

## ublubu / configuration.nix



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current nixos config

## configuration.nix

```
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      ];
12
13    boot.initrd.kernelModules = [
14      "fbcon"
15    ];
16    boot.extraModulePackages = [
17      pkgs.linuxPackages.nvidia_x11
18    ];
19    # boot.extraModprobeConfig = ''
20    #   options snd slots=snd_usb_audio
21    #   options snd_hda_intel enable=0,0
22    # '';
23
24    # Use the gummiboot efi boot loader.
25    boot.loader.systemd-boot.enable = true;
26    boot.loader.timeout = 4;
27    boot.loader.efi.canTouchEfiVariables = true;
28
29    nix.buildCores = 4;
30    # nix.nixPath = [ "/home/kynan/Source" "nixos-config=/etc/nixos/configuration.nix" ];
31
32    nixpkgs.config = {
33      allowUnfree = true;
34      chromium = {
35        enablePepperFlash = true;
36        enablePepperPDF = true;
37      };
38    };
39
40    powerManagement.enable = true;
```

```
41
42 hardware.opengl.driSupport32Bit = true;
43
44 hardware.pulseaudio = {
45     enable = true;
46     package = pkgs.pulseaudioFull;
47 };
48
49 fonts = {
50     enableFontDir = true;
51     enableGhostscriptFonts = true;
52     fonts = with pkgs; [
53         corefonts
54         vistafonts
55         inconsolata
56         terminus_font
57         proggyfonts
58         dejavu_fonts
59         font-awesome-ttf
60         ubuntu_font_family
61         source-code-pro
62         source-sans-pro
63         source-serif-pro
64     ];
65 };
66
67 networking = {
68     hostname = "nixos"; # Define your hostname.
69     hostId = "7e31a6a5";
70     networkmanager.enable = true;
71 };
72
73 # Select internationalisation properties.
74 i18n = {
75     consoleFont = "lat9w-16";
76     consoleKeyMap = "us";
77     defaultLocale = "en_US.UTF-8";
78 };
79
80 time.timeZone = "America/New_York";
81
82 # List packages installed in system profile. To search by name, run:
83 # $ nix-env -qaP | grep wget
84
85 environment.systemPackages = with pkgs; [
86     # The usual stuff that should be available system wide
87     emacs
88     wget
89     curl
90     netcat-openbsd
91     htop
92     atop
```

```
93      iotop
94      strace
95      manpages
96      bashCompletion
97      zsh
98      rcm
99      gnupg1compat
100     gnupg
101     pwgen
102     ncd
103     mosh
104     vim
105     lsof
106     nox
107     zip
108
109     # networking tools
110     tcpdump
111     mtr
112     wireshark
113     ndisc6
114     iftop
115     jnettop
116     bind
117     lftp
118     whois
119     autossh
120     nmap
121     update-resolv-conf
122     gnome3.networkmanagerapplet
123
124     # X applications and related tools
125     i3
126     i3status
127     i3lock
128     rxvt_unicode-with-plugins
129     dmenu
130     gitAndTools.gitFull
131     xorg.xrandr
132     xlibs.xkill
133     xcalib
134     wpa_supplicant_gui
135     clawsMail
136     firefox
137     gnome3.gedit
138     x11_ssh_askpass
139     chromium
140     slock
141     hexchat
142     keepass
143     dropbox
144     p7zip
```

```
145     redshift
146     gnome3.nautilus
147
148     # audio / media
149     paprefs
150     pavucontrol
151     mplayer
152     mpv
153     scrot
154     imagemagick
155     vlc
156     pinta
157     evince
158     calibre
159     gimp
160     pa_applet
161
162     # system foo
163     acpi
164     acpitool
165     bridge-utils
166     unzip
167     unrar
168     file
169     sudo
170     lxc
171     which
172     progress
173     pmount
174     # xorg.xbacklight
175     light
176     libfaketime
177     gnumake
178     gnufdisk
179     gparted
180     gptfdisk
181     parted
182     polkit_gnome # for mounting local fs in xfce (see wiki/Xfce)
183
184     # dev tools
185     gcc
186     cabal2nix
187     vagrant
188     silver-searcher
189     tig
190     fzf
191     gist
192     pkgconfig
193     # haskellPackages.ghc
194     # haskellPackages.cabal-install
195     # haskellPackages.alex
196     # haskellPackages.happy
```

```
197 #   haskellPackages.stylish-haskell
198 #   haskellPackages.hlint
199 #   haskellPackages.ghc-mod
200 #   haskellPackages.stack
201
202     # dev libs
203     gnome3.gtk
204     SDL2
205     zlib
206
207     # admin tools
208     tightvnc
209     virtmanager
210     libressl
211     nixops
212     mkpasswd
213     sslscan
214     testdisk
215
216     # misc
217     physlock
218     iptables
219
220     # games
221     # steam
222 ];
223
224 environment.sessionVariables = {
225 };
226
227 # List services that you want to enable:
228 services = {
229     openssh.enable = true;
230
231     xserver = {
232         startDbusSession = true;
233         enable = true;
234         autorun = true;
235         layout = "us";
236         desktopManager = {
237             default = "none";
238             xterm.enable = false;
239             gnome3.enable = true;
240         };
241         windowManager = {
242             i3.enable = true;
243             default = "i3";
244         };
245         displayManager = {
246             slim = {
247                 enable = true;
248                 defaultUser = "kynan";
```

```

249         #extraConfig = ''
250         #sessionstart_cmd    ${pkgs.xorg.sessreg}/bin/sessreg -a -l tty$(fgconsole)
251         #sessionstop_cmd     ${pkgs.xorg.sessreg}/bin/sessreg -d -l tty$(fgconsole)
252         #'';
253     };
254     sessionCommands = "${pkgs.networkmanagerapplet}/bin/nm-applet &";
255 };
256 #     displayManager = {
257 #         gdm = {
258 #             enable = true;
259 #         };
260 #     };
261
262 #     synaptics = {
263 #         enable = true;
264 #         horizontalScroll = true;
265 #     };
266
267     videoDrivers = [ "nvidia" ];
268     deviceSection = ''
269         Option "IgnoreEdidChecksum" "DFP-0, DFP-3"
270     '';
271     # Option "MetaModes" "DFP-0: 2560x1440_60 +0+0, DFP-3: 2560x1440_60 +2560+0 {rota
272     # Option "MetaModes" "DFP-0: 2560x1440_60 +0+0, DFP-3: 2560x1440_60 +2560+0"
273     screenSection = ''
274         Option "MetaModes" "DVI-D-0: nvidia-auto-select +2560+0 {rotation=right}, DVI-I
275         Option "DPI" "110 x 110"
276     '';
277 };
278
279 #     redshift = {
280 #         enable = true;
281 #         latitude = "48";
282 #         longitude = "11";
283 #         temperature = {
284 #             day = 3500;
285 #             night = 3500;
286 #         };
287 #         brightness = {
288 #             day = "1.0";
289 #             night = "0.7";
290 #         };
291 #     };
292
293     pcscd.enable = true;
294
295     # https://nixos.org/wiki/Solve_GConf_errors_when_running_GNOME_applications
296     #     dbus = {
297     #         enable = true;
298     #         packages = [ pkgs.gnome.GConf ];
299     #     };
300

```

```
301     gnome3 = {
302 #       gvfs.enable = true;
303 #       sushi.enable = true;
304     };
305 };
306
307 # Define a user account. Don't forget to set a password with 'passwd'.
308 users.extraUsers.kynan = {
309     name = "kynan";
310     group = "users";
311     extraGroups = [ "wheel" "networkmanager" ];
312     isNormalUser = true;
313     uid = 1000;
314     createHome = true;
315     home = "/home/kynan";
316 };

```