Open Source Metrics @ Twitter

August 28th, 2018

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"Wearing the suit so hackers don't have to"

How much Open Source does Twitter *really* do?

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Lots and lots...

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… microservices, build systems, developer tooling, QA, machine learning, design systems, even our twemoji(!) are built on, with, or released open source.
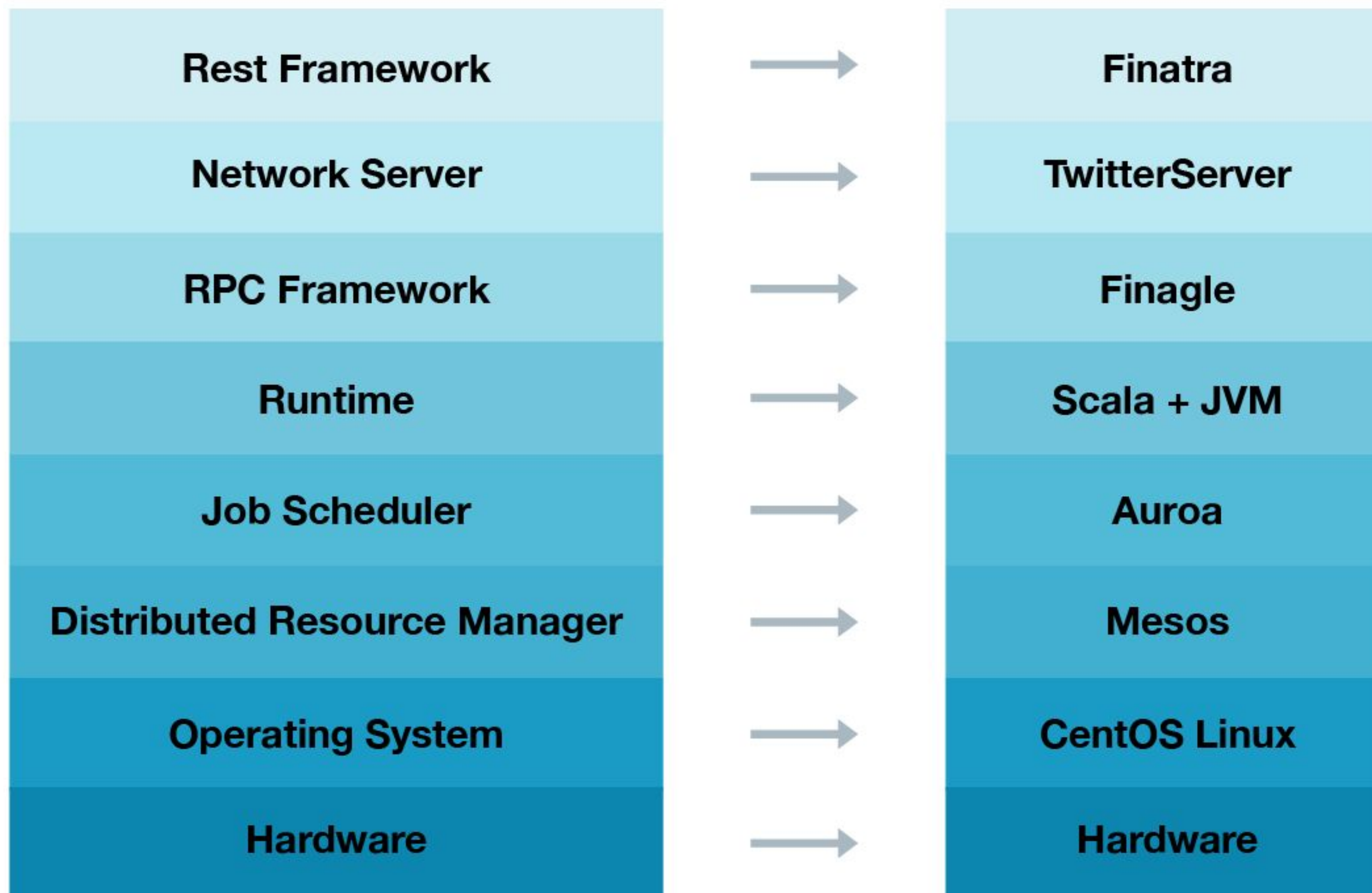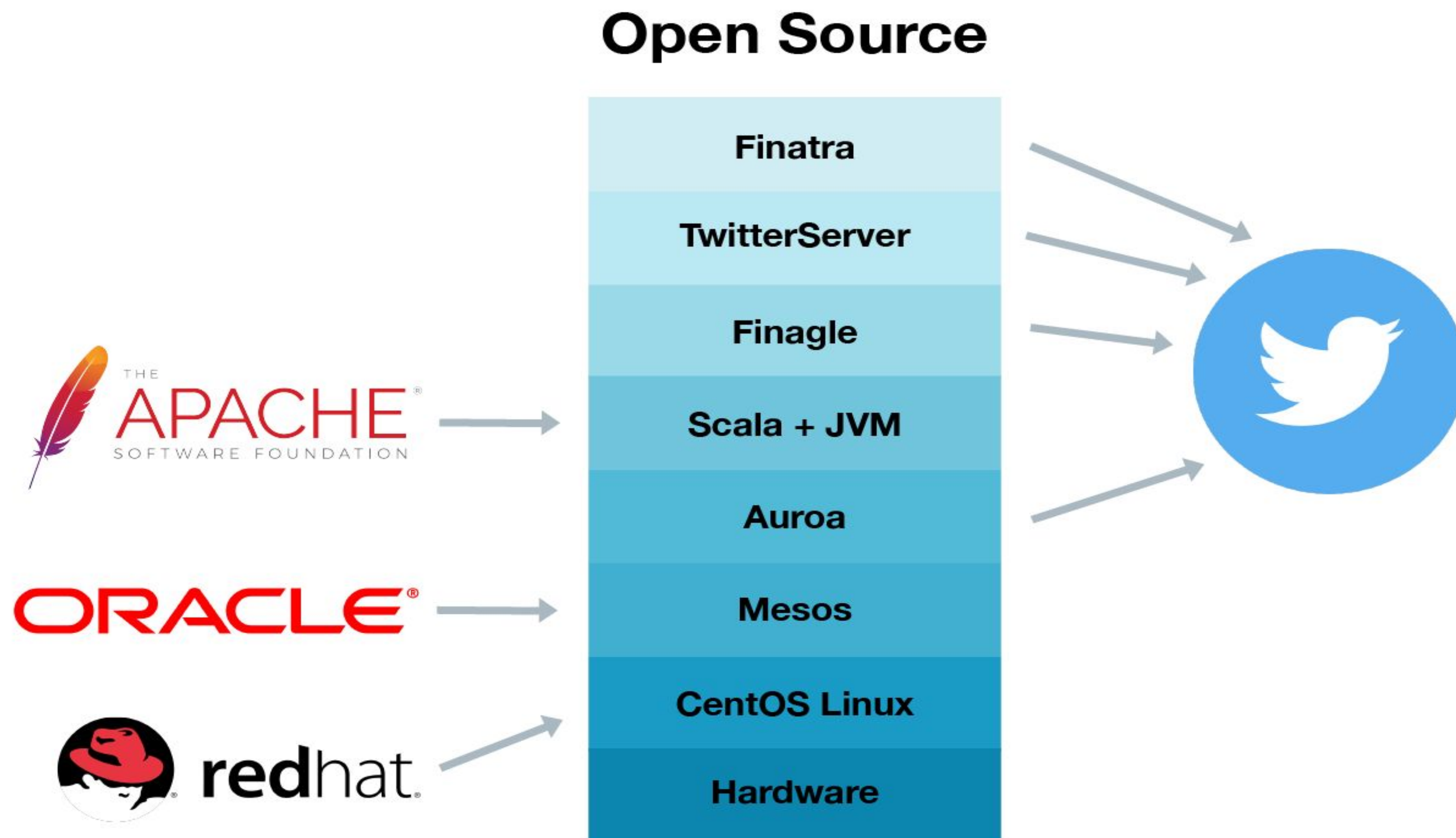
Contributors upstream and downstream

For example, the Twitter Service Stack

Rest Framework	→	Finatra
Network Server	→	TwitterServer
RPC Framework	→	Finagle
Runtime	→	Scala + JVM
Job Scheduler	→	Auroa
Distributed Resource Manager	→	Mesos
Operating System	→	CentOS Linux
Hardware	→	Hardware

For example, the Twitter Service Stack

Why Open Source?

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Openness has been part of our DNA since the beginning...

Twitter serves the public conversation by:

1 Promoting **#health**

2 Earning people's **#trust**

3 Making it **#straightforward**

4 Uniting profit and **#purpose**

5 Being **#fast**, **#free**, and **#fun!**
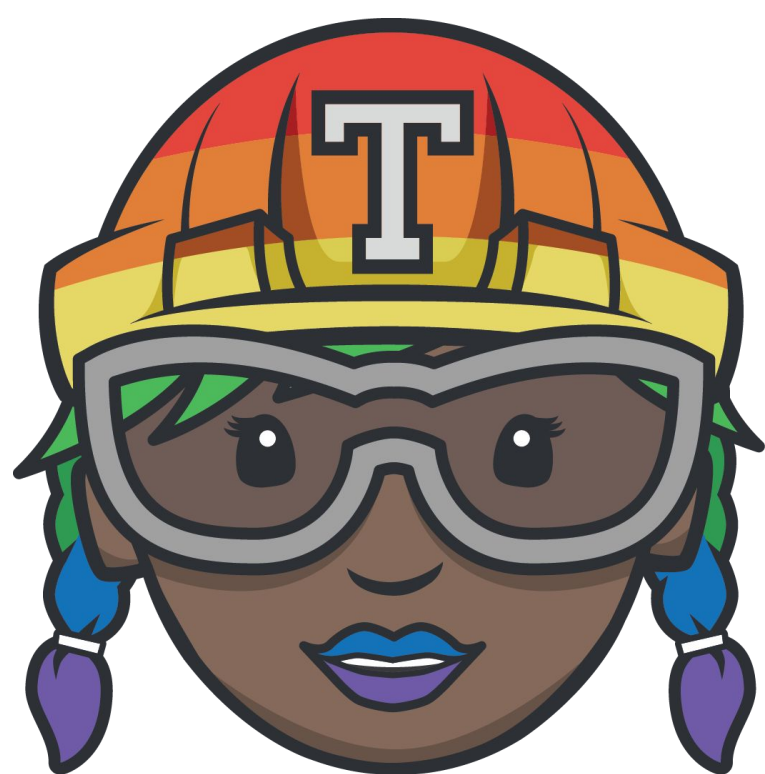
Future of Open Source at Twitter?

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Trust (Legal)
Ship   (EPDR)
Grow (Community)

Trust: Inbound/Outbound Compliance

and more...

Ship: Outbound Tooling and Metrics

🔒 twitter / **repo-scaffolding** `Private`

| ⊙ Unwatch ▾ | 4 | ★ Star | 0 | ⑂ Fork | 0 |

‹› Code   ⓘ Issues **0**   ⑂ Pull requests **0**   ▥ Projects **0**   ▤ Wiki   ‖ Insights   ⚙ Settings

Tools for creating repos based on open source standards and best pracices   `Edit`

Add topics

| ⊕ 10 commits | ⑂ 1 branch | ◌ 0 releases | 👥 1 contributor |

Branch: master ▾   New pull request   Create new file | Upload files | Find file | Clone or download ▾

OrkoHunter Update README with instructions		Latest commit 991b003 4 days ago
▪ .github	First commit	2 months ago
▪ {{cookiecutter.project_slug}}	First commit	2 months ago
▫ .gitignore	Make package installable	4 days ago
▫ CONTRIBUTING.md	First commit	2 months ago
▫ LICENSE	First commit	2 months ago
▫ README.md	Update README with instructions	4 days ago
▫ add_license_headers.py	Make package installable	4 days ago
▫ cookiecutter.json	First commit	2 months ago
▫ setup.py	Make package installable	4 days ago

▤ **README.md**   ✎

TwitterOSS Metrics   home

twitter

27 Jul 2018

Metric	This Month	Last Month	+/-
commits	124540	124082	458
forkCount	20892	20721	171
issues	7310	7190	120
openIssues	2342	2332	10
closedIssues	4968	4858	110
pullRequests	8811	8729	82
openPullRequests	507	515	-8
mergedPullRequests	6129	6066	63
closedPullRequests	2175	2148	27
stargazers	118088	116932	1156
watchers	16726	16711	15

Report permalink: https://twitter.github.io/metrics/twitter/MONTHLY-2018-07-27

Date of Last Month : 29 Jun 2018

Twitter OSS Metrics   github.com/twitter/metrics

@TwitterOSS   opensource [at] twitter.com

Grow: Relaunch Opensource.twitter.com

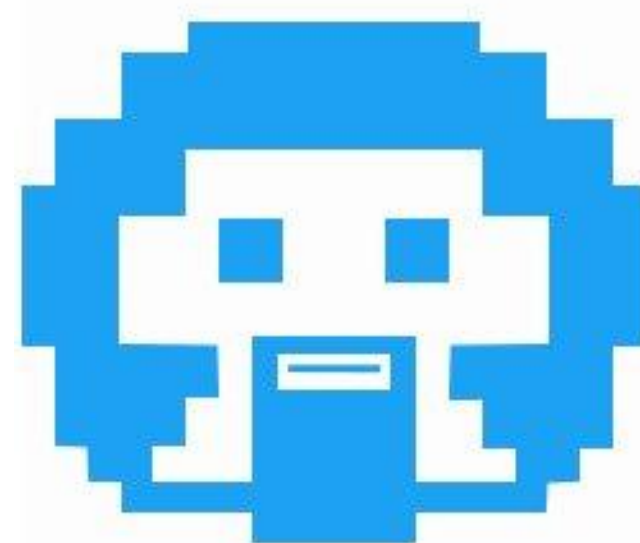# Grow: Relaunch Opensource.twitter.com

Thank You CHAOSSCon

@jennifrxx | @MarissaJasso2 | @orkohunter | @alanbato

Special Shout-out to the #OSSTerns of Summer '18 (and Spring Intern Gordon Li!)

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