



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

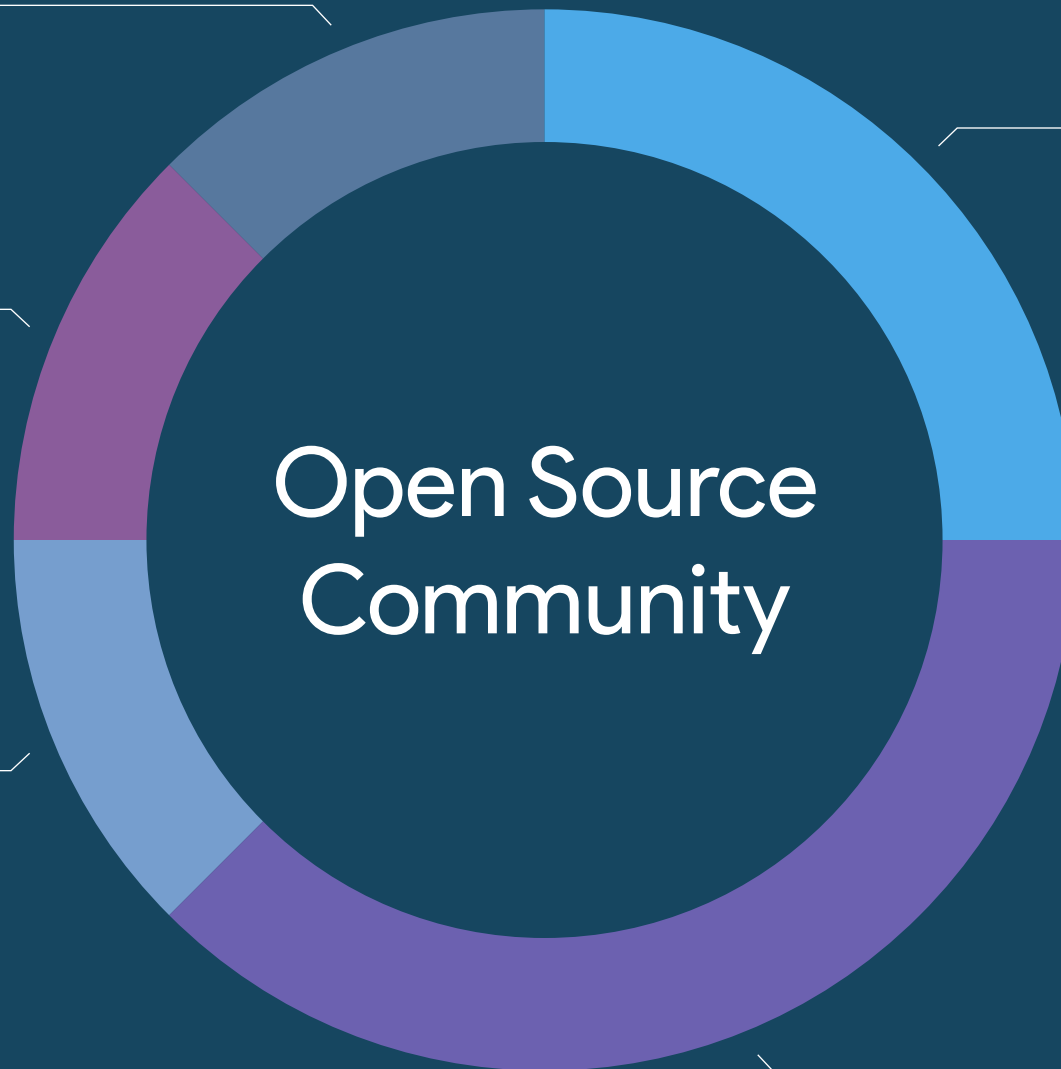
Bug Reporter

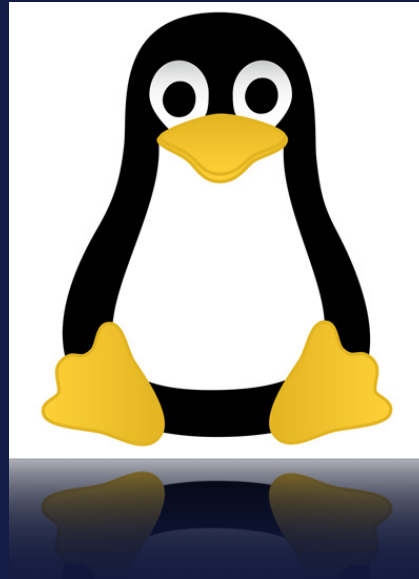
Patcher

Open Source
Community

Code developer

Maintainer





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?

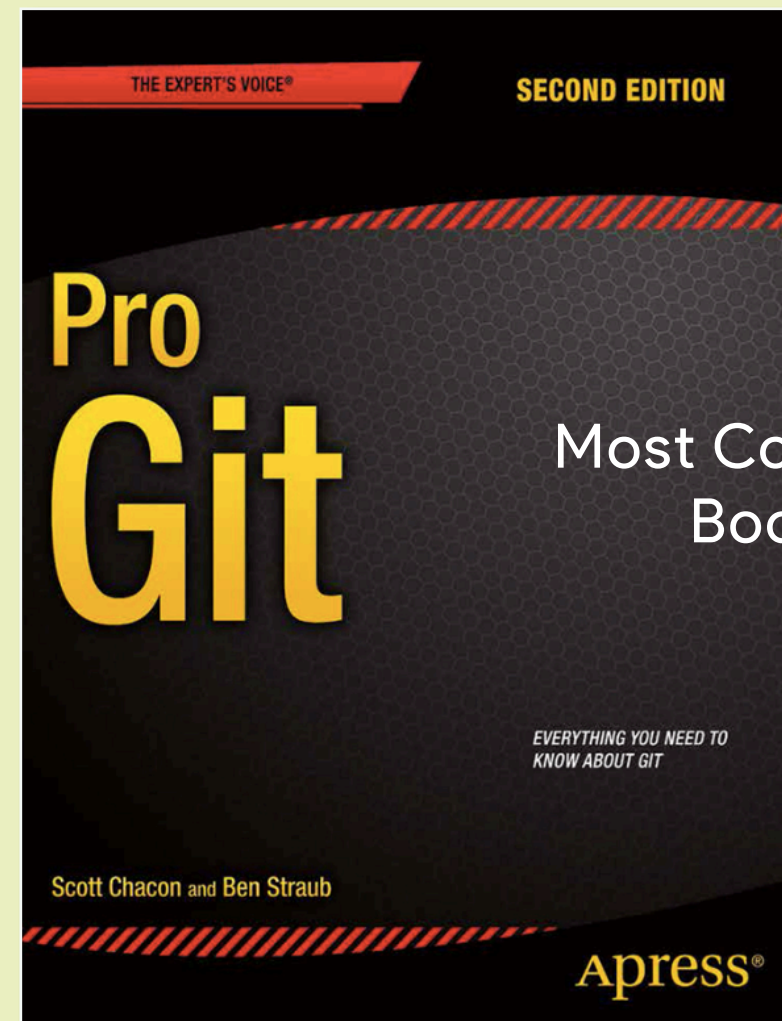


Git*

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
```

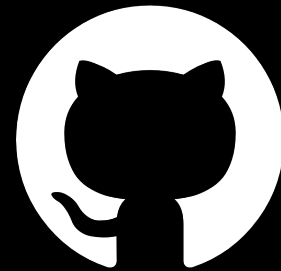
```
$ git pull
```

```
$ 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.

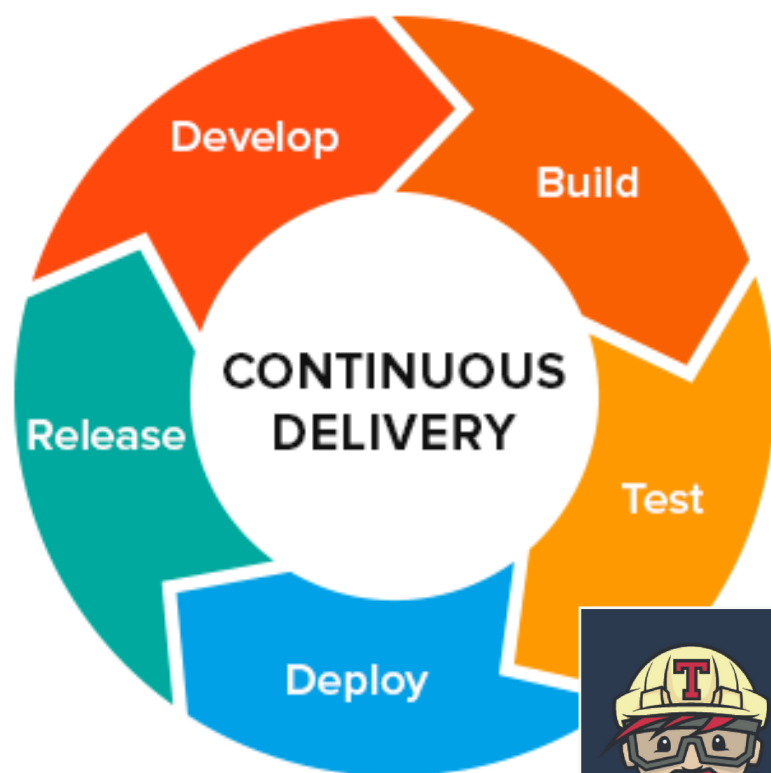
Hidden Questions?

We have got you covered on these at least!

- Forks 🍴
- Pull Requests
- Issues 💊

Integrations

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

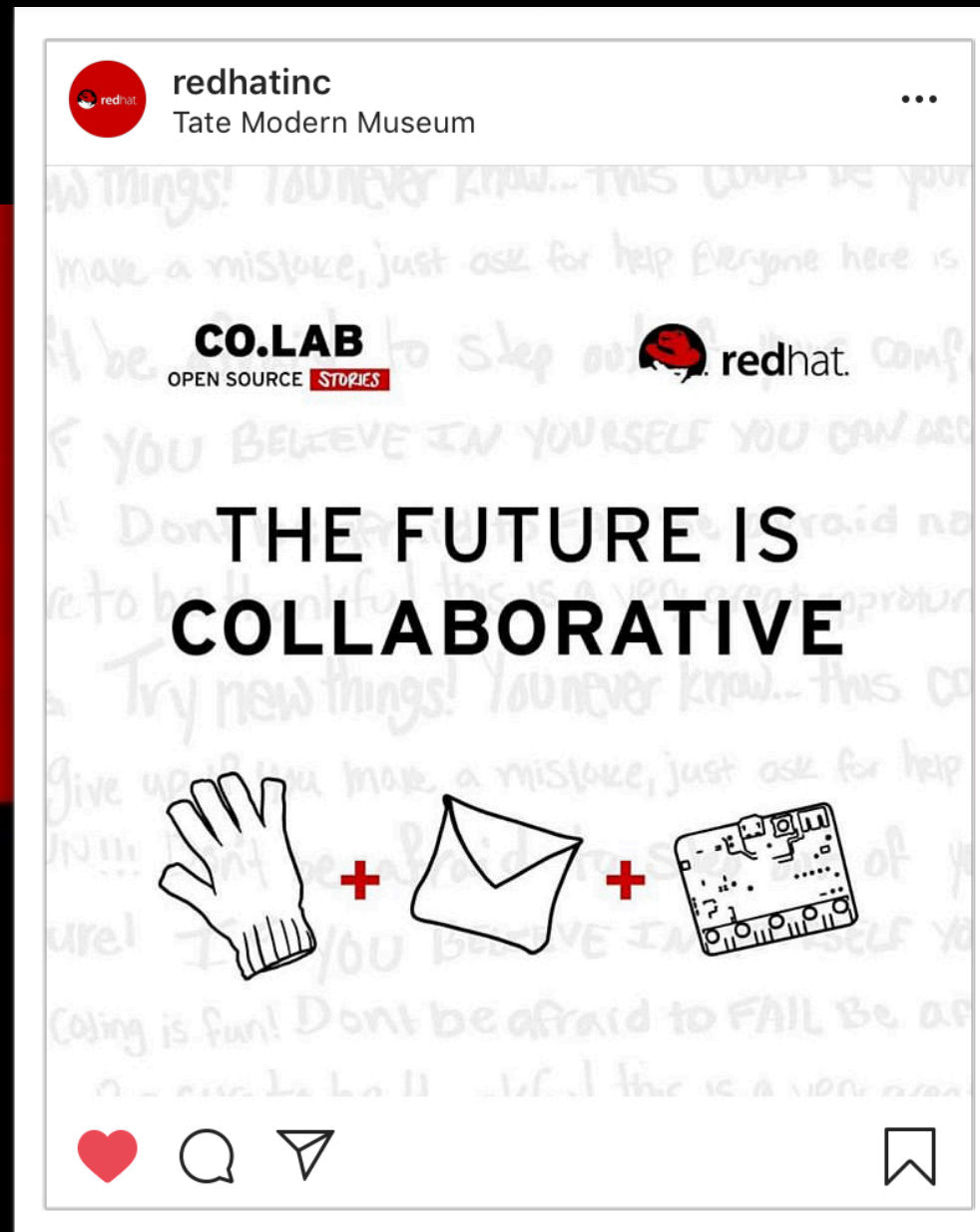




Exploring Further!

will bring you closer to the
actual world beyond 🤫

Links to 👁️ at:
bit.ly/learnXYZ
bit.ly/GCExpertRes



AN ORIGINAL PODCAST FROM



<https://redhat.com/commandlineheroes>

Thank you!

Made with ❤️

Swarup Ghosh

<https://github.com/swghosh>