

Free/Libre and Open Source Software

What, Why and How?

Minto Joseph

whoami

Devops Engineer

Pythian
love your data

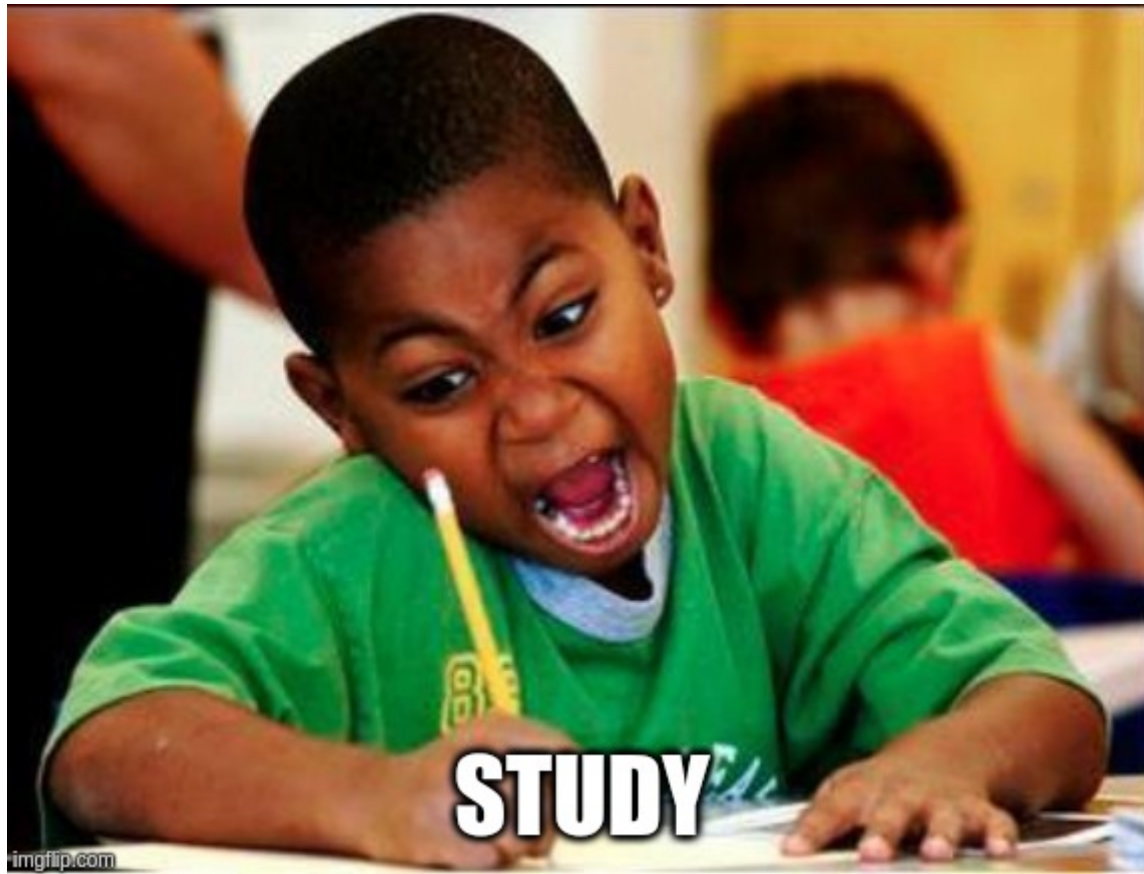


SECURITY HACKER/CRACKER

imgflip.com











0: The freedom to **run** the program for any purpose.

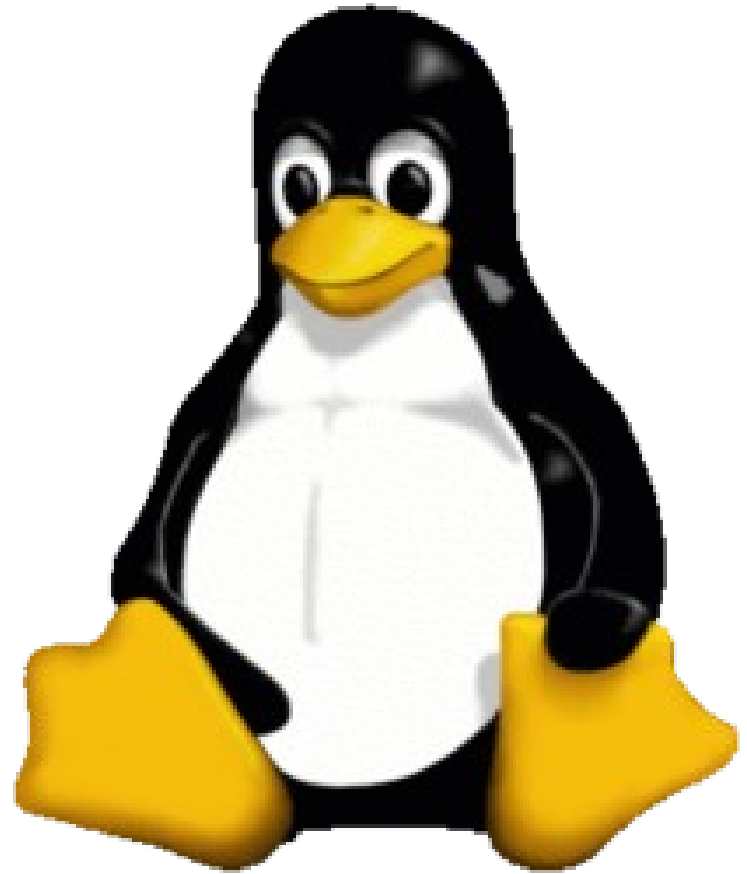
1: The freedom to **study** how the program works, and change it to make it do what you wish.

2: The freedom to **redistribute** copies so you can help your neighbor.

3: The freedom to **improve** the program, and release your improvements (and modified versions in general) to the public, so that the whole community benefi



FREE SOFTWARE
F O U N D A T I O N



"The most important book about technology today,
with implications that go far beyond programming."
—Guy Kawasaki

Revised & Expanded

THE CATHEDRAL & THE BAZAAR

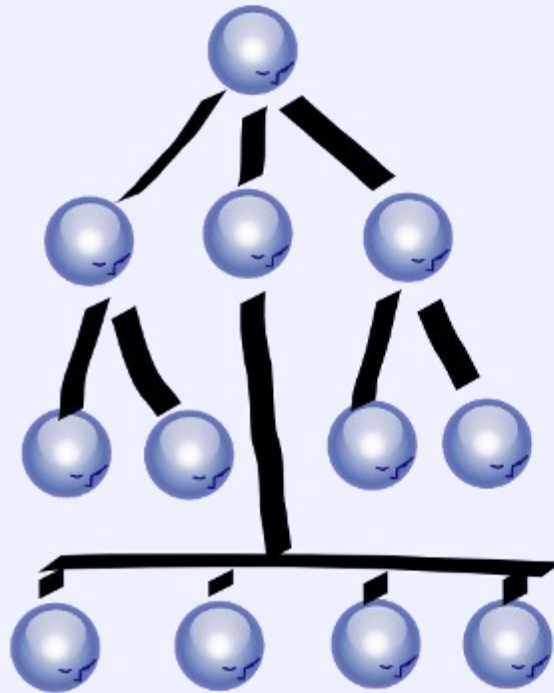
MUSINGS ON LINUX AND OPEN SOURCE
BY AN ACCIDENTAL REVOLUTIONARY



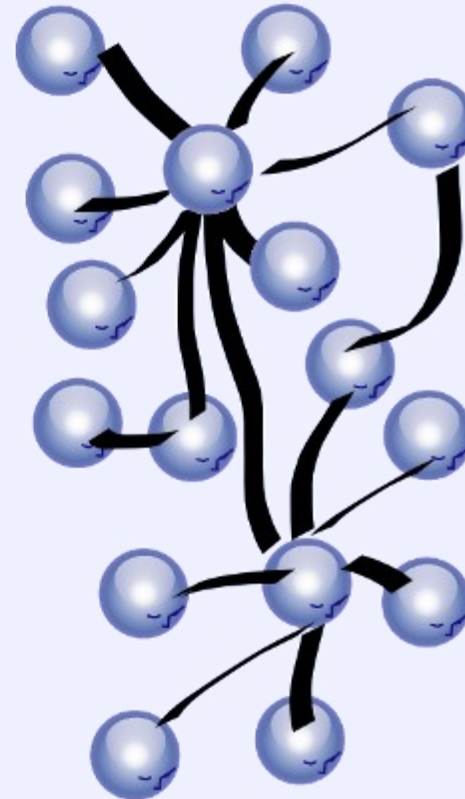
ERIC S. RAYMOND

WITH A FOREWORD BY BOB YOUNG, CHAIRMAN & CEO OF RED HAT, INC.

Cathedral



Bazaar



Good software starts by scratching a developer's personal itch.

Good programmers know what to write. Great ones know what to rewrite (and reuse).

Release early. Release often.

Large enough beta-tester and co-developer base, results in quick fixes.

Why use FOSS?

Security

Privacy

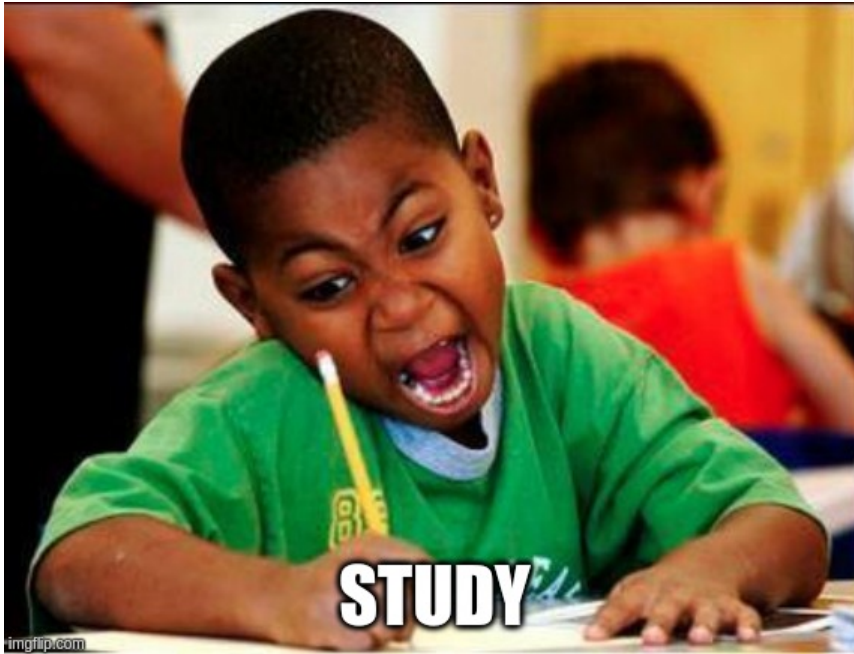
Flexibility

Quality

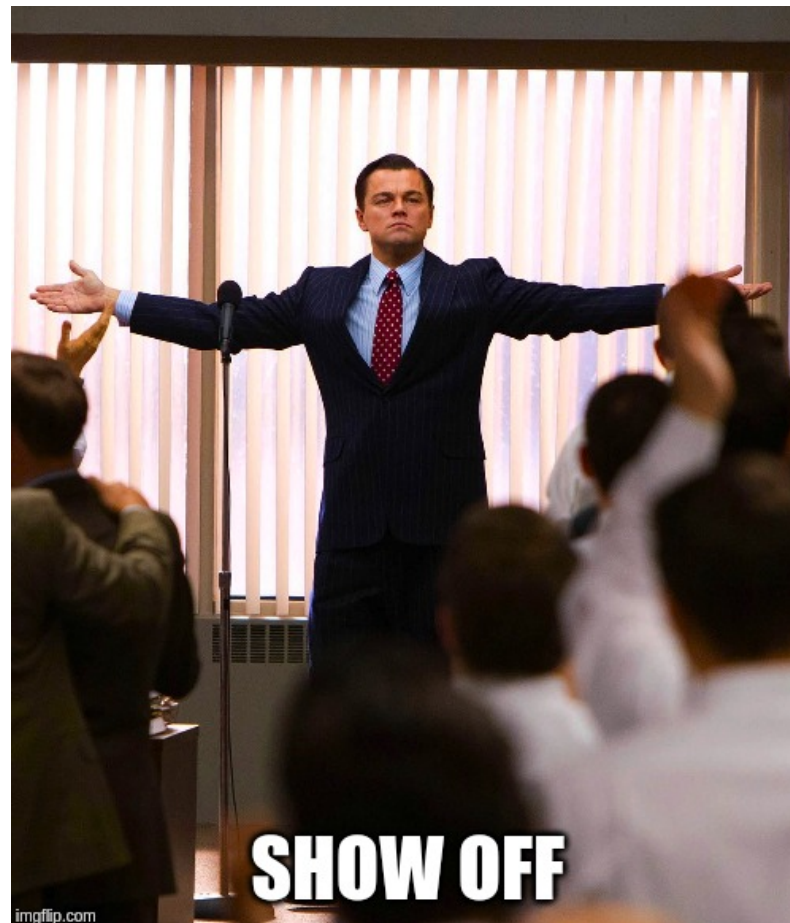
Decreased Cost

Try Before You Buy

Why contribute?



Why contribute?



Why contribute?



Benefits for students

Learn

Work with best minds in field

Standard coding practices

Learn to Collaborate

Real world problem solving

Resume

Communication

Software life cycle

Operating system life cycle

How to contribute?

Forums

Translation

Documentation

Advocacy

Coding, testing and bug reporting.

Maintain software

Managing infrastructure

What now?

Install and Play with Linux

Learn different projects/languages/skills

<https://devcluster.community>

Publish your College project in Public with FOSS licence

<http://www.shakthimaan.com/>

<https://up-for-grabs.net/>

Contribute

