

nix / configuration.nix



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403 lines (349 loc) · 8.95 KB

```
1  # Edit this configuration file to define what should be installed on
2  # your system. Help is available in the configuration.nix(5) man page
3  # and in the NixOS manual (accessible by running 'nixos-help').
4
5  { config, pkgs, ... }:
6
7  {
8    imports = [
9      # Include the results of the hardware scan.
10     ./hardware-configuration.nix
11     ./earlyoom.nix
12     ./oom.nix
13     # /home/chrisf/build/musnix # Now imported via flake.
14   ];
15
16   # Bootloader.
17   boot.loader.systemd-boot.enable = true;
18   boot.loader.efi.canTouchEfiVariables = true;
19
20   # Kernel Fanciness
21   boot.kernelPackages = pkgs.linuxPackages_latest;
22
23   # OOM configuration:
24   systemd = {
25     # Create a separate slice for nix-daemon that is
26     # memory-managed by the userspace systemd-oomd killer
27     slices."nix-daemon".sliceConfig = {
28       ManagedOOMMemoryPressure = "kill";
29       ManagedOOMMemoryPressureLimit = "95%";
30     };
31     services."nix-daemon".serviceConfig.Slice = "nix-daemon.slice";
32
33     # If a kernel-level OOM event does occur anyway,
34     # strongly prefer killing nix-daemon child processes
35     services."nix-daemon".serviceConfig.OOMScoreAdjust = 1000;
36   };
37 }
```

```
37
38     networking.hostName = "rvbee"; # Define your hostname.
39     # networking.wireless.enable = true;  # Enables wireless support via wpa_supplicant.
40
41     # Configure network proxy if necessary
42     # networking.proxy.default = "http://user:password@proxy:port/";
43     # networking.proxy.noProxy = "127.0.0.1,localhost,internal.domain";
44
45     # Enable networking
46     networking.networkmanager.enable = true;
47
48     # Enable Bluetooth
49     hardware.bluetooth.enable = true;
50     hardware.bluetooth.powerOnBoot = true;
51
52     # Set your time zone.
53     time.timeZone = "America/Los_Angeles";
54
55     # Select internationalisation properties.
56     i18n.defaultLocale = "en_US.UTF-8";
57
58     i18n.extraLocaleSettings = {
59       LC_ADDRESS = "en_US.UTF-8";
60       LC_IDENTIFICATION = "en_US.UTF-8";
61       LC_MEASUREMENT = "en_US.UTF-8";
62       LC_MONETARY = "en_US.UTF-8";
63       LC_NAME = "en_US.UTF-8";
64       LC_NUMERIC = "en_US.UTF-8";
65       LC_PAPER = "en_US.UTF-8";
66       LC_TELEPHONE = "en_US.UTF-8";
67       LC_TIME = "en_US.UTF-8";
68     };
69
70     # Enable the X11 windowing system.
71     services.xserver.enable = true;
72     services.xserver.videoDrivers = [ "amdgpu" ];
73
74     # Enable the KDE Plasma Desktop Environment.
75     services.displayManager.sddm.enable = true;
76     services.displayManager.sddm.wayland.enable = true;
77     # services.xserver.desktopManager.plasma5.enable = true;
78     services.desktopManager.plasma6.enable = true;
79     programs.dconf.enable = true;
80
81     # Enable PolKit
82     security.polkit.enable = true;
83
84     # Configure keymap in X11
85
86     services.xserver.xkb.layout = "us";
87
88     # services.xserver = {
89     #   layout = "us";
```

```
90     # xkbVariant = "";
91     # };
92
93     # Enable CUPS to print documents.
94     services.printing.enable = true;
95
96     # Enable sound with pipewire.
97     sound.enable = true;
98     hardware.pulseaudio.enable = false;
99     security.rtkit.enable = true;
100    services.pipewire = {
101        enable = true;
102        alsa.enable = true;
103        alsa.support32Bit = true;
104        pulse.enable = true;
105        # If you want to use JACK applications, uncomment this
106        jack.enable = true;
107        wireplumber.enable = true;
108
109        # use the example session manager (no others are packaged yet so this is enabled by de
110        # no need to redefine it in your config for now)
111        #media-session.enable = true;
112    };
113
114    # Enable touchpad support (enabled default in most desktopManager).
115    # services.xserver.libinput.enable = true;
116
117    # Define a user account. Don't forget to set a password with 'passwd'.
118    users.users.chrisf = {
119        isNormalUser = true;
120        shell = pkgs.fish;
121        description = "Chris Fisher";
122        extraGroups = [
123            "networkmanager"
124            "wheel"
125            "adbusers"
126            "libvirttd"
127            "video"
128            "render"
129            "audio"
130        ];
131        packages = with pkgs; [
132            # thunderbird
133        ];
134    };
135
136    #-----[ Fonts ]-----#
137
138    fonts.packages = with pkgs; [
139        noto-fonts
140        ubuntu_font_family
141        noto-fonts-emoji
```

```
142     liberation_ttf
143     fira-code
144     fira-code-symbols
145     mplus-outline-fonts.githubRelease
146     dina-font
147     fira
148 ];
149
150 # Enable virtualisation
151
152 virtualisation.libvirtd.enable = true;
153 programs.virt-manager.enable = true;
154
155 # Enable VirtualBox 10-27-23
156
157 # virtualisation.virtualbox.host.enable = true;
158 # boot.kernelParams = [ "vboxdrv.load_state=1" ];
159 # users.extraGroups.vboxusers.members = [ "chrisf" ];
160
161 # Lets get Fish Shell - CF 6-1-22
162
163 programs.fish.enable = true;
164
165 # Trying to get ADB for Android 11-23.22
166
167 programs.adb.enable = true;
168
169 # Flatpak bitches - CF 6-1-22
170
171 services.flatpak.enable = true;
172 xdg.portal.enable = true;
173
174 # Enable Vulkan
175 hardware.opengl.enable = true;
176 hardware.opengl.driSupport = true;
177 # For 32 bit applications
178 hardware.opengl.driSupport32Bit = true;
179
180 # Allow unfree packages
181 nixpkgs.config.allowUnfree = true;
182
183 # Enable Nix experimental features and Flakes 4-17-24
184
185 nix.settings.experimental-features = [
186     "nix-command"
187     "flakes"
188 ];
189
190 # List packages installed in system profile. To search, run:
191 # $ nix search wget
192 environment.systemPackages = with pkgs; [
193     # vim # Do not forget to add an editor to edit configuration.nix! The Nano editor is
194     # wget
```

```
195     libsForQt5.ktexteditor
196     libsForQt5.yakuake
197     kdePackages.kdenlive
198     kdePackages.ark
199     kdePackages.kdeconnect-kde
200     kdePackages.ktorrent
201     krita
202     kdePackages.discover
203     kdePackages.kfind
204     kdePackages.kleopatra
205     kdePackages.filelight
206     kdePackages.isoimagewriter
207     kate
208     htop
209     nixFlakes
210     pkgs.tailscale
211     btop
212     btrfs-progs
213     btrfs-snap
214     pciutils
215     magic-wormhole
216     yt-dlp
217     pkgs.cifs-utils
218     pkgs.samba
219     neofetch
220     nmap
221     mosh
222     ark
223     fuse
224     fuse3
225     steam-run
226     rustdesk-flutter
227     steam
228     appimage-run
229     android-udev-rules
230     adb-sync
231     git
232     jmtvfs
233     angryipscanner
234     gnumake
235     unzip
236     zip
237     gnupg
238     pkgs.restic
239     pkgs.autorestic
240     pkgs.restique
241     pkgs.nextcloud-client
242     google-chrome
243     quickemu
244     quickgui
245     x32edit
246     junction
```

```
247     distrobox
248     tor-browser
249     v4l-utils
250     v4l2-relayd
251     libv4l
252     sunshine
253     logitech-udev-rules
254     ltunify
255     solaar
256     gtop
257     ventoy
258     wine-wayland
259     winetricks
260     wineasio
261     bottles-unwrapped
262     yarn
263     cool-retro-term
264     wayland-protocols
265     wayland-scanner
266     wayland
267     avahi
268     mesa
269     libffi
270     libevdev
271     libcap
272     libdrm
273     xorg.libXrandr
274     xorg.libxcb
275     ffmpeg-full
276     libevdev
277     libpulseaudio
278     xorg.libX11
279     pkgs.xorg.libxcb
280     xorg.libXfixes
281     libva
282     libvdpau
283     pkgs.moonlight-qt
284     pkgs.sunshine
285     firefox
286     slack
287     telegram-desktop
288     nheko
289     libsForQt5.neochat
290     element-desktop-wayland
291     mpv
292     haruna
293     trayscale
294     reaper
295     lame
296     xdotool
297     pwvucontrol
298     easyeffects
299     nix-nerd-fonts
```

```
299     pipecontrol
300     wireplumber
301     pavucontrol
302     ncpamixer
303     carla
304     qjackctl
305     qpwrgraph
306     libsForQt5.plasma-browser-integration
307     sonobus
308     vlc
309     typora
310     neovim
311     vimPlugins.LazyVim
312     maestral-gui
313     pkgs.amdvlk
314     pkgs.driversi686Linux.amdvlk
315     element-desktop
316     gh
317     gitui
318     cmake
319     ispell
320     gcc
321     go
322     aspell
323     gnumake
324     patchelf
325     alacritty
326     glxinfo
327     libnotify
328     yt-dlp
329     binutils
330     dstat
331     file
332     iotop
333     pciutils
334     zellij
335     tree
336     lsof
337     lshw
338     python3
339     qemu
340     virt-manager
341     libsForQt5.qt5.qtwebsockets
342     x32edit
343     nixfmt-rfc-style
344     qownnotes
345     roc-toolkit
346 ];
347
348 # Wayland support for Slack
349 environment.sessionVariables.NIXOS_OZONE_WL = "1";
350
351 # Enable Auto Optimising the store CF 5-18-23
```

```
352     nix.settings.auto-optimize-store = true;
353
354     nix.gc = {
355         automatic = true;
356         dates = "weekly";
357         options = "--delete-older-than 15d";
358     };
359
360     # Enable Netdata
361     services.netdata.enable = true;
362
363     # Passwords are for Losers
364     security = {
365         sudo.wheelNeedsPassword = false;
366     };
367
368     # Some programs need SUID wrappers, can be configured further or are
369     # started in user sessions.
370     # programs.mtr.enable = true;
371     # programs.gnupg.agent = {
372     #     enable = true;
373     #     enableSSHSuport = true;
374     # };
375
376     # List services that you want to enable:
377
378     # Enable the OpenSSH daemon.
379     services.openssh.enable = true;
380
381     # Enable Tailscale Service - CF 6-3-22
382     services.tailscale.enable = true;
383
384     # Enable musnix
385     musnix.enable = true;
386
387     # Enable Bitfocus Companion
388     programs.companion.enable = true;
389
390     # Open ports in the firewall.
391     # networking.firewall.allowedTCPPorts = [ ... ];
392     # networking.firewall.allowedUDPPorts = [ ... ];
393     # Or disable the firewall altogether.
394     networking.firewall.enable = false;
395
396     # This value determines the NixOS release from which the default
397     # settings for stateful data, like file locations and database versions
398     # on your system were taken. It's perfectly fine and recommended to leave
399     # this value at the release version of the first install of this system.
400     # Before changing this value read the documentation for this option
401     # (e.g. man configuration.nix or on https://nixos.org/nixos/options.html).
402     system.stateVersion = "23.11"; # Did you read the comment?
403 }
```


[nix](#) / configuration.nix

[↑ Top](#)

Code

Blame

Raw

