Open Source

@SiddharthVipul

Slides under: CC BY SA 4.0

vipul.dev/christ-foss-jun-28-2020.pdf

Shoutout to @jflory7
For slides' inspiration

@SiddharthVipul

What is Open Source?

Open Source is more than just a method.

It's a movement!

We just happen to ship software

@SiddharthVipul

What will we discuss?

- What is Open Source?
- FOSS and more
- How to contribute
- The Fedora Project

Who am I?

- Software Engineer @ Red Hat
- CentOS and Fedora CI Infrastructure babysitter
- Fedora Mindshare Committee member
- Distribution DevRoom manager @ FOSDEM

@SiddharthVipul

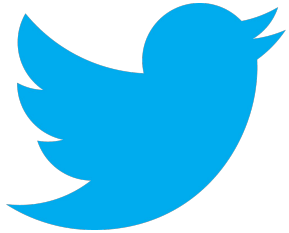
FOSS/FLOSS

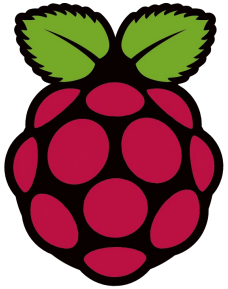
Free and Open Source Software

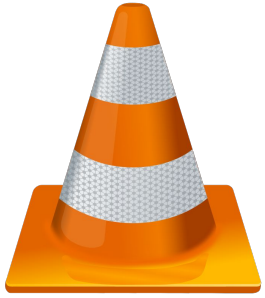
@SiddharthVipul

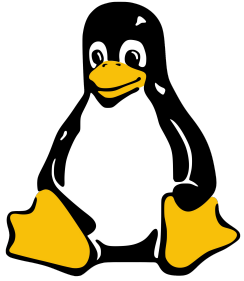
सत्यमेव जयते

Goverment Of India

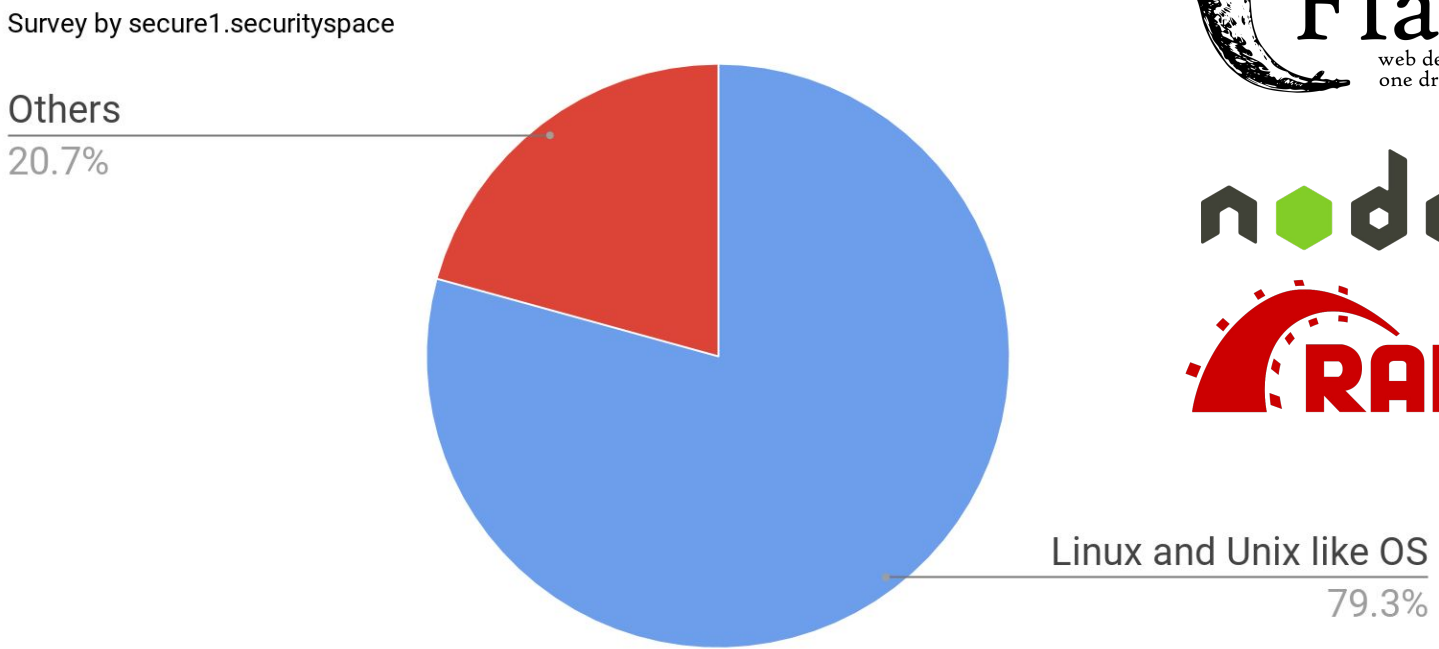








Open source: on the web



Open source: In your Code

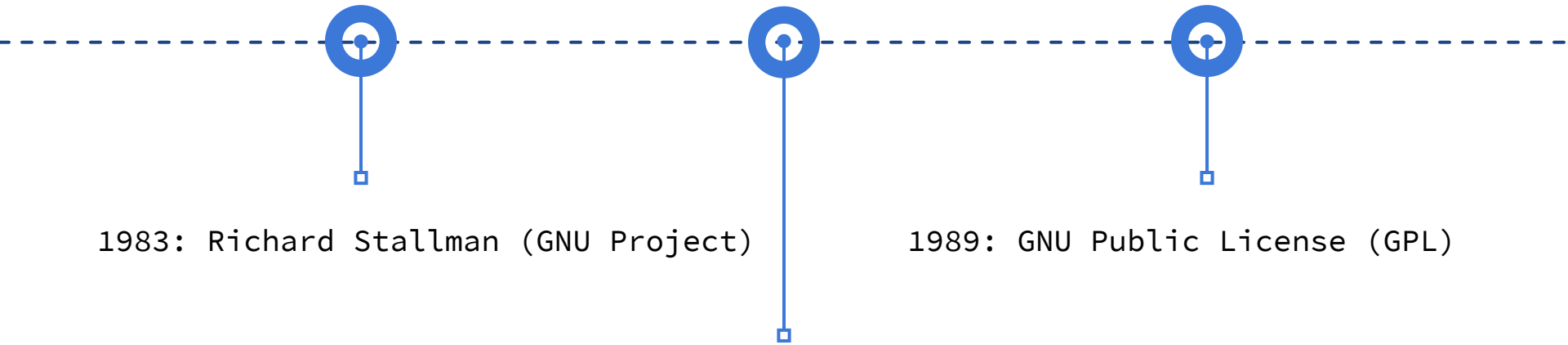
But why Public Code?

- Control
- Training
- Security
- Stability

Linus's Law:

Given enough eyeballs, all bugs are shallow

Brief Timeline - 80s



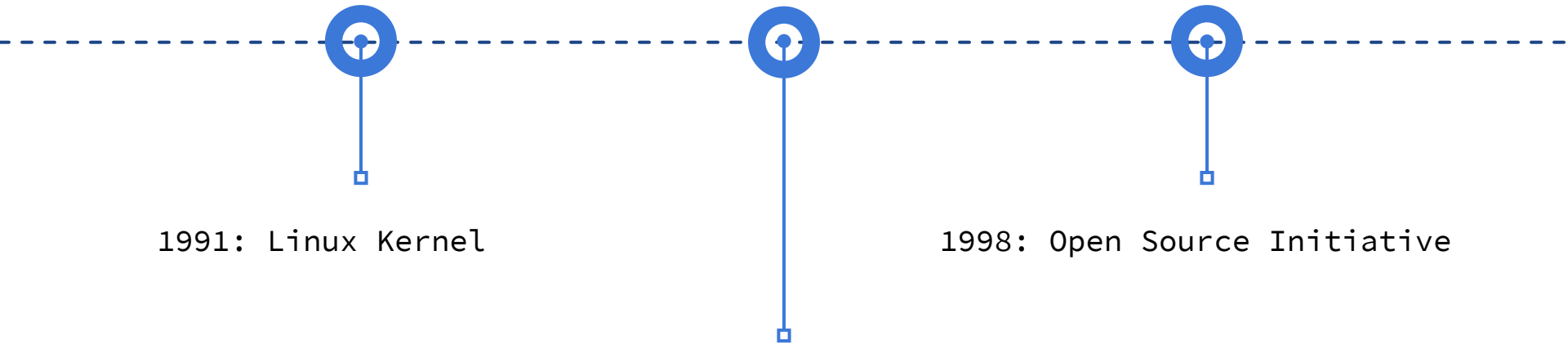
1983: Richard Stallman (GNU Project)

1985: Free Software Foundation (FSF)

1989: GNU Public License (GPL)

@SiddharthVipul

Brief Timeline - 90s



1991: Linux Kernel

1997: The Cathedral and the Bazaar

1998: Open Source Initiative

@SiddharthVipul

Four Freedoms of Open Source

Four principles of what makes “free and open source software” free and open source

Freedom to

- Read
- Run
- Revise
- Redistribute

Contributing to Open Source

Find a project (that interests you!)

Look at your computer/phone

Align personal experience with interests

Not just code

Before Jumping in, Evaluate!

Benefits of Contributing

- **Apply what you're learning to real-world projects**
  - Gain experience, build your skills – and have something to point to!
- **Networking**
  - Meet brilliant people from across the tech world
- **Leadership opportunities**
  - Lead on something you are passionate about
- **Your perspective matters**
  - Open source needs more voices of students and young people
- **Friendships and travel opportunities**
  - Conferences and meetups around the world

fedora

Free and Open Source Operating System

Freedom. Friends. Features. First.

Areas in Fedora Projects

- Advocates
- Community Operations (CommOps)
- Design
- Documentation
- Infrastructure
- Internationalization / localization
- Marketing (e.g. *Fedora Magazine*, *podcast*)
- Package Maintainers
- Quality Assurance (QA)

:confetti:
Thank you!