do sistema e utilitários:

```
sudo pacman -S audio-convert alsamixer aspell aspell-en aspell-pt at-spi2-core
avahi bashtop bat bind-tools
bluez bluez-utils cronie cups cups-browsed cups-filters cups-pdf curl ethtool
fail2ban fastfetch fd ffmpeg
foomatic-db foomatic-db-engine foomatic-db-ppds fzr fwupd git glances grc
gutenprint hspell htop hunspell hwinfo
imagemagick inxi iproute2 kbd less libssh libssh2 libvncserver libvoikko
libwireplumber lsd lsopf man-db man-pages
meson ninja nmap nodejs npm nss-mdns ntfs-3g nuspell p7zip pacman pacman-contrib
parted pipewire pipewire-pulse powertop
pwgen qt5-wayland qt6-wayland reflector ripgrep rpcbind smartmontools
speech-dispatcher speedtest-cli tecla tlp tree unzip
upower v4l-utils v4l2loopback-utils wget wireless_tools wireplumber zip
zram-generator zsh zsh-autocomplete zsh-autosuggestions
zsh-completions zsh-history-substring-search zsh-lovers zsh-syntax-highlighting
```

Fontes adicionais para o sistema:

```
sudo pacman -S gnu-free-fonts powerline-fonts terminus-font ttf-anonymous-pro
ttf-atkinson-hyperlegible ttf-bitstream-vera
ttf-caladea ttf-carlito ttf-cascadia-code ttf-crimson-pro
ttf-crimson-pro-variable ttf-croscore ttf-dejavu ttf-doulos-sil
ttf-droid ttf-eurof ttf-fantasque-sans-mono ttf-fira-code ttf-fira-mono
ttf-fira-sans ttf-hack ttf-ibm-plex ttf-inconsolata
ttf-input ttf-jetbrains-mono ttf-jetbrains-mono-nerd ttf-junicode
ttf-junicode-variable ttf-khmer ttf-lato ttf-liberation
ttf-libertinus ttf-linux-libertine ttf-linux-libertine-g ttf-material-icons
ttf-material-symbols-variable ttf-meslo-nerd
ttf-mona-sans ttf-monospace-frozen ttf-monospace-variable ttf-monofur ttf-monoid
ttf-montserrat ttf-nunito ttf-opensans
ttf-overpass ttf-roboto ttf-roboto-mono ttf-terminus-nerd ttf-ubuntu-font-family
```

Instalar yt-dlp (binário oficial):

```
sudo wget -O /usr/local/bin/yt-dlp
https://github.com/yt-dlp/yt-dlp/releases/latest/download/yt-dlp
sudo chmod a+r /usr/local/bin/yt-dlp
```

4. Ativar Serviços

```
sudo systemctl enable avahi-daemon.service --now
sudo systemctl enable bluetooth.service --now
sudo systemctl enable cronie.service --now
sudo systemctl enable cups.service --now
sudo systemctl enable cups-browsed.service --now
sudo systemctl enable firewalld.service --now
sudo systemctl enable fstrim.timer --now
sudo systemctl enable tlp.service --now
```

```
sudo systemctl mask systemd-rfkill.service systemd-rfkill.socket
```

5. Ajustes Finais

Faça os ajustes finais no GNOME e no sistema:

```
# Configurar GNOME
gnome-control-center
gnome-tweaks
extension-manager

# Editar fstab
sudo nano /etc/fstab

# Configurar ZRAM
sudo nano /etc/systemd/zram-generator.conf

# Alterar shell para ZSH
chsh -s /bin/zsh $USER

# Reiniciar
reboot
```

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