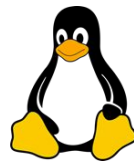




Software Freedom Day 2018

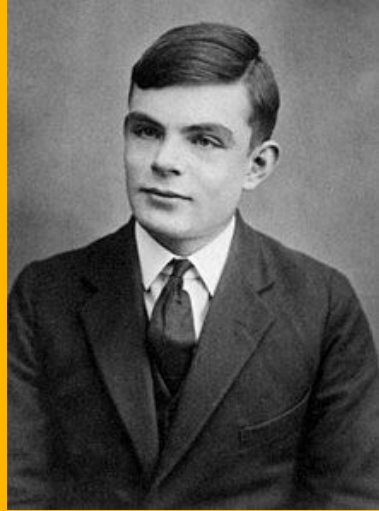
**THE
NEXUS**
SJCET



Hello!

Ask me Stuff.

They call it seeking knowledge for
a reason.



Alan Turing
(23 June 1912 – 7 June 1954)



Hackers

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



Richard Stallman
(born March 16, 1953 –)



Richard Stallman
(born March 16, 1953 –)



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



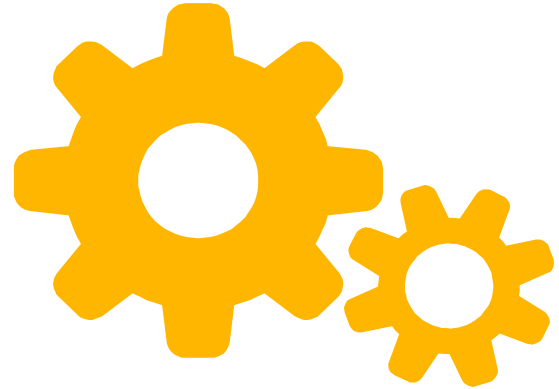


Steven Paul Jobs
(24 February 1955 - 5 October 2011)

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

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.





Linus Benedict Torvalds
(28 December 1969 -)



1.8%

According to web server statistics, as of June 2016, the estimated market share of GNU/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 GNU/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.



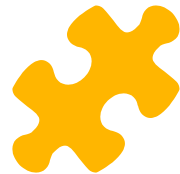
95%

According to the GNU/Linux Movies Group, more than 95% of the servers and desktops at large animation and visual effects companies use GNU/Linux. The first major film produced on GNU/Linux servers was 1997's Titanic. Since then major studios including DreamWorks Animation, Pixar, Weta Digital, and Industrial Light & Magic have migrated to GNU/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 GNU/Linux, 1.73% run Windows, and 1.72% run FreeBSD.



GNU/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...

5

Windows

Vs

GNU/Linux



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



Thanks!

Any questions?
Like Anything.