

# Community before Code

Andrea Frittoli

Developer Advocate @ IBM  
andrea.frittoli@gmail.com  
@blackchip76

September 12, 2018

[https://github.com/afrittoli/community\\_before\\_code\\_talk](https://github.com/afrittoli/community_before_code_talk)

# Agenda

- ▶ What is OpenSource
- ▶ Community
- ▶ The Apache Way
- ▶ The OpenStack Way
- ▶ Community Culture

# What is OpenSource?

# An Open Source Talk

- It's on [GitHub](#)



# An Open Source Talk

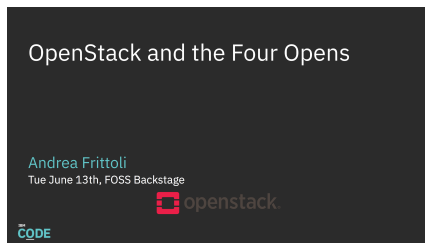
- ▶ It's on [GitHub](#)
- ▶ Apache 2.0 & Creative Commons



"Sea Plane in Vancouver" by [Andrea Frittoli](#) under [CC BY 2.0](#)

# Reusing an Open Source Talk

- ▶ New conference, new version
- ▶ Old version is never updated
- ▶ Single contributor (or small group)



"OpenStack and the Four Opens" by [Andrea Frittoli](#) under [CC BY 2.0](#)

# Reusing Software

- ▶ Can I contribute?
- ▶ Is the API stable?
- ▶ Can I influence the design?
- ▶ How do I get involved?
- ▶ Does it scale?
- ▶ How do I operate it?
- ▶ Should I invest on it?

# Community!



# Community

- ▶ Guiding principles
  - ▶ Collaboration
  - ▶ Transparency
  - ▶ Respect

- ▶ Governance

# The Apache Way

# The Apache Way

- ▶ Guiding principles
  - ▶ Merit
  - ▶ Consensus
  - ▶ Community
  - ▶ Charity

- ▶ Corporate Governance
- ▶ Technical Governance

# The OpenStack Way

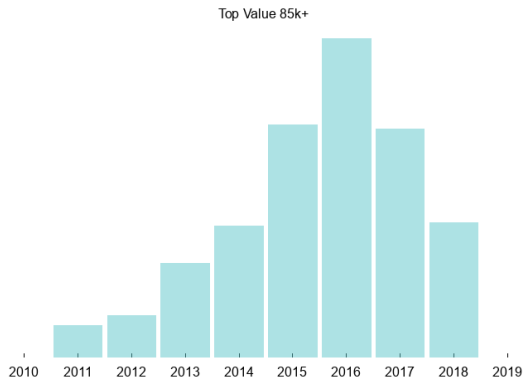
# The OpenStack way

- ▶ Open Source
- ▶ Open Design
- ▶ Open Development
- ▶ Open Community



# The OpenStack Governance

- ▶ 2010: Rackspace and NASA create OpenStack
- ▶ 2012: OpenStack Foundation
- ▶ 2014: "The Big Tent"



Commits/year - Source: [stackalytics.com](https://stackalytics.com)

# Open Source

- ▶ Code on [git.openstack.org](https://git.openstack.org)
- ▶ Apache 2.0
- ▶ CLAs or DCP
- ▶ No "open-core"

# Open Design

- ▶ Specs as code
- ▶ Release notes automation
- ▶ Project update sessions
- ▶ Scope creep
- ▶ Converges over time

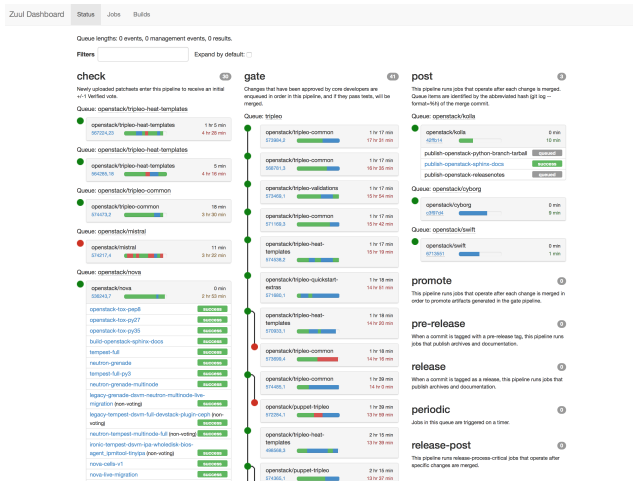


# Open Development

- ▶ Code review in Gerrit
- ▶ Shared tools, services and their configuration as code
- ▶ QA, CI, Docs, I18n, Oslo, Release

# Open Development

- ▶ Development and CI aligned
- ▶ Footprint of the development environment
- ▶ Debuggability, reproducibility



Zuul Dashboard

# Open Development

- ▶ Community Lead QA
- ▶ Project Testing Interface
- ▶ Tools and frameworks with plugins
- ▶ No centrally defined test plan or strategy

# Open Community

- ▶ Communication
- ▶ Avoid off-the-record
- ▶ Respectful and inclusive
- ▶ Decision: lazy consensus

# Open Community

- ▶ People
- ▶ Developers, users, operators
- ▶ Trust
- ▶ Mentorship, grow future leaders

# Community Culture

# Principles

- ▶ Participation is Voluntary
- ▶ We all should Always Follow the OpenStack Wayw
- ▶ One OpenStack
- ▶ OpenStack Primarily Produces Software

# Principles

- ▶ Representative Democracy
- ▶ Leaders Serve their Community
- ▶ Changes in Leadership are Good
- ▶ One Contributor, One Vote



# Principles

- ▶ We value clear, friendly, and open communication
- ▶ We Value Constructive Peer Review
- ▶ Contribution Is Our Currency

# Principles

- ▶ OpenStack First, Project Team Second, Company Third
- ▶ Empowering Businesses, on a Level Playing Field
- ▶ We all should Always Follow the OpenStack Way
- ▶ Participation is Voluntary

# References

- ▶ The Apache Way: <https://www.apache.org/foundation/governance/>
- ▶ The Four Opens: <https://governance.openstack.org/tc/reference/opens.html>
- ▶ Slides: [https://github.com/afrittoli/community\\_before\\_code\\_talk](https://github.com/afrittoli/community_before_code_talk)

Thank you!  
Questions?