

# Ricing

- “**Ricing**”: Pretentious over-customization of Japanese tuner cars
- **In Linux**: Aesthetic & functional desktop tweaking
  - Improved workflow & minimalism

## Goal

- Whirlwind tour of Linux ricing ecosystem
- Show what’s possible
- Highlight modularity & freedom
- Share my approach

## Holy grail

<https://reddit.com/r/unixporn>

## Dotfiles

<https://github.com/rec1dite/dotfiles>

# 01 36

Monday, December 24

358 days around the sun

mist 4°C



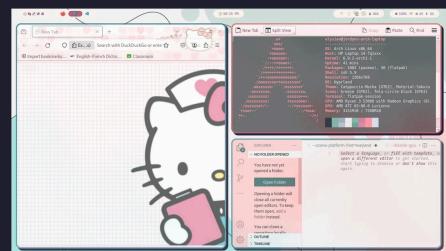
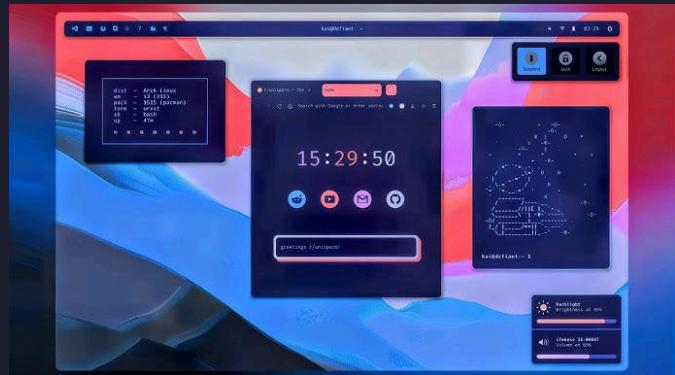
Sacred Worlds  
Blind Guardian



11GB free

Search

Exit



# Desktop / Core Components

## Display Server

- Graphical system layer
- Renders applications to screen
- *Xorg* (legacy, mature)
- *Wayland* (modern)



## Desktop Environment

- Complete software suite
- Includes file manager, panel, launcher, etc.
- *GNOME*, *KDE*, *XFCE*, *MATE*



# Desktop / Window Management

## Window Manager

- Controls layout & behavior of windows
- Typically handles system keybinds
- Xorg-based:
  - *i3, AwesomeWM, DWM, QTile, XMonad*
- Wayland-based:
  - *Sway, Hyprland*

## Compositor

- Manages post-processing effects (transparency, shadows, animations)
  - *Picom, Xcompmgr*

## System Tray

- Holds background app icons
- *Trayer, Systray*

# Desktop / Launchers & Panels

## App Launcher

- Alternative to Windows start menu
- Extensible fuzzy search + plugin support
- Popular options:
  - *Rofi, Dmenu, Albert* (Xorg)
  - *Wofi, Fuzzel* (Wayland)

## Bar

- Displays active workspaces, CPU usage, etc.
- *Polybar, Lemonbar, Xmobarr, Eww*

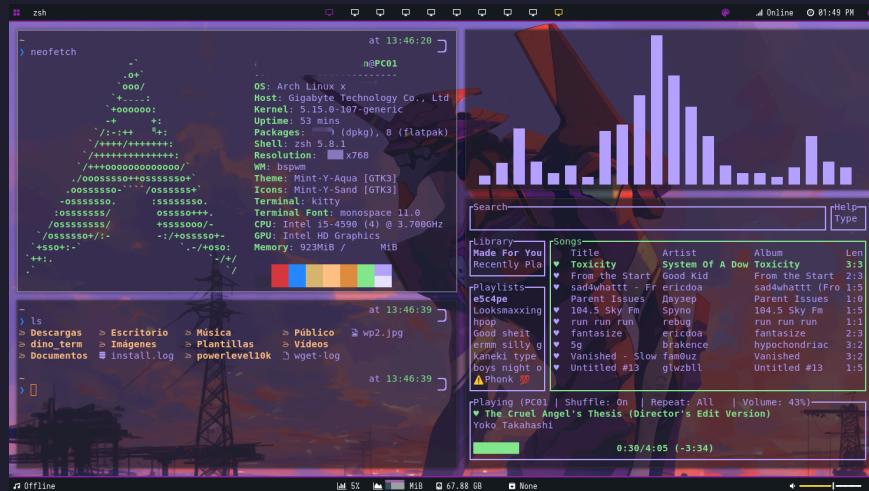
## Notification Daemon

- Manages visual desktop notifications
- *Dunst, Mako, Notification Daemon*

# Desktop / Terminals & Toolkits

## Terminal Emulator

- Your window to the command line
- *Kitty, XTerm, Alacritty, Cool Retro Term*



## GUI Toolkits

- Define app look & feel
- *GTK* (used by GNOME), *QT* (used by KDE)
- Others: *wxWidgets*, *FLTK*

# Window Manager / XMonad

## Why XMonad?

- Pure functional design in Haskell
- Tiling by default
- Scriptable layouts

## Config

- Defined in *xmonad.hs*
- Compile for changes to apply
- Integrate with xmobar/polybar

xmonad

# Bar / Polybar

## Overview

- Lightweight & highly customizable bar
- Modules: *date, wifi, eth, battery, memory, workspaces, music, powermen*

## Integration

- Connects via *dbus*
- Controlled via scripts or window manager

## Workspaces

- Workspace indicators with clickable actions
- Colors can reflect window state

## Layouts

- Icons/textual indicators
- Dynamic switching

# Distro / NixOS

## Why NixOS?

> *sudo nixos-rebuild switch*

- Declarative system config
- Reproducible environments
- Clean rollback support

## Home Manager

- User-level config
- Version-controlled dotfiles
- Unified with system settings

## Stylix

- Apply themes to system & apps
- Integrates with home-manager



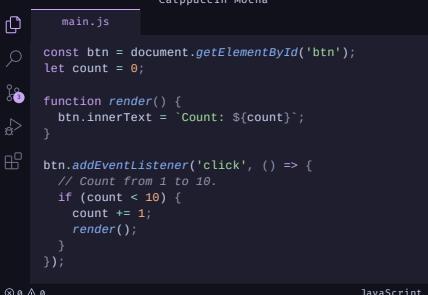
# Color & Themes

## Color Schemes

- *Catpuccin, Dracula, Rosepine*
- *Tomorrow Night, Nord, One Dark, Horizon*

<https://vscodethemes.com>

Catpuccin Mocha

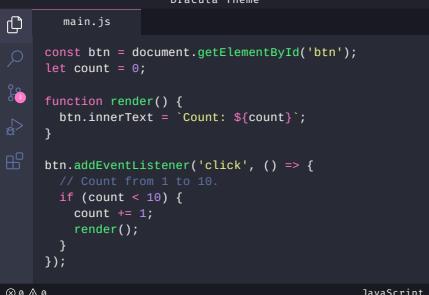


```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Dracula Theme



```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Rosé Pine



```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Mix Night Blue

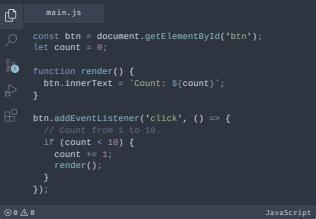


```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Nord

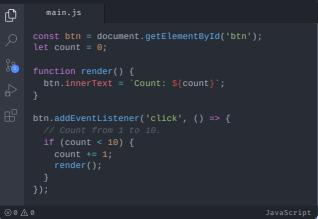


```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Atom One Dark



```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

Horizon



```
main.js
const btn = document.getElementById('btn');
let count = 0;

function render() {
  btn.innerText = `Count: ${count}`;
}

btn.addEventListener('click', () => {
  // Count from 1 to 10.
  if (count < 10) {
    count += 1;
    render();
  }
});
```

## Browser Styling

- *Stylus*: userstyles CSS overrides for specific websites
- *Dark Reader*: dynamic dark mode for all sites
- *Vimium*: Vim-based shortcuts for mouseless browsing

# Foundations

## Unix Core Philosophy

- Freedom
  - Open source
  - Modular
  - Interoperable
  - Extensible
  - Minimalist

## Where to Dive Deeper

- *r/unixporn* → <https://reddit.com/r/unixporn>
  - Most posts have dotfiles available
- *Arch Wiki* → <https://wiki.archlinux.org>

## Dotfiles

<https://github.com/rec1dite/dotfiles>