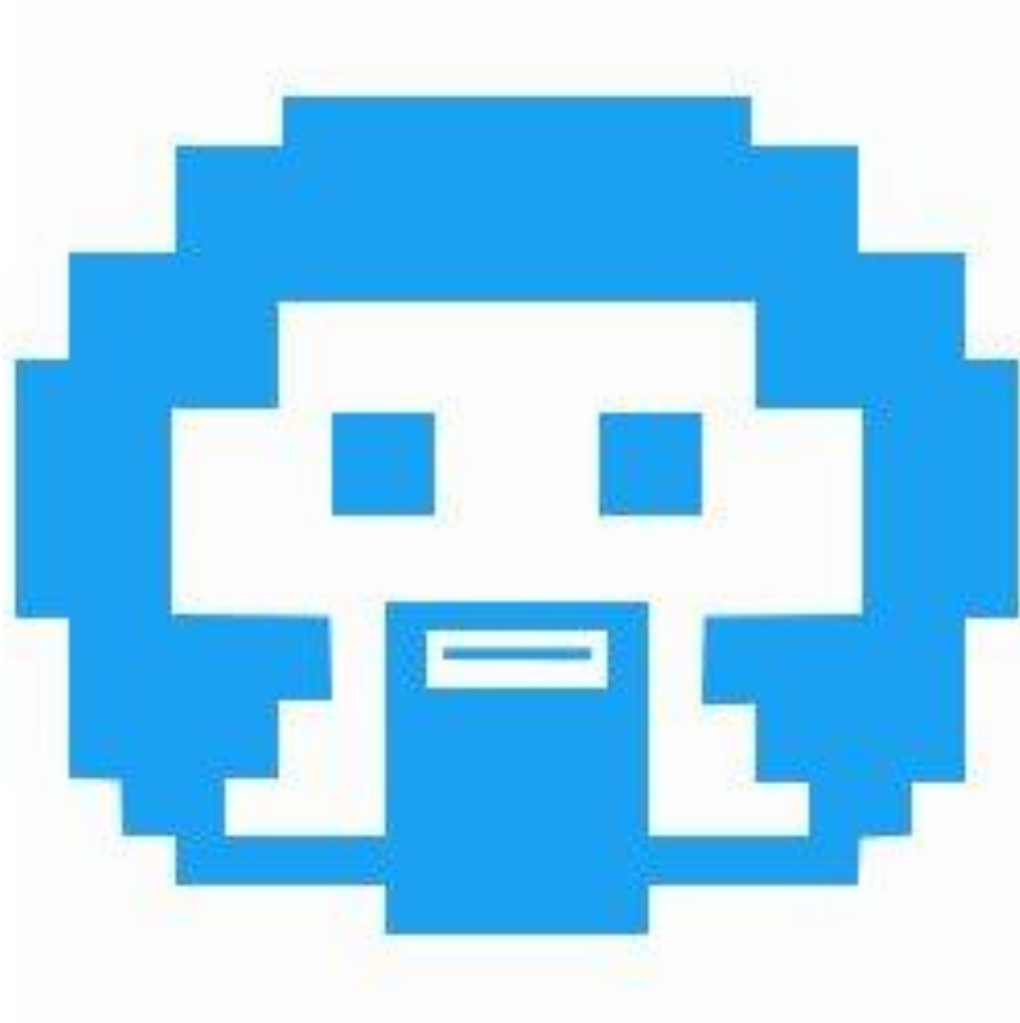# Open Source as a Vehicle for Student & Academic Engagement at Twitter

October 23rd, 2018

Remy DeCausemaker
Open Source Program Manager
@Remy_D | @TwitterOSS
"Wearing the suit so hackers don't have to"

Remy DeCausemaker

Open Source Program Manager

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

Hackademic Creds:
- Assistant Director, RIT Lab for Technological Literacy
- Instructor, RIT Dept of Interactive Games and Media
- Mentor/Org Admin, Google Summer of Code
- Mentor, GNOME Outreachy

Why Open Source @ Twitter?

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

How much Open Source does Twitter *really* do?

How much Open Source does Twitter *really* do?

Lots and lots...

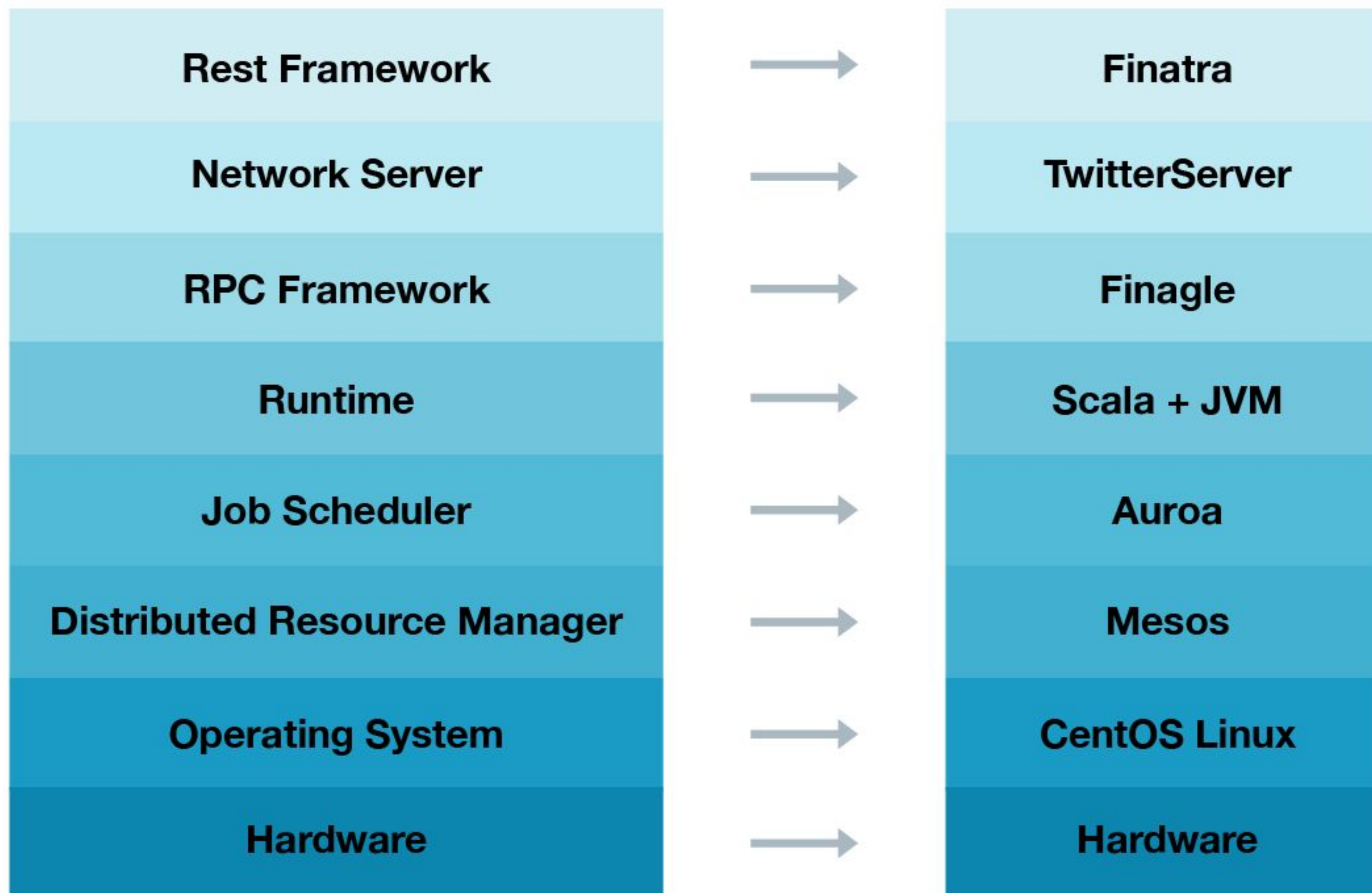# How much Open Source does Twitter *really* do?

Lots and lots...

… microservices, build systems, developer tooling, QA, machine learning, design systems, even our twemoji(!) are built on, with, or released open source.
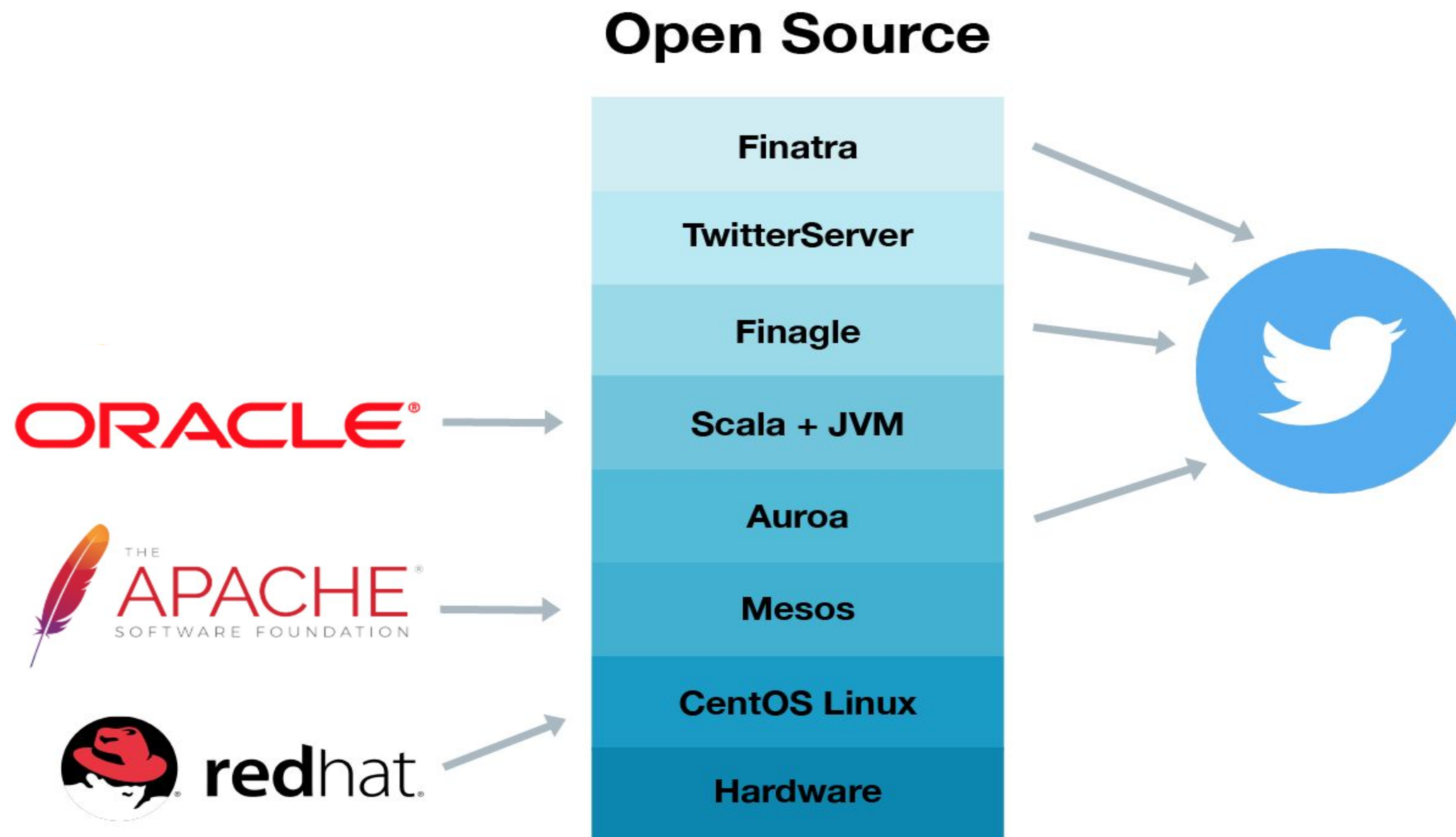
For example, the Twitter Service Stack

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

Contributors upstream and downstream

JPMorgan Chase & Co.

ebay

OOYALA

GitHub

lyft

Square

Etsy

stripe

airbnb

GROUPON

Linked in

tumblr.

Alibaba Group
阿里巴巴集团

...and many others

Project info at Opensource.twitter.com

… an #OSSTerns Production ;)

Academic Engagement Models?

Academic Engagement Models?

Many exist, for this talk we'll focus on:

    1. Capstone Projects
    2. Internships/Co-ops

Case #0:
Open Source Onboarding Programs

Google Summer of Code
https://summerofcode.withgoogle.com/

Outreachy
https://www.outreachy.org/

Case #1:
Capstone Projects

Case #2: Internships/Co-ops

Apply
http://t.co/apply

Follow
@TwitterU
@Terns

Thank You Mentors/Advisors

Grimoire/Bitergia

Luis Cañas
Daniel Izquierdo
Alvaro del Castillo
Jesús M. Glez.-Barahona
Alicia Nieto
J. Manrique López
Santiago Dueñas
David Pose
Quan Zhou
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David Moreno
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Miguel Ángel Fernandez
Valerio Cosentino
Ahmed Zerouali
Ana Jiménez
Marcos Montes
Dawn Foster
Stefano Zacchiroli
Álvaro López Ortega
Roberto Galoppini
Jorge Ferrer
Juan Antonio Esteban

AugurLabs, University of Missouri-Columbia

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Sean Goggins
Christian C-Warn
Carter Landis
Gabe Heim
James Bain
Jonah Zukowsky

Bridge Lab, University of Nebraska-Omaha

Matt Germonprez
Georg Link
Kevin Lumbard
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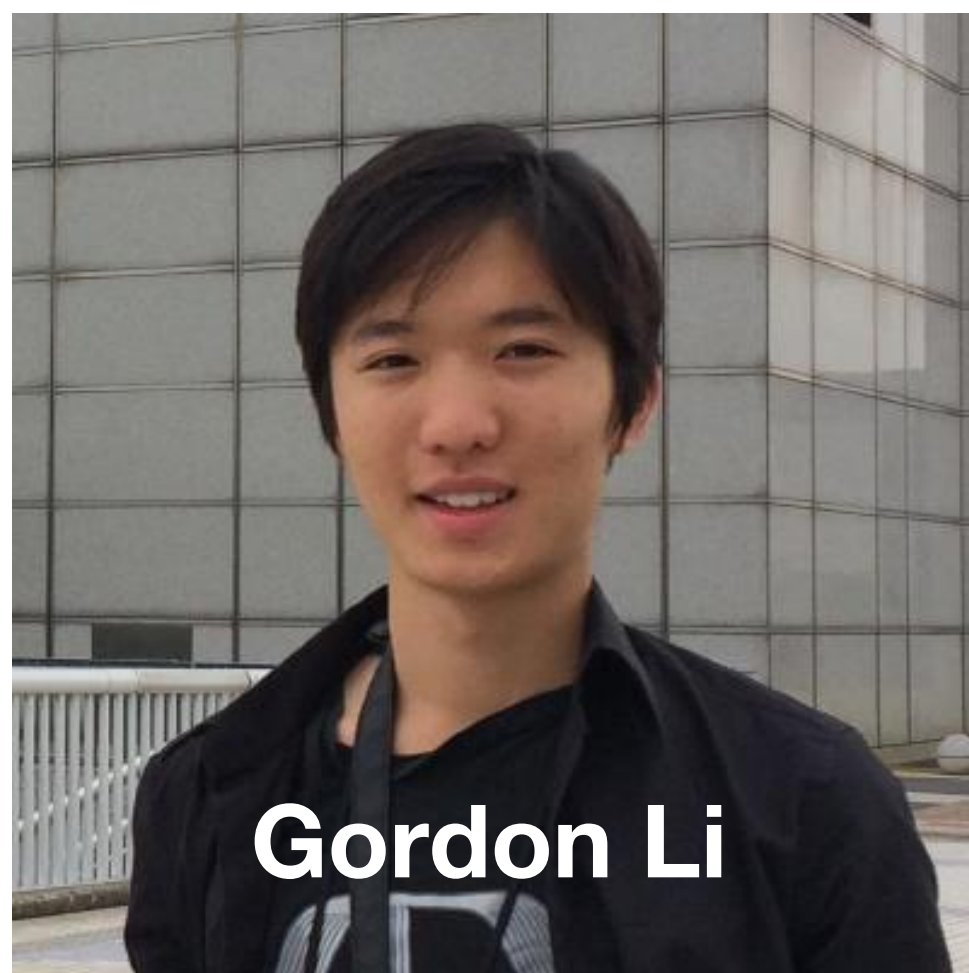Jeffrey Johson
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Tweeps

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Taylor Leese
Raki Wane
Ity Kaul
Richard Just
Paul Armstrong
Ron Devera
Troy Howard
Greg Poulos

Open Source Summit NA 2017

CHAOSSCon Europe 2018

CHAOSSCon Vancouver 2018

Thank You All Things Open

Gordon Li

@jennifrxx | @MarissaJasso2 | @orkohunter | @alanbato

@darianne_lopez

Special Shout-out to the #OSSTerns of 2018

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