Software Freedom Day

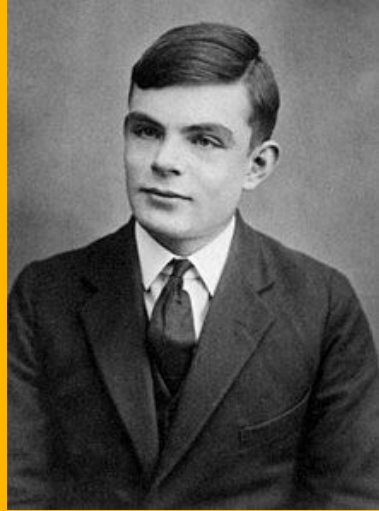## 2018

FOSS
CLUB
SJCET

Hello!

Ask me Stuff.

They call it seeking knowledge for a reason.

Alan Turing
(23 June 1912 – 7 June 1954)

1

Hackers

A computer **hacker** is any skilled computer expert that uses their technical knowledge to overcome a problem.

2

Richard Stallman
(born March 16, 1953 –)

Richard Stallman
(born March 16, 1953 –)

2

__Freedom Zero:__

The freedom to run the program as you wish, for any purpose

Freedom One:

The freedom to study how the program works, and change it so it does your computing as you wish. Access to the source code is a precondition for this.

Freedom Two:

The freedom to redistribute copies so you can help others.

Freedom Three:

The freedom to distribute copies of your modified versions to others. By doing this you can give the whole community a chance to benefit from your changes. Access to the source code is a precondition for this.
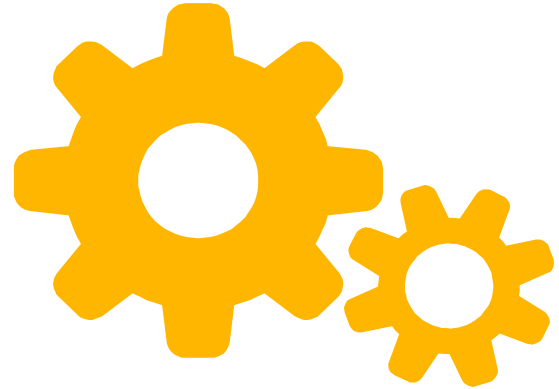
3

Steven Paul Jobs
(24 February 1955 - 5 October 2011)

William Henry Gates III
(born October 28, 1955 –)

3

The Kernel

The kernel is one of the first programs loaded on start-up. It handles the rest of start-up as well as input/output requests from software, translating them into data-processing instructions for the central processing unit. It handles memory and peripherals like keyboards, monitors, printers, and speakers.

4

Linus Benedict Torvalds
(28 December 1969 -)

1.8%

According to web server statistics, as of June 2016, the estimated market share of Linux on desktop computers is around 1.8%. In comparison, Microsoft Windows has a market share of around 89.7%, while macOS covers around 8.5%.

79.3%

Android, which is based on the Linux kernel, has become the dominant operating system for smartphones. During the second quarter of 2013, 79.3% of smartphones sold worldwide used Android. Android is also a popular operating system for tablets, being responsible for more than 60% of tablet sales as of 2013.
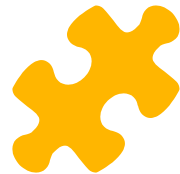
95%

According to the Linux Movies Group, more than 95% of the servers and desktops at large animation and visual effects companies use Linux. The first major film produced on Linux servers was 1997's Titanic. Since then major studios including DreamWorks Animation, Pixar, Weta Digital, and Industrial Light & Magic have migrated to Linux.

96.55%

W3Cook publishes stats that use the top 1,000,000 Alexa domains,[133] which as of May 2015 estimate that 96.55% of web servers run Linux, 1.73% run Windows, and 1.72% run FreeBSD.

Linux is **Everywhere**

- Top 500 Supercomputers
- Flight Entertainment Systems
- Smart Refrigerators and Nest Thermostat
- Large Hadron Collider and International Space Station

- Self-Driving Cars
- Traffic Control Systems
- Robotic Milking System

This is just the tip of the iceberg...

Windows

vs

Linux

6

Linda Liukas
Creator of Ruby Girls
The kind of people our industry
needs right now.

Thanks!

Any questions?
Like Anything.