



# Open Source and Git





# Community?

a group of people living in the same place or  
having a particular characteristic in common

✓ Agile Software Development Model

✗ Organisation Silos

✓ DevOps

# Developer Communities

Mailing lists 

Meetups 

DevSprints 

Conferences 



Reduce  
Organization Silos



Accept  
Failure as Normal



Implement  
Gradual Change



Leverage  
Tooling & Automation



Measure  
Everything



# open source

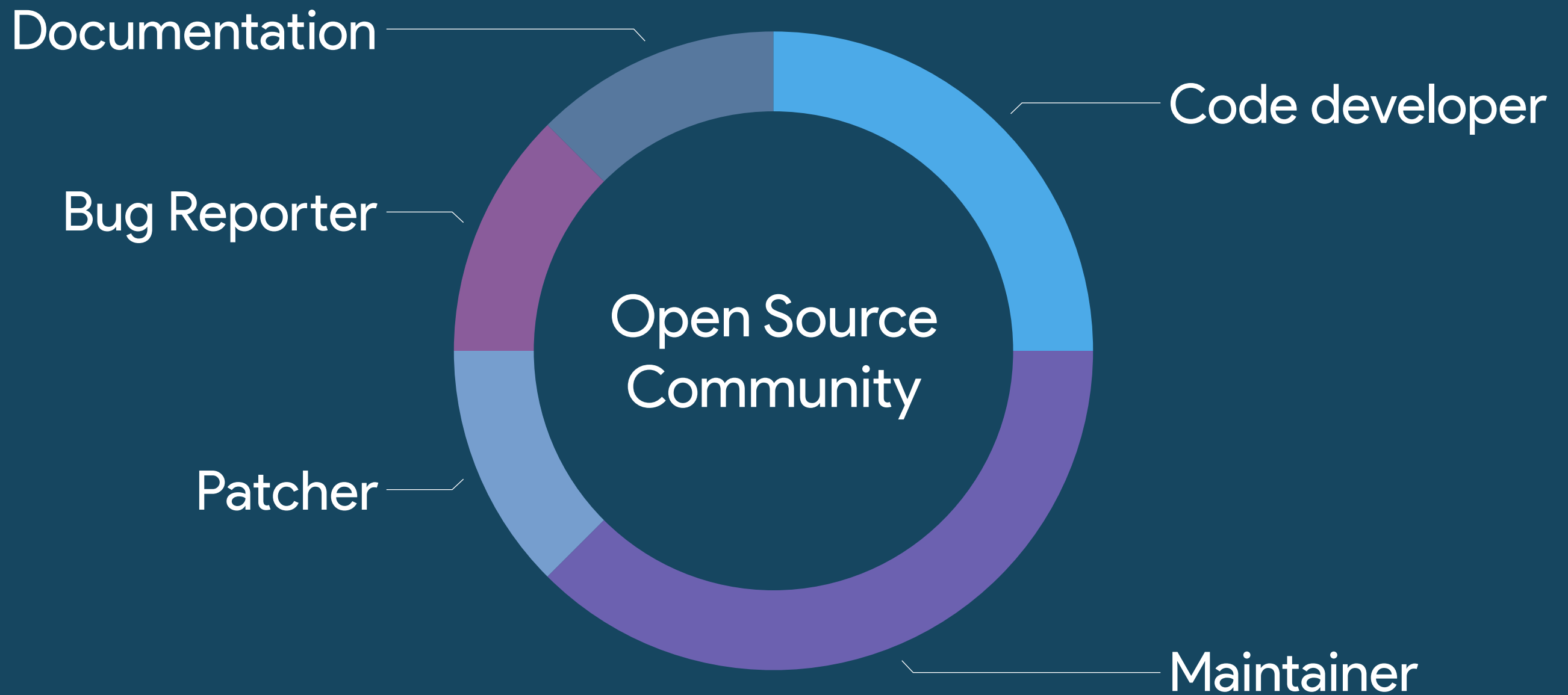
Like, why? What's wrong with proprietary?

- publicly available code
- modifiable
- transparent
- community driven development
- generally interoperable
- resilient to bugs
- cost effective
  
- No need to solve problems that have been already solved 🤔

Documentation

Bug Reporter

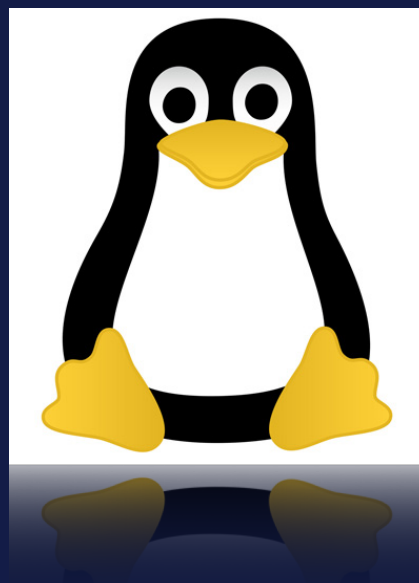
Patcher



Code developer

Maintainer

Open Source  
Community



# Linux!

Story time 

Heard about Linus Torvalds?

 [torvalds / linux](#)

 Watch ▾

6,651

 Star

68,913

 Fork

24,794

Linux kernel source tree

 811,564 commits

 1 branch

 590 releases

 ∞ contributors

 View license

How to send files across teams?  
For projects that have ever-changing files.

# Version Control

especially, when you have to deal with the  
**Source Code.**

The software industry does it that way.   
Maybe you should also try?



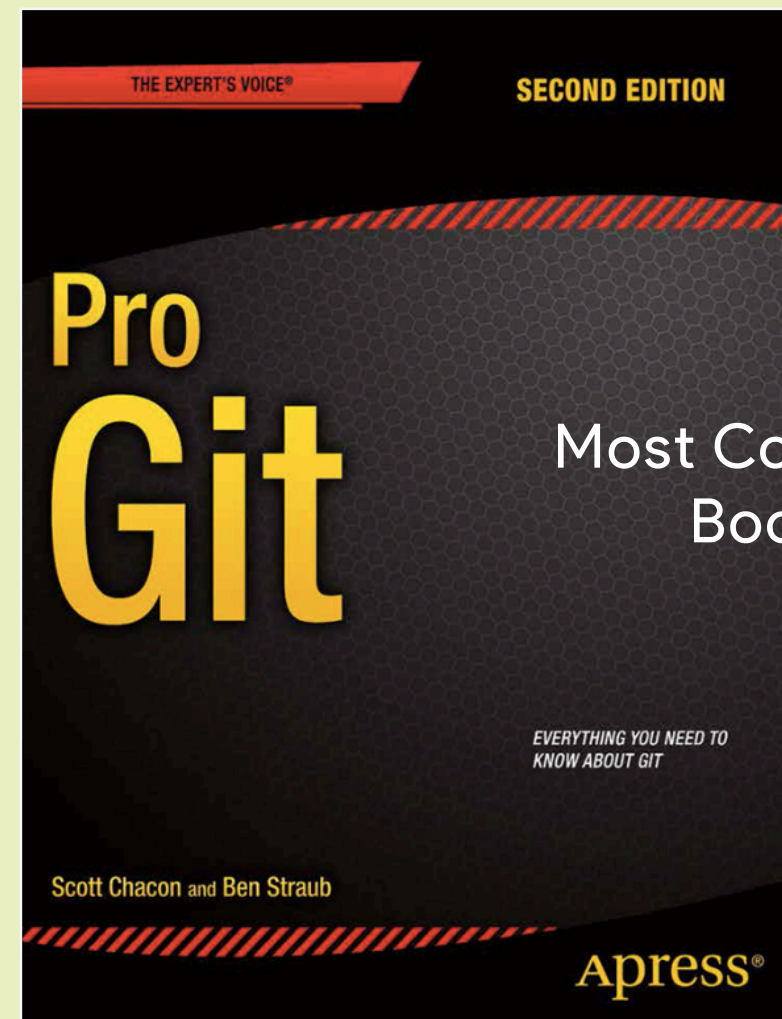


# Git\*

Both are freely  
available ebooks.



This is somewhat handy!



You may start to hate Git  
If you read this!

# Git\*

\* we have got you covered.

```
$ git init
```

```
$ git clone <URL>
```

```
$ git status # reminder: git states
```

```
$ git add --all
```

```
$ git commit -m <MESSAGE> # why message?
```

```
$ git push
```

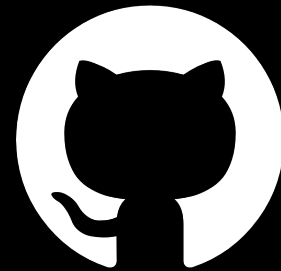
```
$ git pull
```

```
$ git log --oneline
```

```
$ git branch
```

```
$ git merge
```

```
$ git checkout # 🙄 switch working copy!
```



# Are you on GitHub?

If you ❤️ software, you need to be!

Let's help you with  
this part.

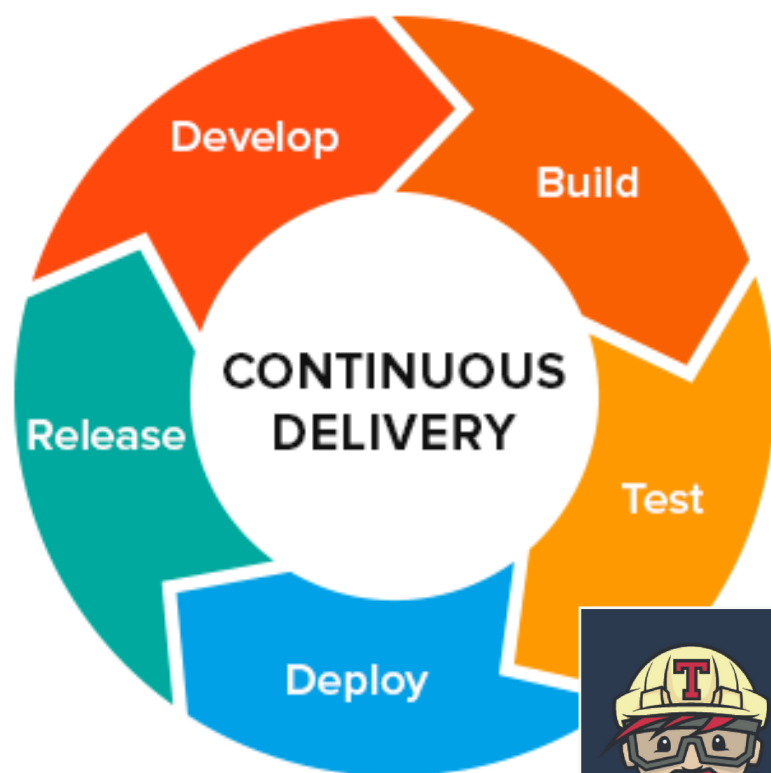
Hidden Questions?

We have got you covered on these at least!

- Forks 🍴
- Pull Requests
- Issues 💊

# Integrations

(a.k.a. a world full of possibilities)

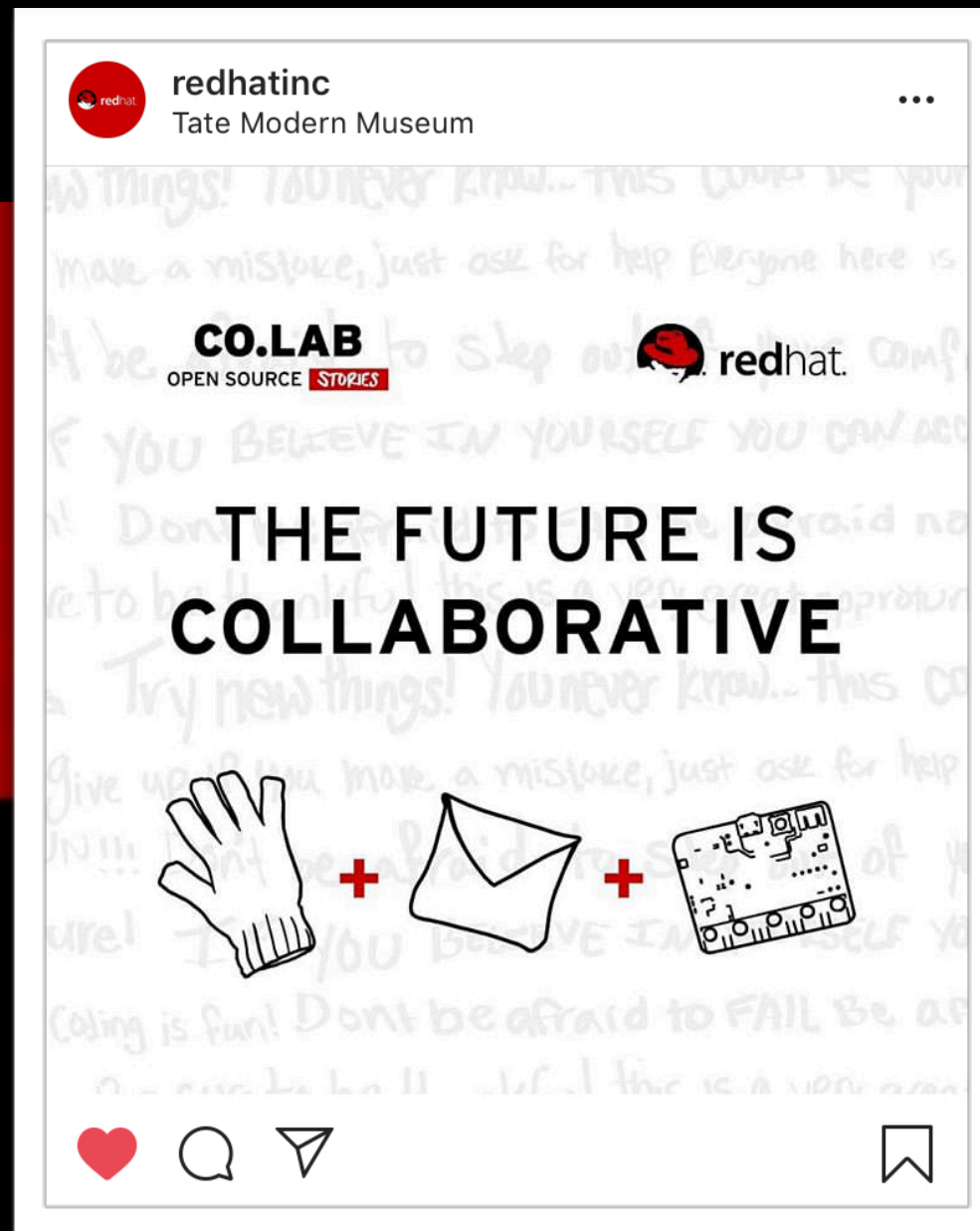




# Exploring Further!

will bring you closer to the  
actual world beyond 🤫

Links to 👁️ at:  
[bit.ly/learnXYZ](https://bit.ly/learnXYZ)  
[bit.ly/GCExpertRes](https://bit.ly/GCExpertRes)



AN ORIGINAL PODCAST FROM



<https://redhat.com/commandlineheroes>

# Thank you!

Made with ❤️

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<https://github.com/swghosh>