

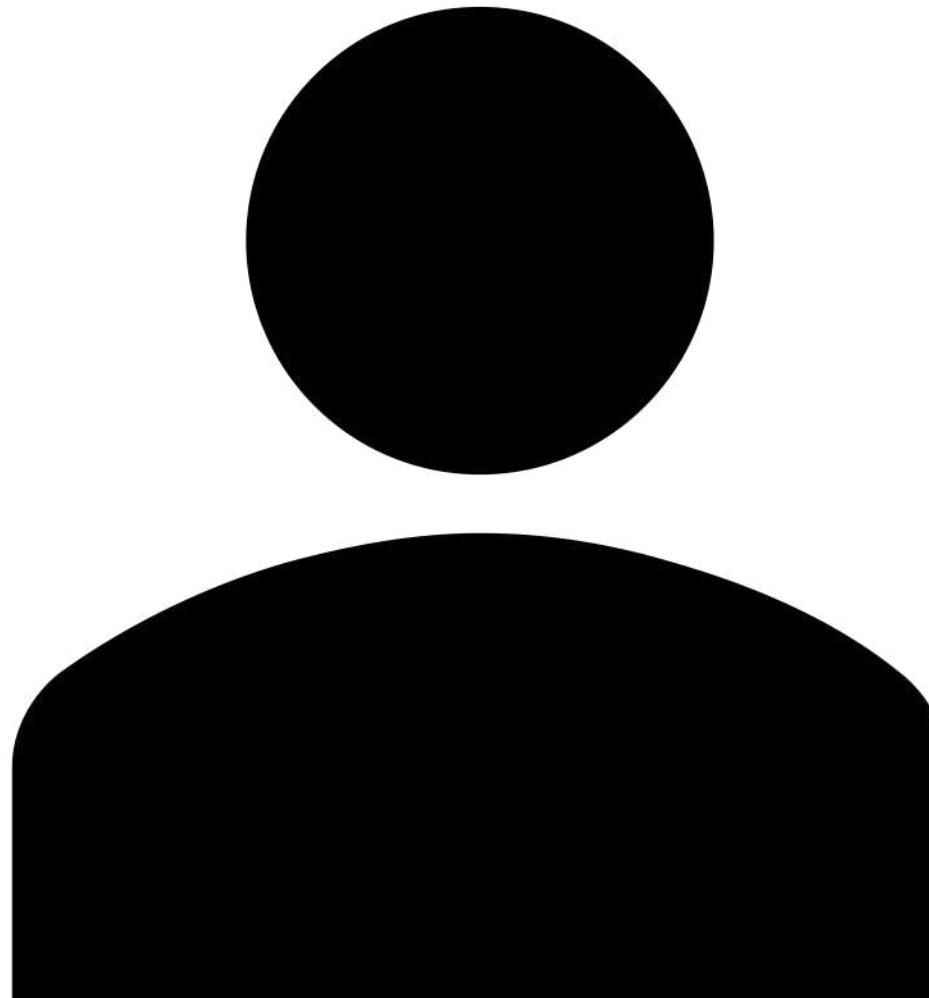
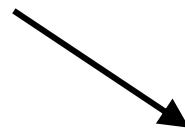
OLD MAN YELLS AT DEVOPS



INFLUENCING DEVOPS WITHOUT AUTHORITY

How "DevOps engineer" can
advance real DevOps

This is Alex





western textile

Alex Jones

System Administrator

(555) 243-6233

alex@westerntextile.com

ALEX HAD A
PROBLEM



What is DevOps?

Breaking Silos in the Software Engineering Workplace



Yevgeniy Zhitomirskiy

[Follow](#)

Mar 21, 2019 · 4 min read



(source)

Systems Administrator Salaries

25,439 Salaries Updated Feb 26, 2020

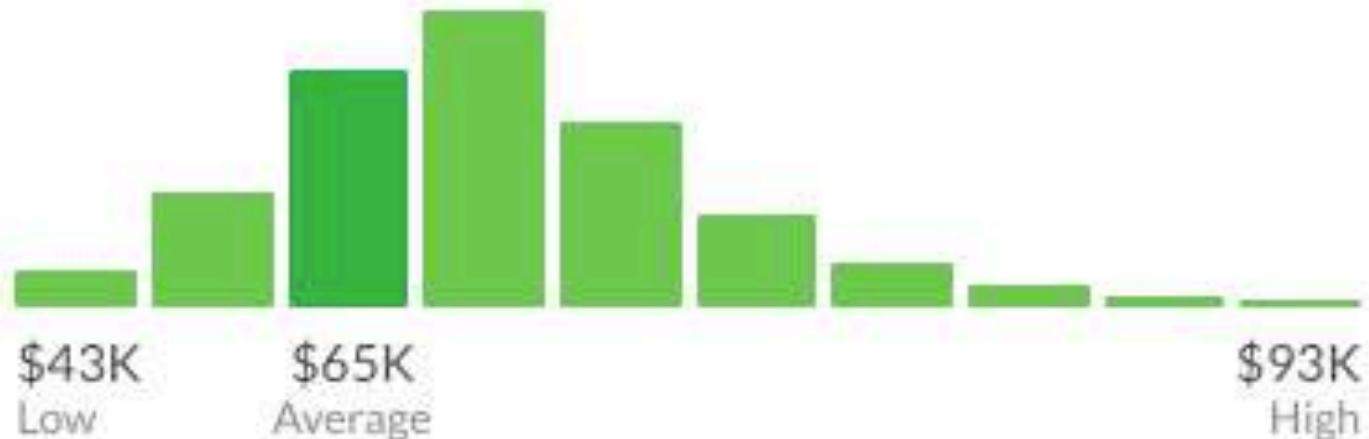
Industries

Company Sizes

Years of Experience

Average Base Pay

\$64,892 /yr



Additional Cash Compensation (?)

Average \$3,807

Range \$932 - \$12,002

How much does a Systems Administrator make?

The national average salary for a Systems Administrator is \$64,892 in United States. Filter by location to... [More](#)

Devops Engineer Salaries

2,130 Salaries Updated Feb 26, 2020

Industries

Company Sizes

Years of Experience

Average Base Pay

\$99,604 /yr



Additional Cash Compensation ?

Average \$8,714

Range \$2,236 - \$17,548

How much does a Devops Engineer make?

The national average salary for a Devops Engineer is \$99,604 in United States. Filter by location to see... [More](#)



STRONG FABRIC CO.

ALEX JONES

DEVOPS ENGINEER

(555) 645-3467

ALEX@STRONGFABRIC.CO

**INSTALL JENKINS ON A DESKTOP COMPUTER
(UNDER THEIR DESK)**

IMPLEMENT DEVOPS IN THEIR DEVOPS DEPARTMENT

ALEX STILL HAS
A PROBLEM



DevOps is a set of practices that combines **software development (Dev)** and **information-technology operations (Ops)** which aims to shorten the **systems development life cycle** and provide **continuous delivery** with high **software quality**.^{[1][2]}

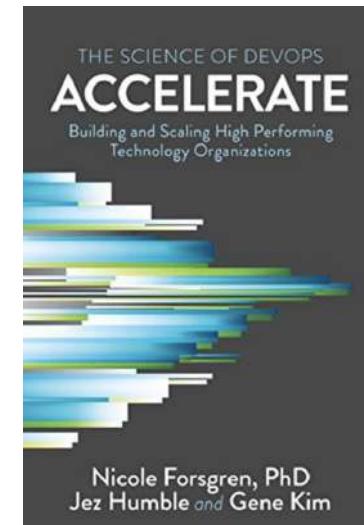
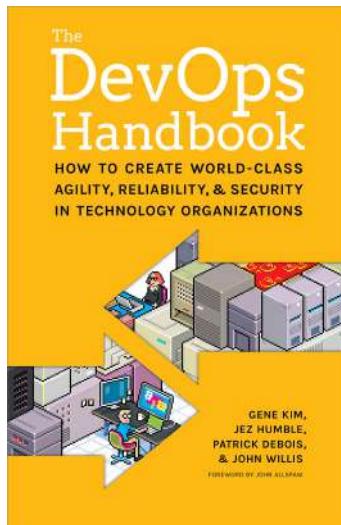
From the authors of *The Visible Ops Handbook*



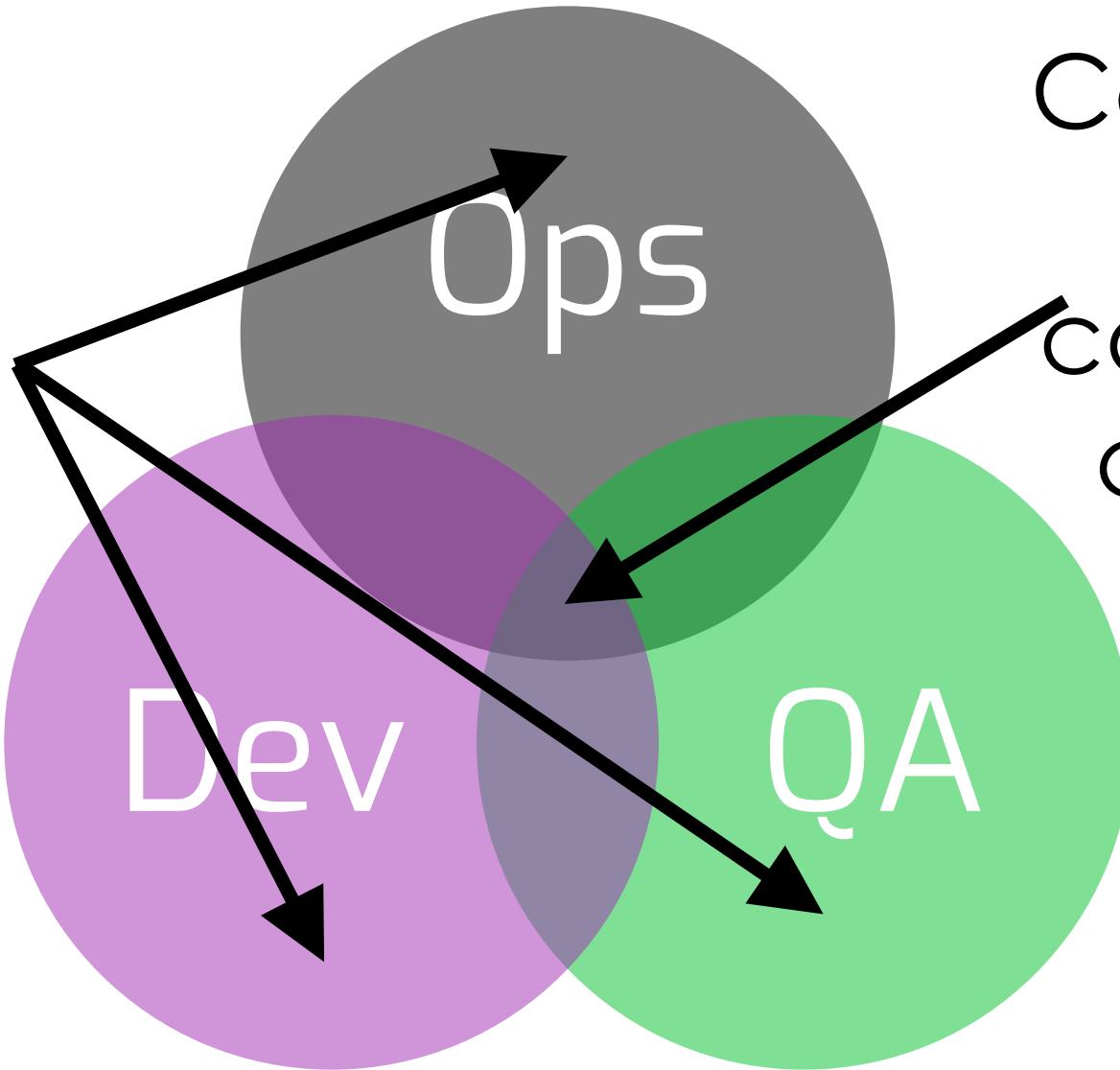
The Phoenix Project

A Novel About IT, DevOps, and Helping Your Business Win

Gene Kim, Kevin Behr, and George Spafford



Deep
specialization



Common
goals,
common
culture

ACCELERATE

State of DevOps 2019

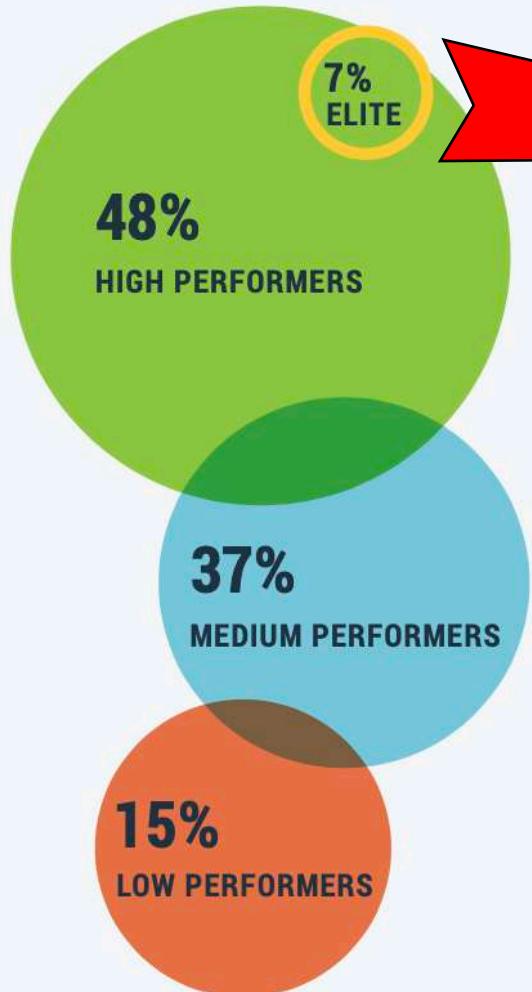


Aspect of Software Delivery Performance*	Elite	High	Medium	Low
Deployment frequency For the primary application or service you work on, how often does your organization deploy code to production or release it to end users?	On-demand (multiple deploys per day)	Between once per day and once per week	Between once per week and once per month	Between once per month and once every six months
Lead time for changes For the primary application or service you work on, what is your lead time for changes (i.e., how long does it take to go from code committed to code successfully running in production)?	Less than one day	Between one day and one week	Between one week and one month	Between one month and six months
Time to restore service For the primary application or service you work on, how long does it generally take to restore service when a service incident or a defect that impacts users occurs (e.g., unplanned outage or service impairment)?	Less than one hour	Less than one day ^a	Less than one day ^a	Between one week and one month
Change failure rate For the primary application or service you work on, what percentage of changes to production or released to users result in degraded service (e.g., lead to service impairment or service outage) and subsequently require remediation (e.g., require a hotfix, rollback, fix forward, patch)?	0-15% ^{b,c}	0-15% ^{b,d}	0-15% ^{c,d}	46-60%

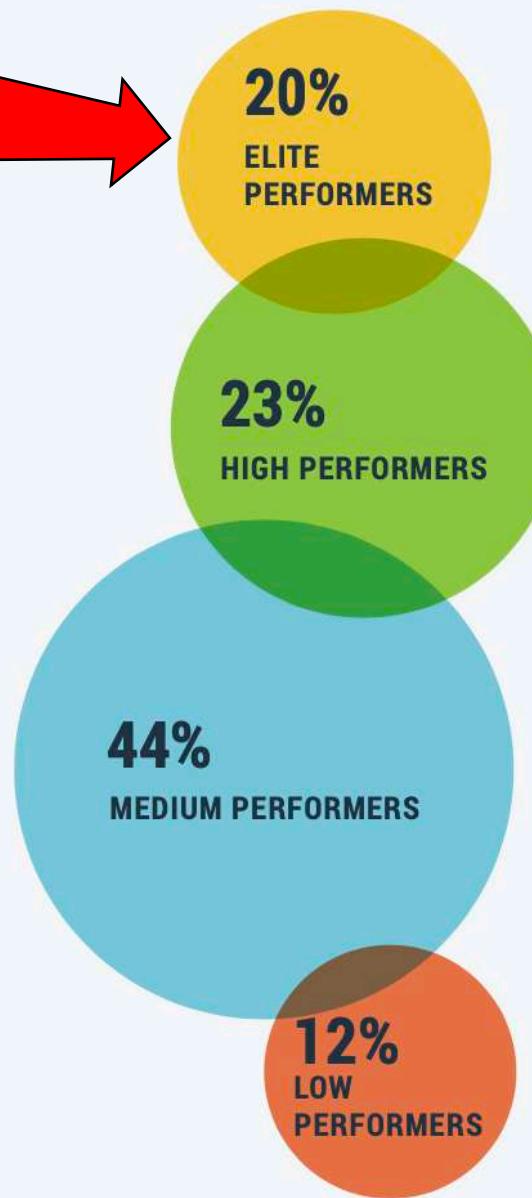
ACCELERATE

State of DevOps

2018



2019*

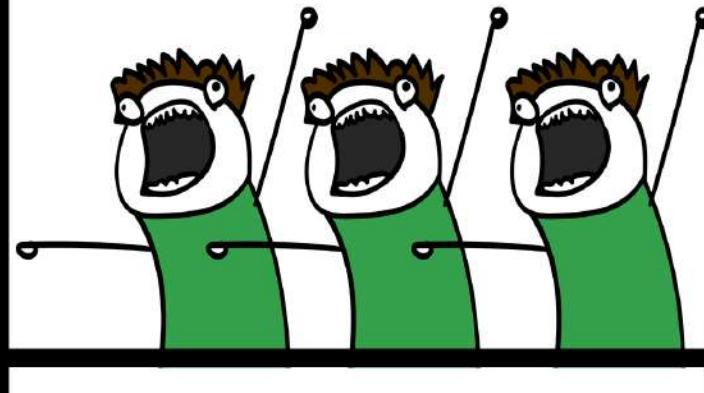




WHO ARE WE?



USERS!



WHAT DO WE WANT?



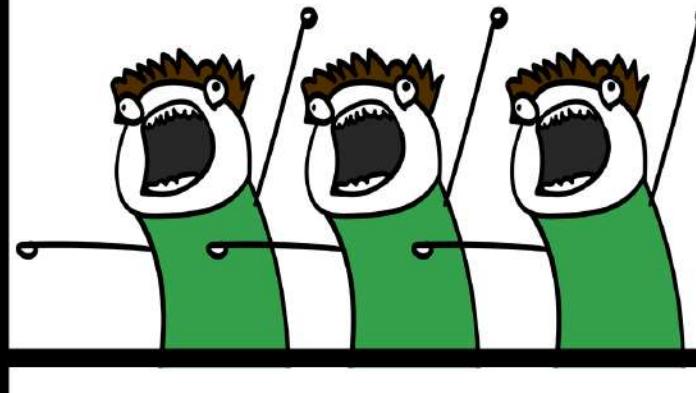
FEATURES!



WHAT DO WE WANT?



FEATURES!



WHEN DO WE WANT THEM?

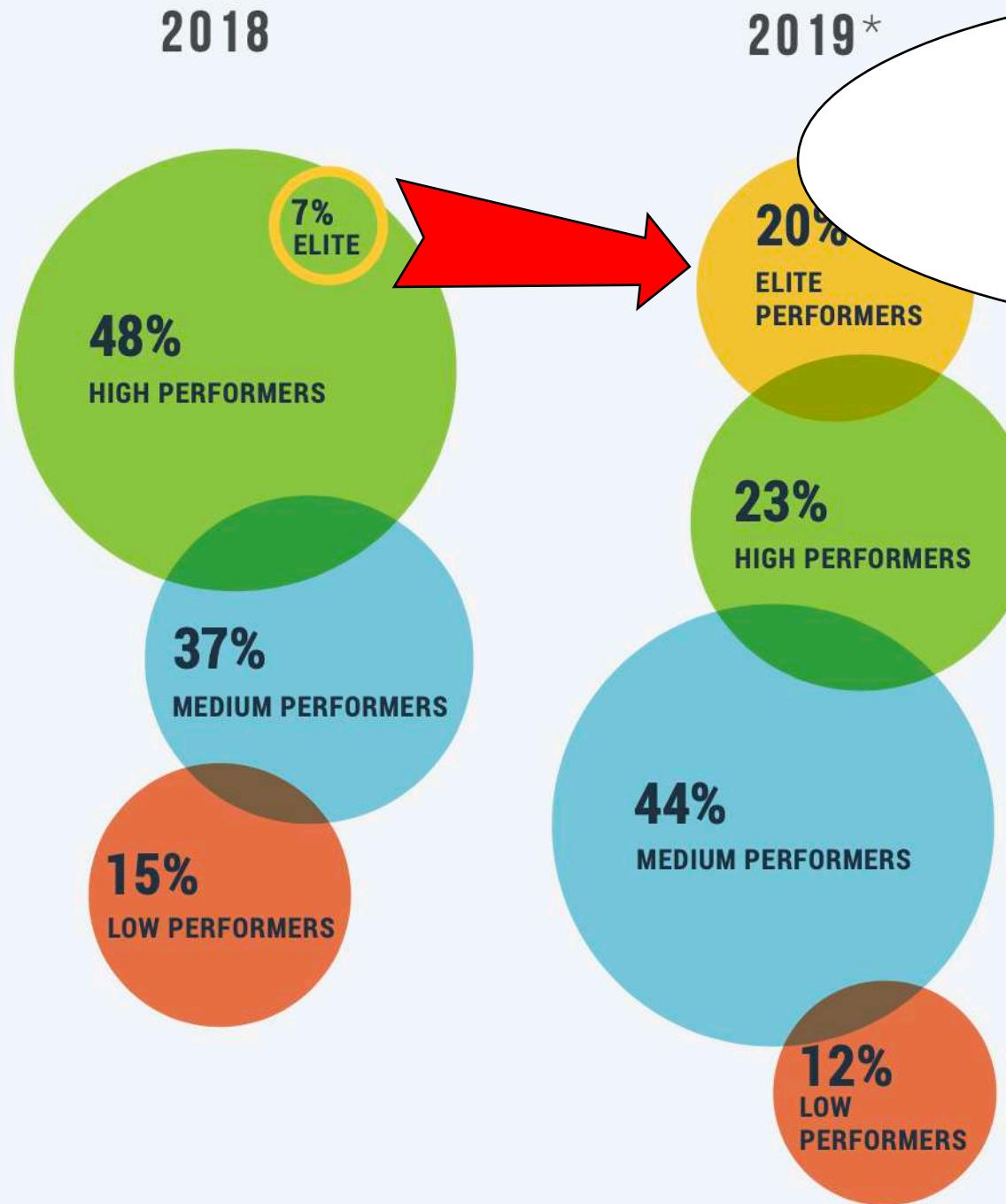


NOW!



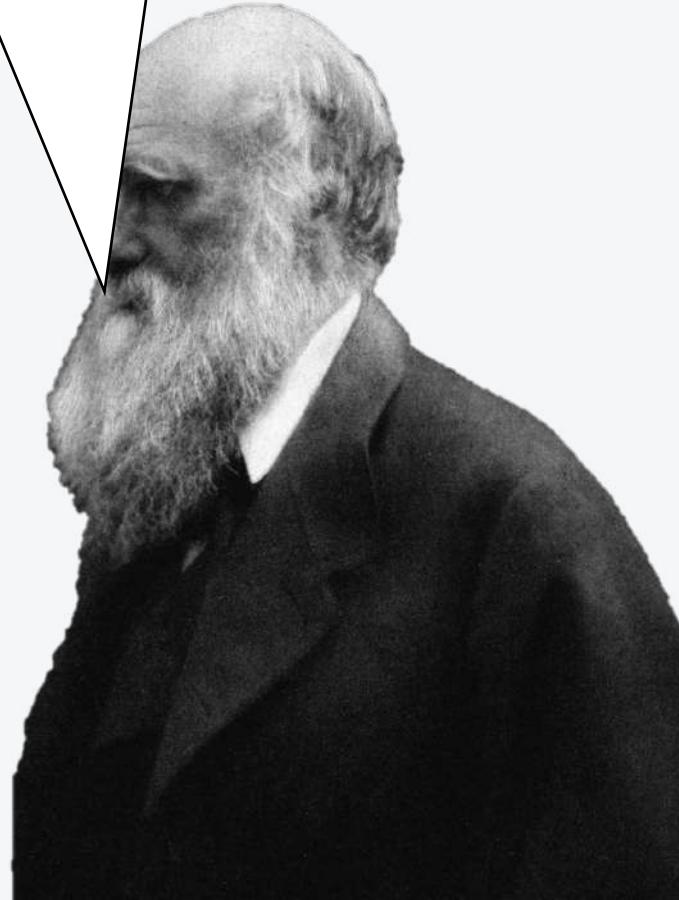
ACCELERATE

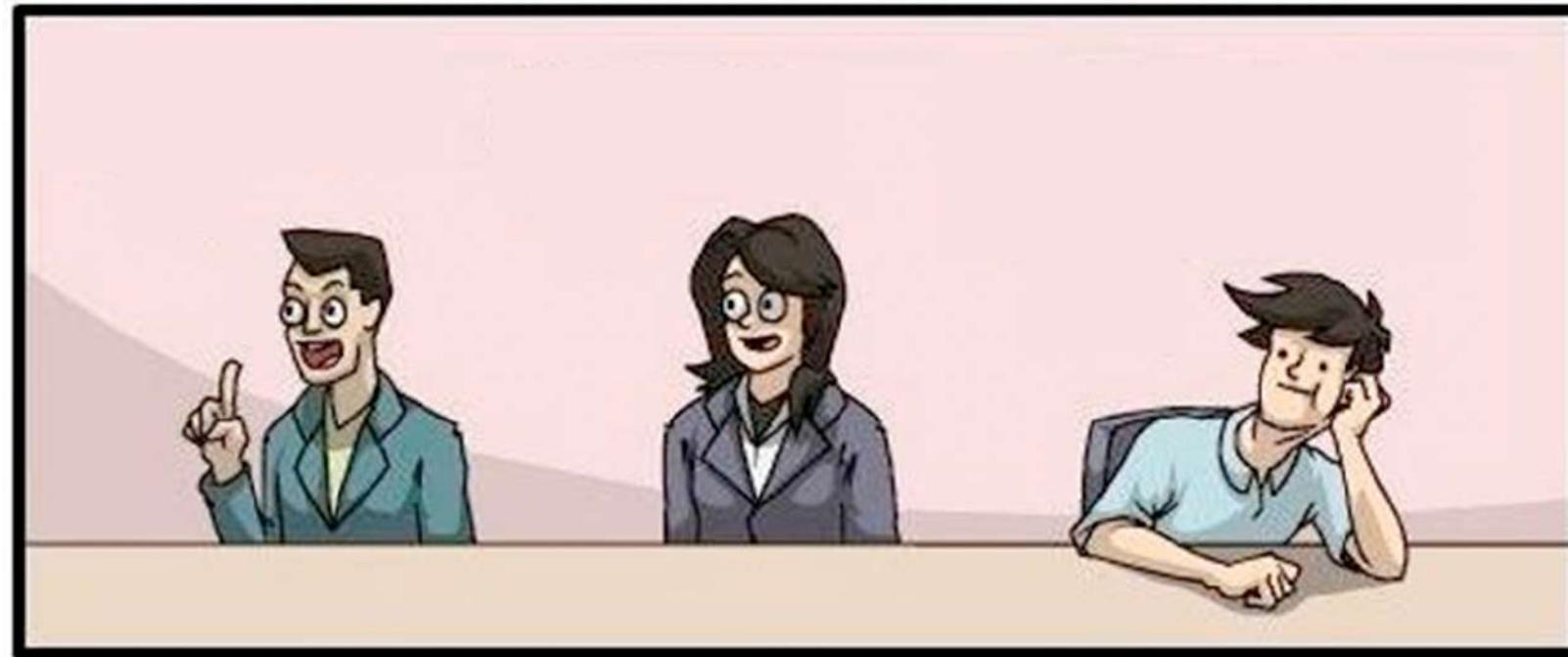
State of DevOps

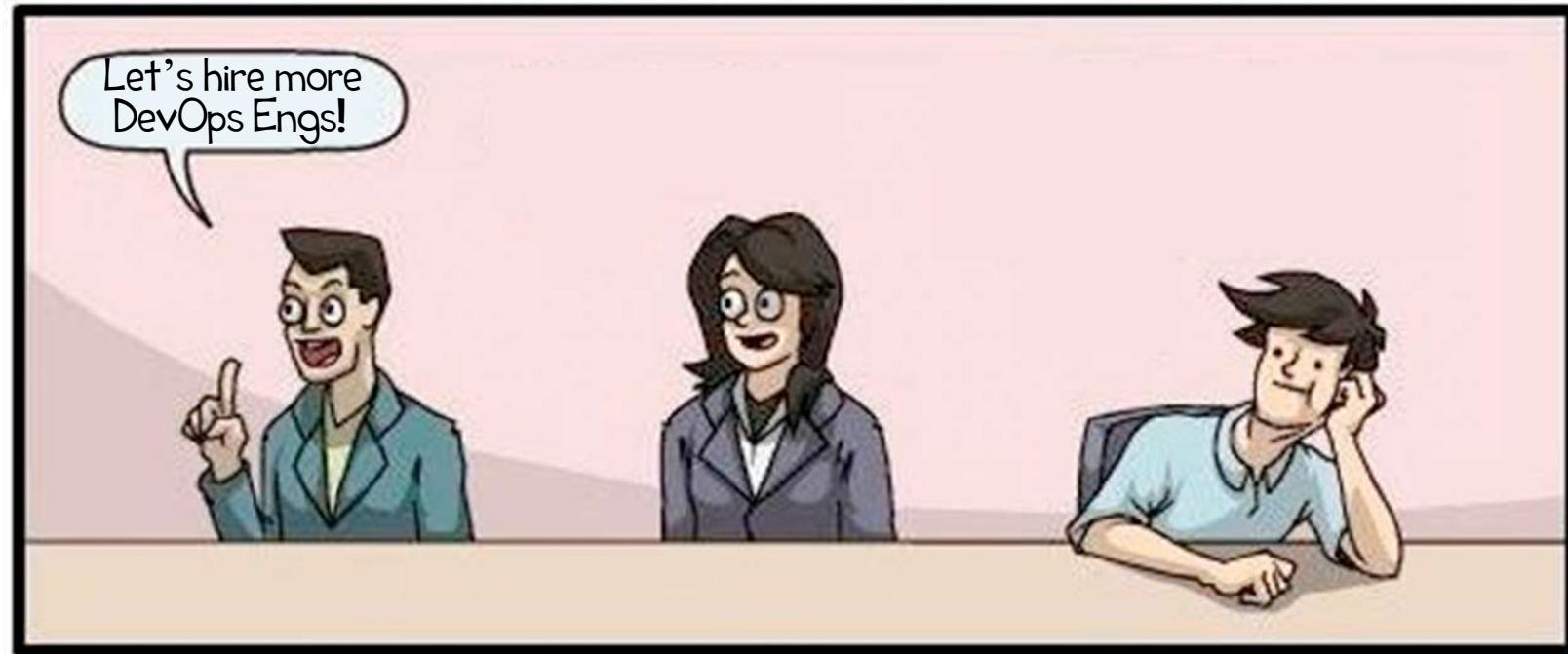


2019*

Evolutionary
Pressure!





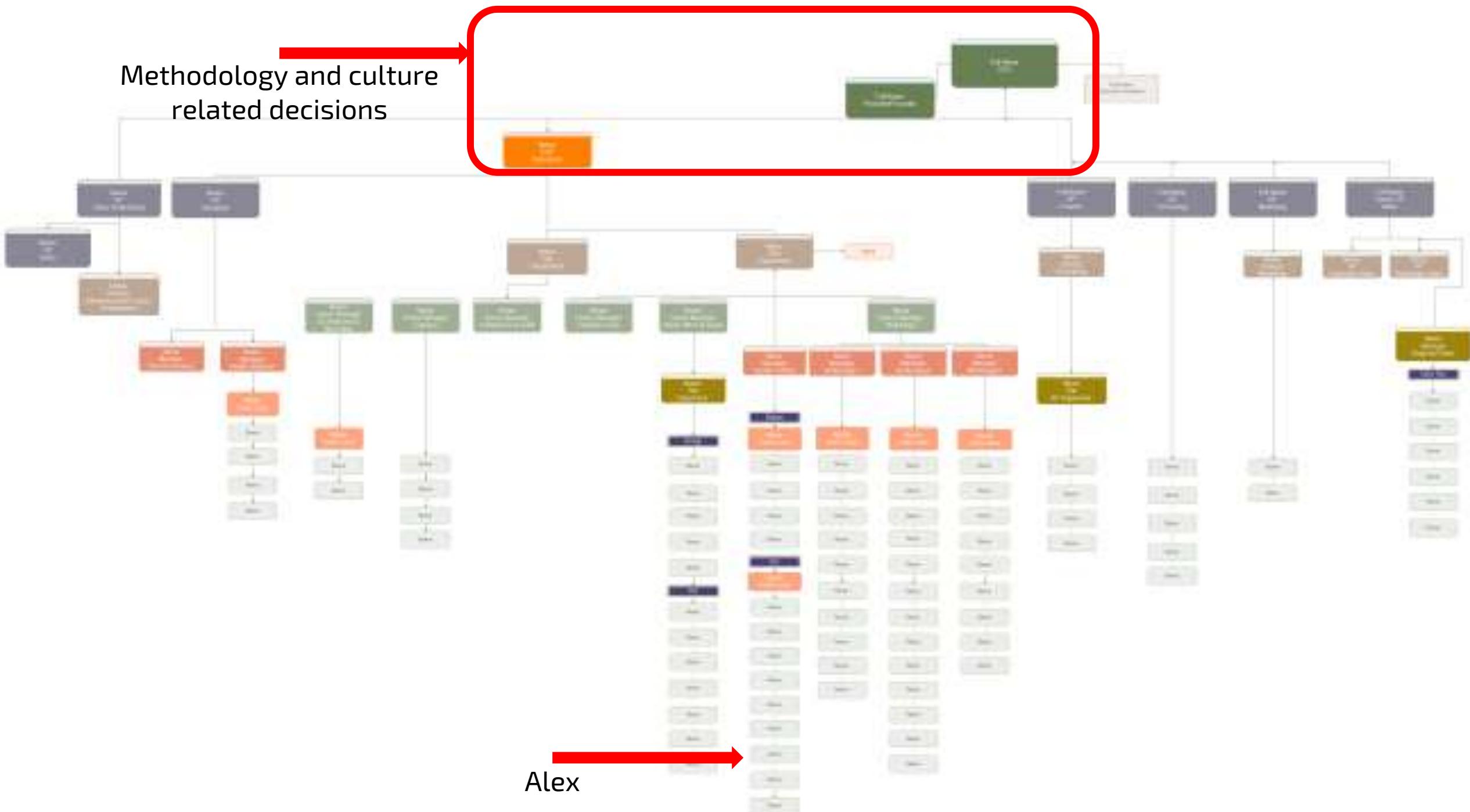








Methodology and culture
related decisions





Alex finds the way!

BARUCH SADOGURSKY

CHIEF STICKER OFFICER

(ALSO  OF DEVELOPER ADVOCACY)



JBARUCH@JFROG.COM



@JBARUCH



+1(408)890-9281





LEONID IGOLNIK

@ligolnik

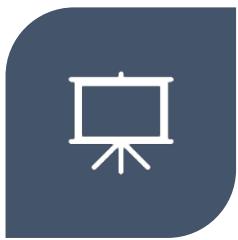
SaaS Engineering leader

SignalFX, CA Technologies, Taleo

Angel investor

Mentor

[HTTPS://JFROG.COM/SHOWNOTES](https://jfrog.com/shownotes)



SLIDES



VIDEO



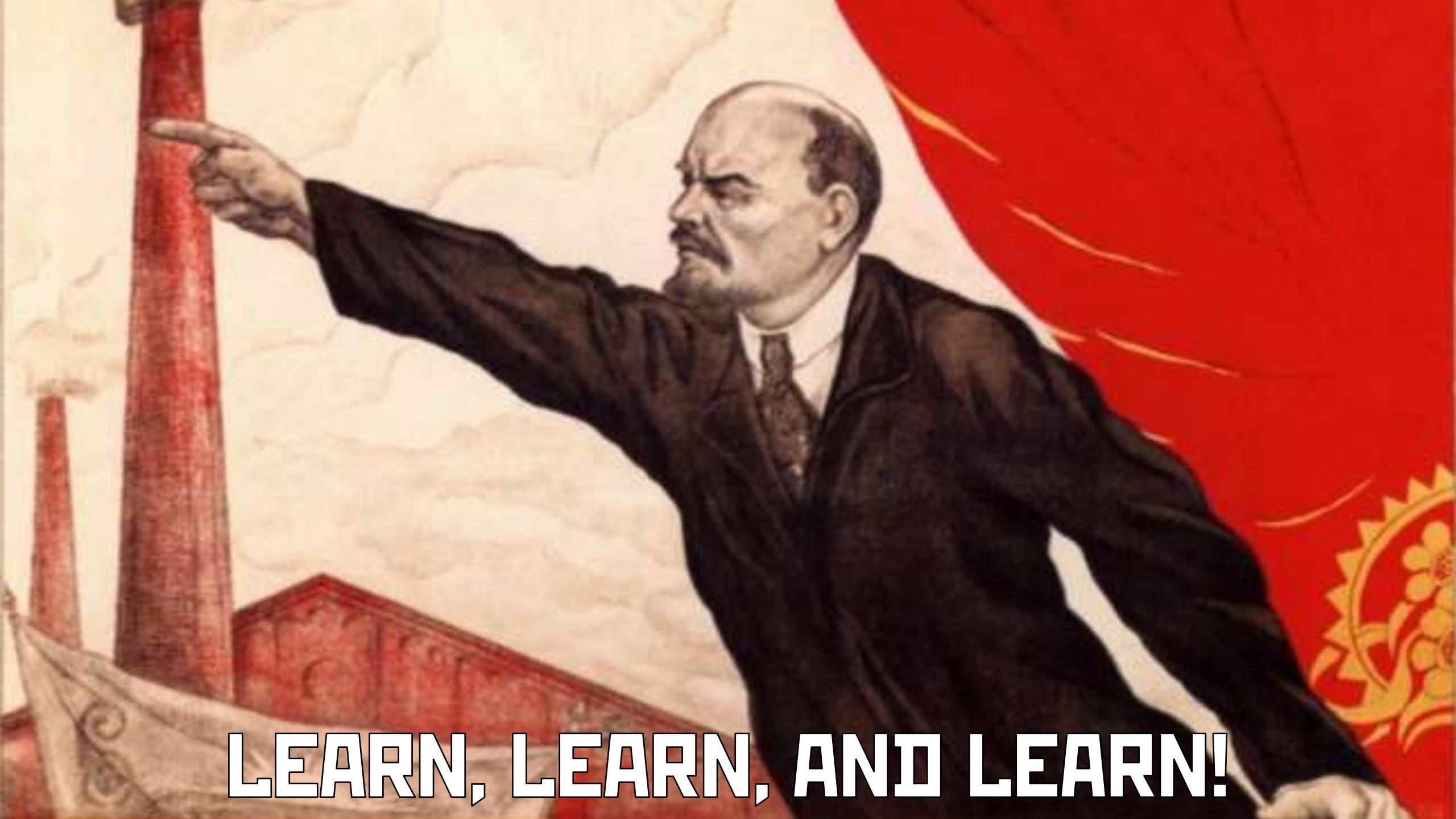
LINKS



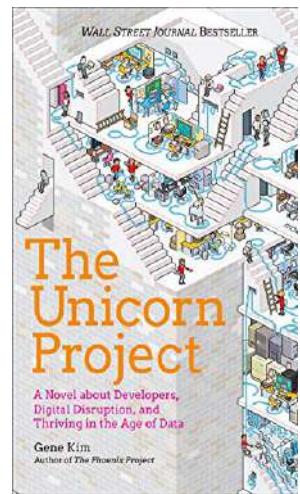
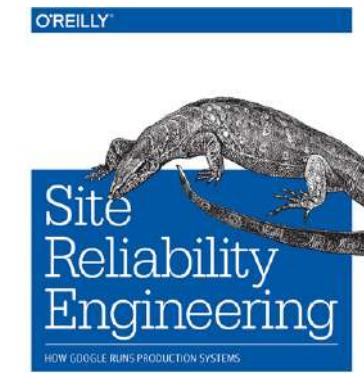
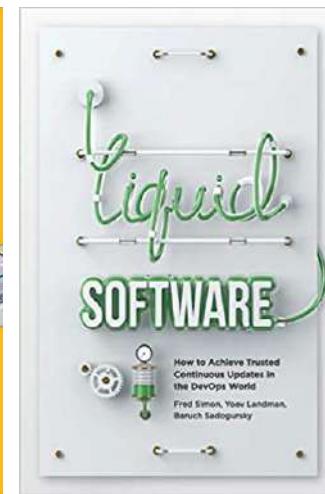
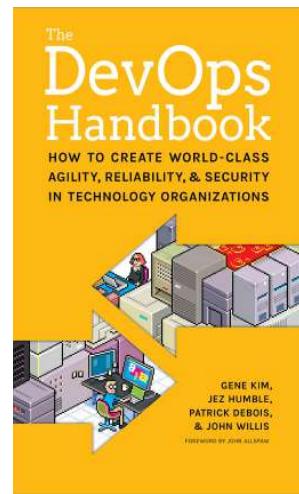
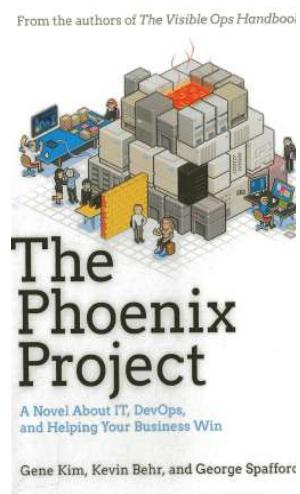
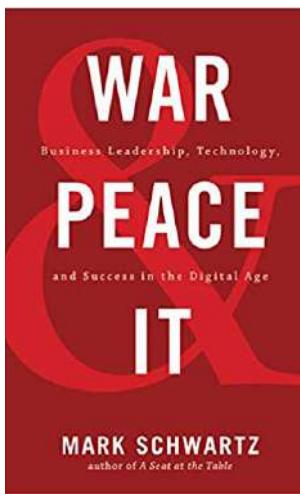
COMMENTS,
RATINGS



RAFFLE



LEARN, LEARN, AND LEARN!



Apple Podcasts Preview



DevOps Speakeasy Podcast

devopsspeakeasy

Technology

[Listen on Apple Podcasts ↗](#)



MAY 4, 2020 · video

DevOpsSpeakeasy Podcast S01E08: Sam Boyer on the sea of despair of ... ➤

In this episode, we embarked on a fascinating journey of despair and hope with Sam Boyer (@sdboyer), the author of the Go Dep experiment, and discussed all things dependency management - why it doesn't work, and what can be done to make it a little more transparent and easier to ...

[▶ PLAY](#) 1 hr 36 min

8 episodes

The podcast of the DevOps Speakeasy

APR 20, 2020 · video

[DevOpsSpeakeasy Podcast] S01E07: Chris Short on Openshift, Kuber... ➤

In this episode of the DevOps Speakeasy podcast, Kat and Baruch interviewed Chris Short, the author of the DevOps'ish newsletter and podcast and a CNCF Ambassador about OpenShift, Kubernetes Operators, how to pronounce kubectl and what's not! DevOp'ish Red Hat

[▶ PLAY](#) 1 hr 19 min

ThoughtWorks®

TECHNOLOGY RADAR VOL.21

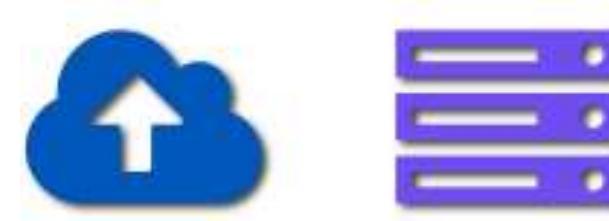
An opinionated guide to technology frontiers

[Search](#)

[About the Radar](#)

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Select an area to explore



DevOps'ish



YouTube

devopsdays

FILTER

DevOpsDays Austin 2019

BRI for Everyone: Making Tomorrow Better Than Today - 32:06

Draft of trust: the new attacks - 25:15

[VIEW FULL PLAYLIST](#)

DevOpsDays Seattle 2017: Continuous Delivery Sounds Great But It Won't Work Here by Jez Humble

Continuous delivery sounds great but it won't work here by Jez Humble since the Continuous Delivery book came out in 2010. 4...

[VIEW FULL PLAYLIST](#)

DevOpsDays Vancouver 2019

DevOpsDays VR 2019 Talk 1: Quiescence Are Resilient Monitoring Keeping the Noise... - 20:28

DevOpsDays VR 2019 Talk 2: Nisan Haranati Resilience Engineering - 31:29

[VIEW FULL PLAYLIST](#)

DevOps Days 2019

DevOps Days Toronto

Emily Freeman, Drafting Success - DevOps Days Toronto 2019 Day 1 Keynote - 26:21

Courtney Ehnstadt, How to Have an Operational Incident - DevOps Days Toronto 2019 Day 1 Sat... - 20:25

[VIEW FULL PLAYLIST](#)

DevOpsDays Seattle 2019

DevOpsDays Seattle

DevOpsDays Seattle 2019: Thriving Through Transitions by Jeffrey Stoever - 42:15

DevOpsDays Seattle 2019: Expand Contact Pattern for Continuous Delivery of Databases by L... - 19:10

[VIEW FULL PLAYLIST](#)

DevOpsDays NYC 2020

DevOpsDays NYC 2020

devopsdaysNYC 2020 - Day 1 - Welcome - 11:23

devopsdaysNYC 2020 - Day 1 - Juana B. Diaz - Are you ready for production? - 20:19

[VIEW FULL PLAYLIST](#)

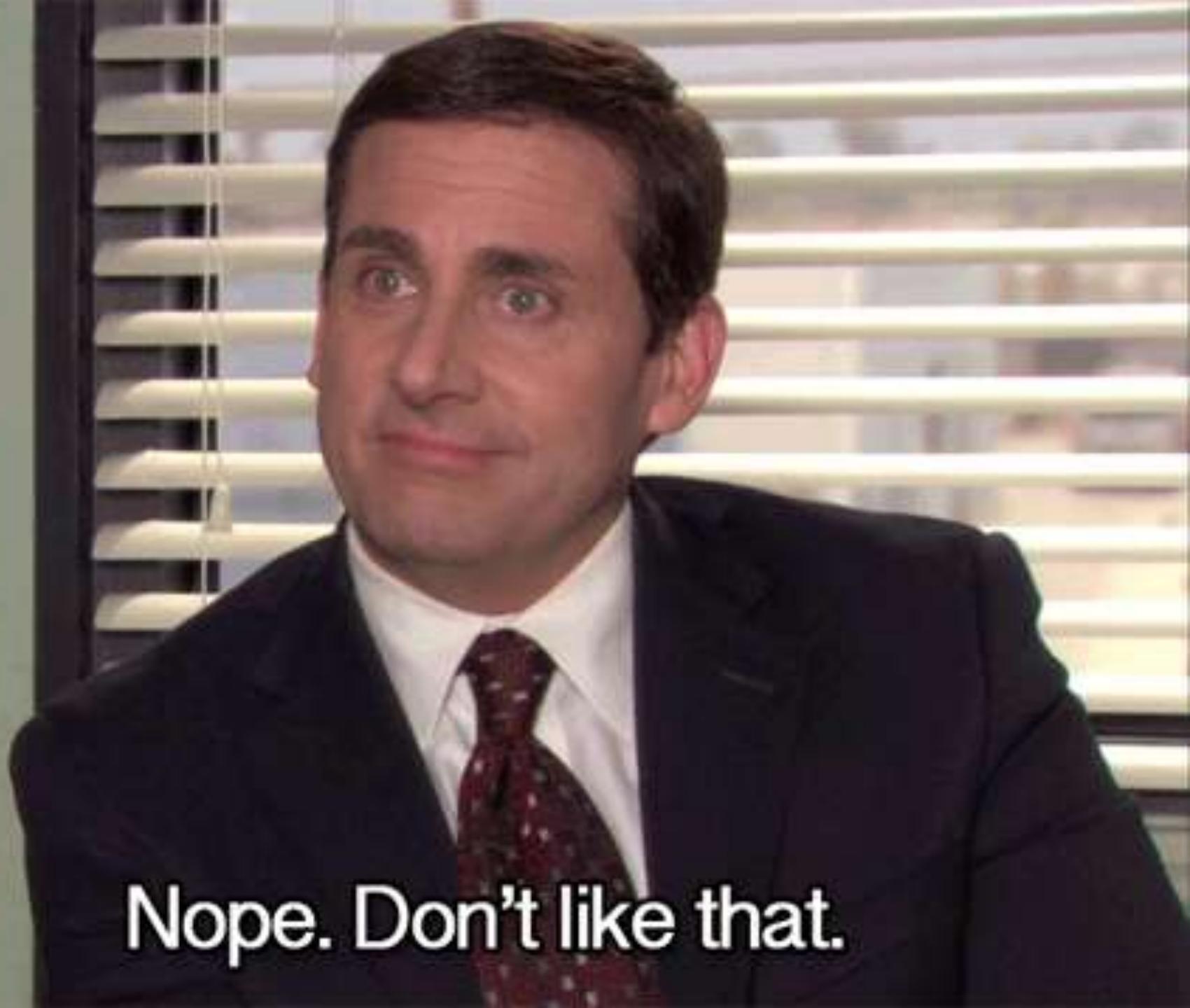


@jbaruch

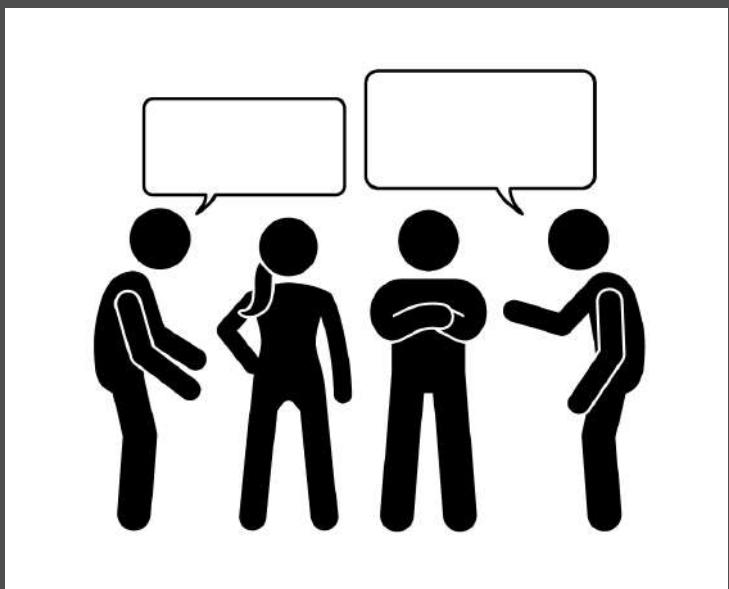
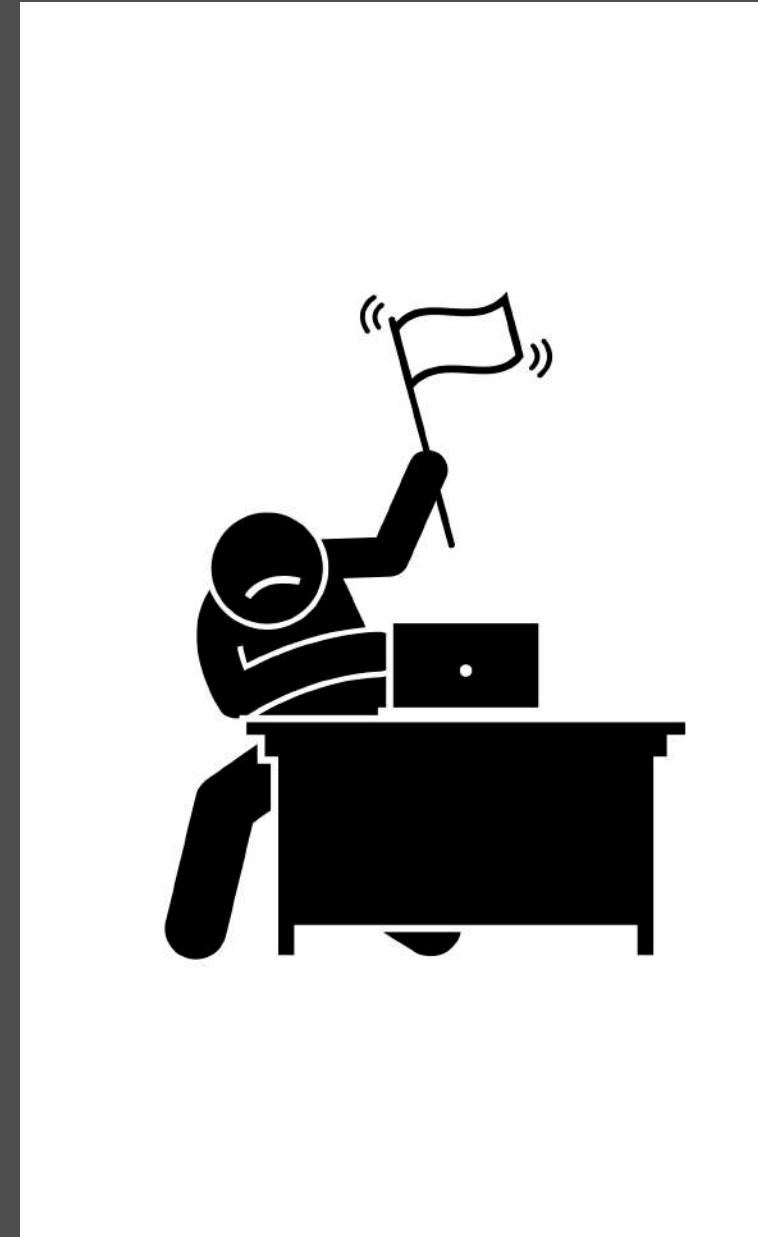
@ligolnik

#CNCF

<https://jfrog.com/shownotes>



Nope. Don't like that.



@jbaruch

@ligolnik

#CNCF

<https://jfrog.com/shownotes>

*"never give in, never give in, never, never, never,
never-in nothing, great or small, large or petty
never give in except to convictions of honour
and good sense. Never yield to force; never
yield to the apparently overwhelming
might of the enemy"*



Winston Churchill



With New Chapters on Gender and Distance

ALLAN R. COHEN | DAVID L. BRADFORD

FOREWORD BY AARON LEVIE, CEO, AND DAN LEVIN, CO-FOUNDER, BOX INC.

INFLUENCE *WITHOUT* AUTHORITY

THIRD EDITION OF THE MANAGEMENT CLASSIC

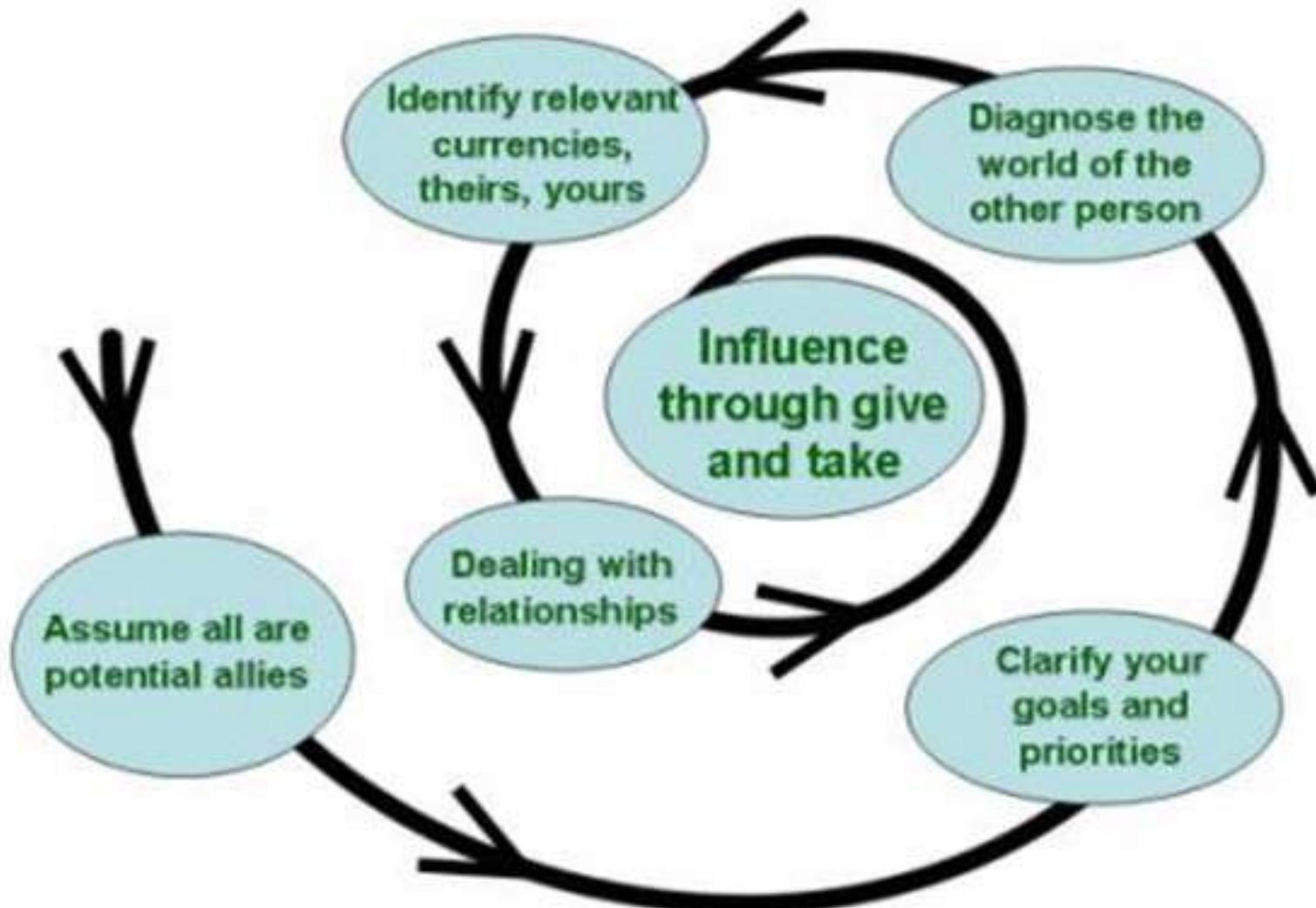
GET WORK DONE IN TODAY'S ORGANIZATIONS

INFLUENCE YOUR BOSS, PEERS, CLIENTS,
AND STAKEHOLDERS EVERYWHERE

BUILD RELATIONSHIPS AND CREATE ALLIES

WILEY

The Cohen-Bradford IWA Model



The Cohen-Bradford IWA Model





LET'S ALL BE FRIENDS!









sport

nce.tv
sport

The passionate, functional, micro-serviced approach



Expert

Resumé Driven Development

NEW YORK TIMES BESTSELLER

"Provocative and fascinating." —MALCOLM GLADWELL

Daniel H. Pink

author of *A Whole New Mind*



The Surprising Truth
About What Motivates Us

3 FACTORS LEAD TO BETTER
PERFORMANCE & PERSONAL
SATISFACTION...

AUTONOMY
MASTERY
PURPOSE



NEW YORK TIMES BESTSELLER

REVISED AND
EXPANDED EDITION



PREDICTABLY IRRATIONAL

"Sly and lucid. . . . Revolutionary." — *New York Times Book Review*

*The Hidden Forces That
Shape Our Decisions*

DAN ARIELY

AUTHOR OF *THE UPSIDE OF IRRATIONALITY*



SWAY

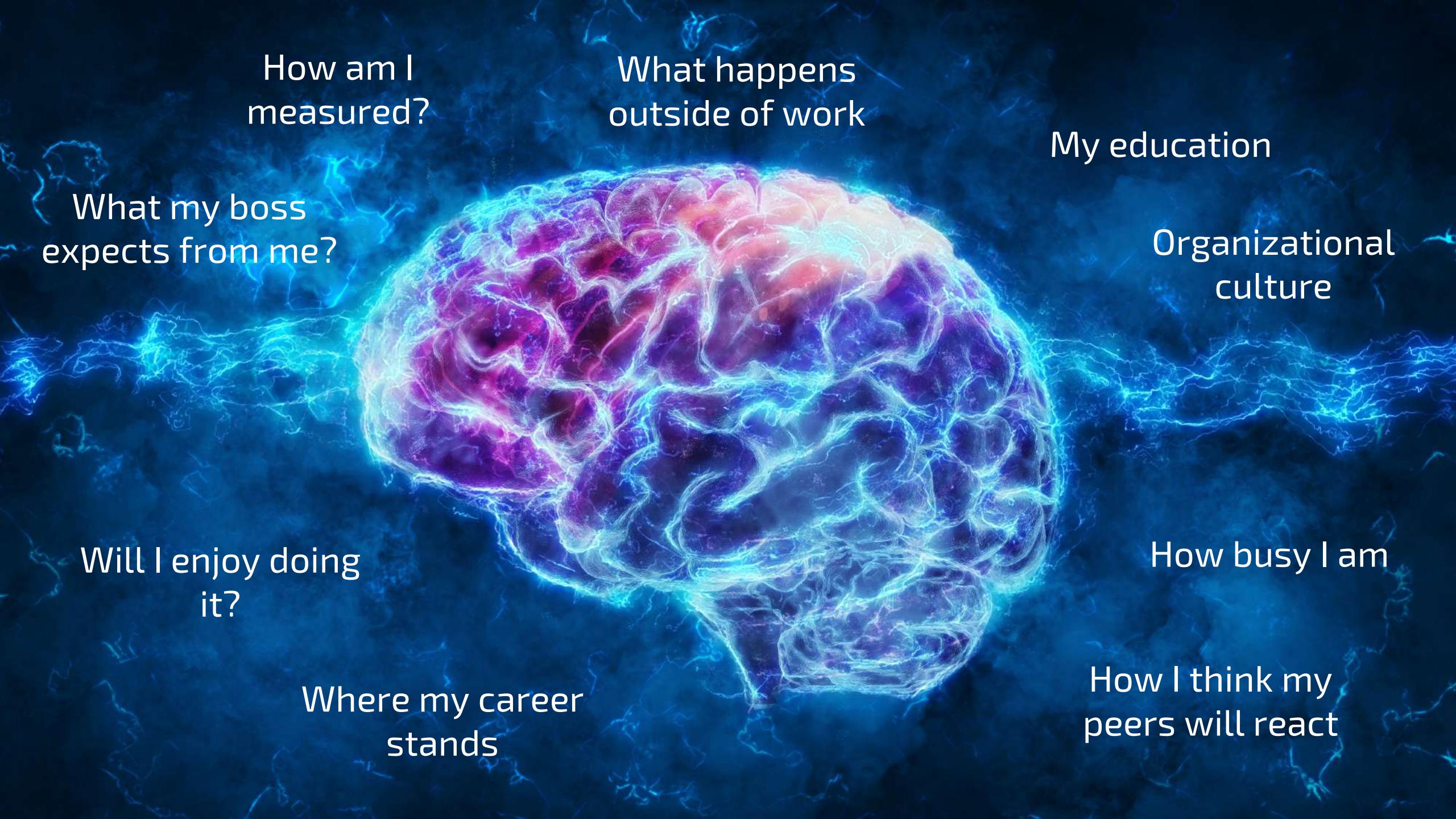
THE IRRESISTIBLE
PULL OF IRRATIONAL
BEHAVIOR

ORI BRAFMAN AND
ROM BRAFMAN



CIO
Your Legacy
Awaits





How am I
measured?

What my boss
expects from me?

What happens
outside of work

Will I enjoy doing
it?

My education

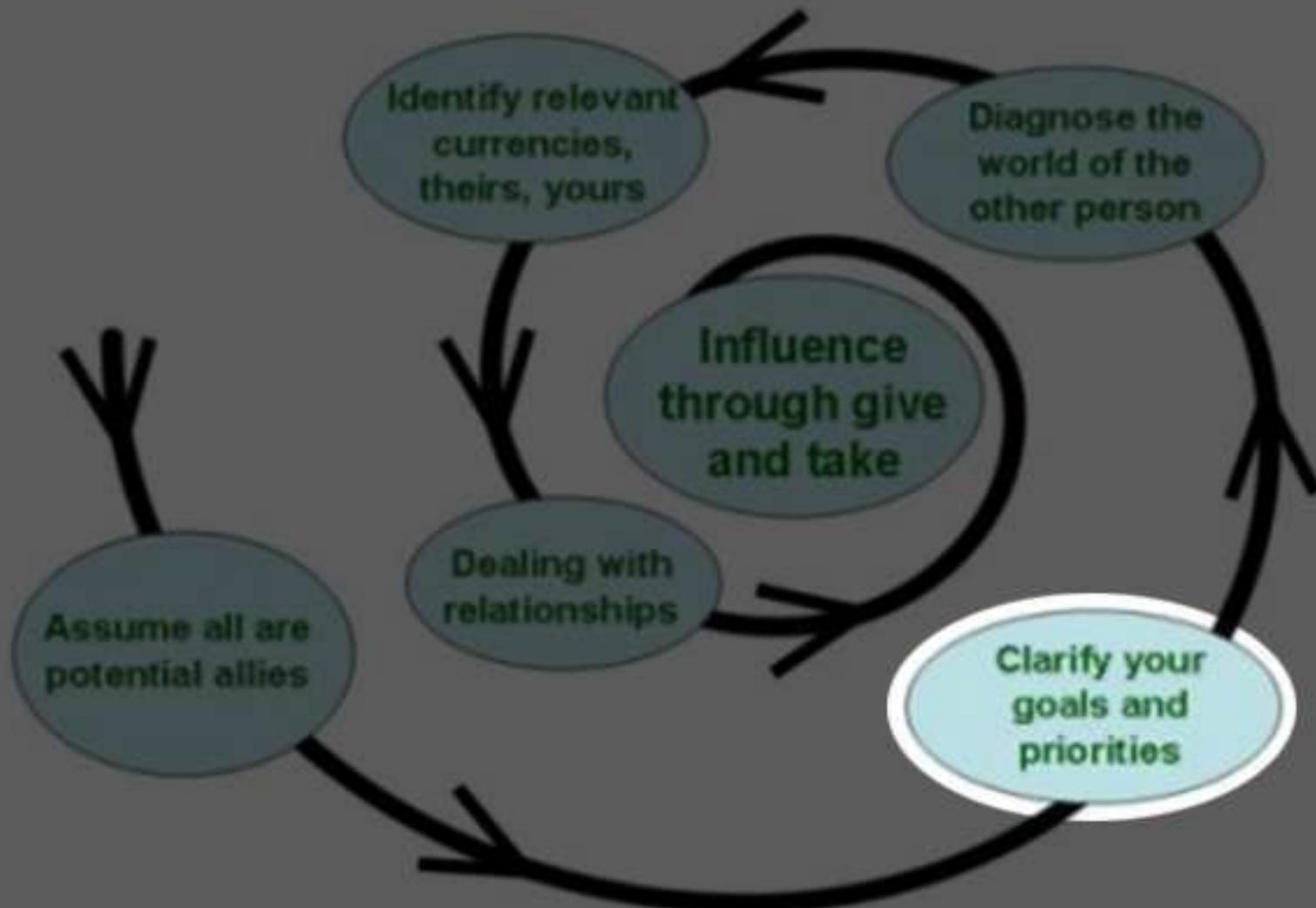
Organizational
culture

How busy I am

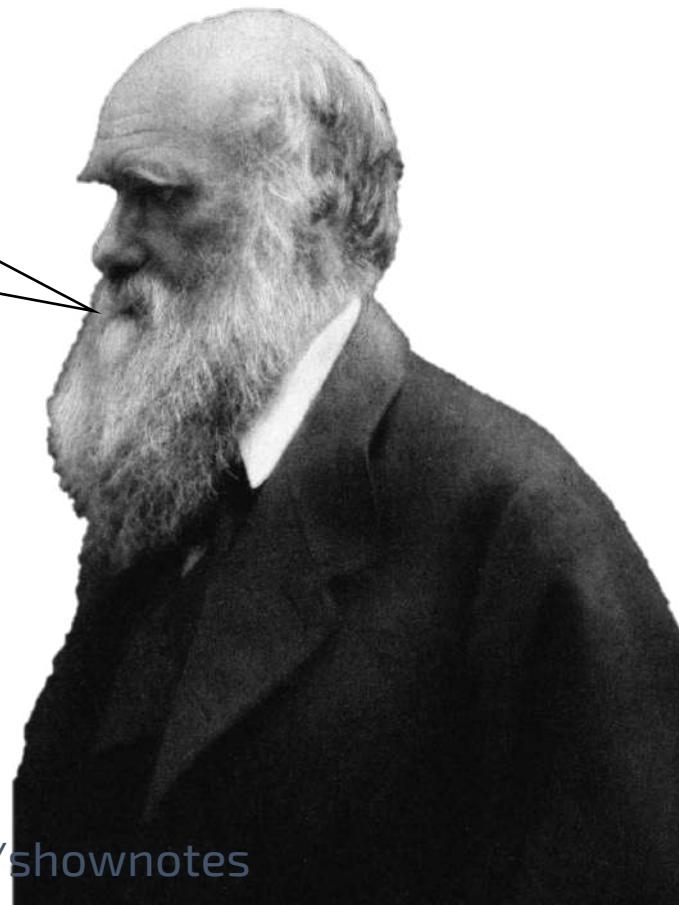
Where my career
stands

How I think my
peers will react

The Cohen-Bradford IWA Model



Evolutionary Pressure!





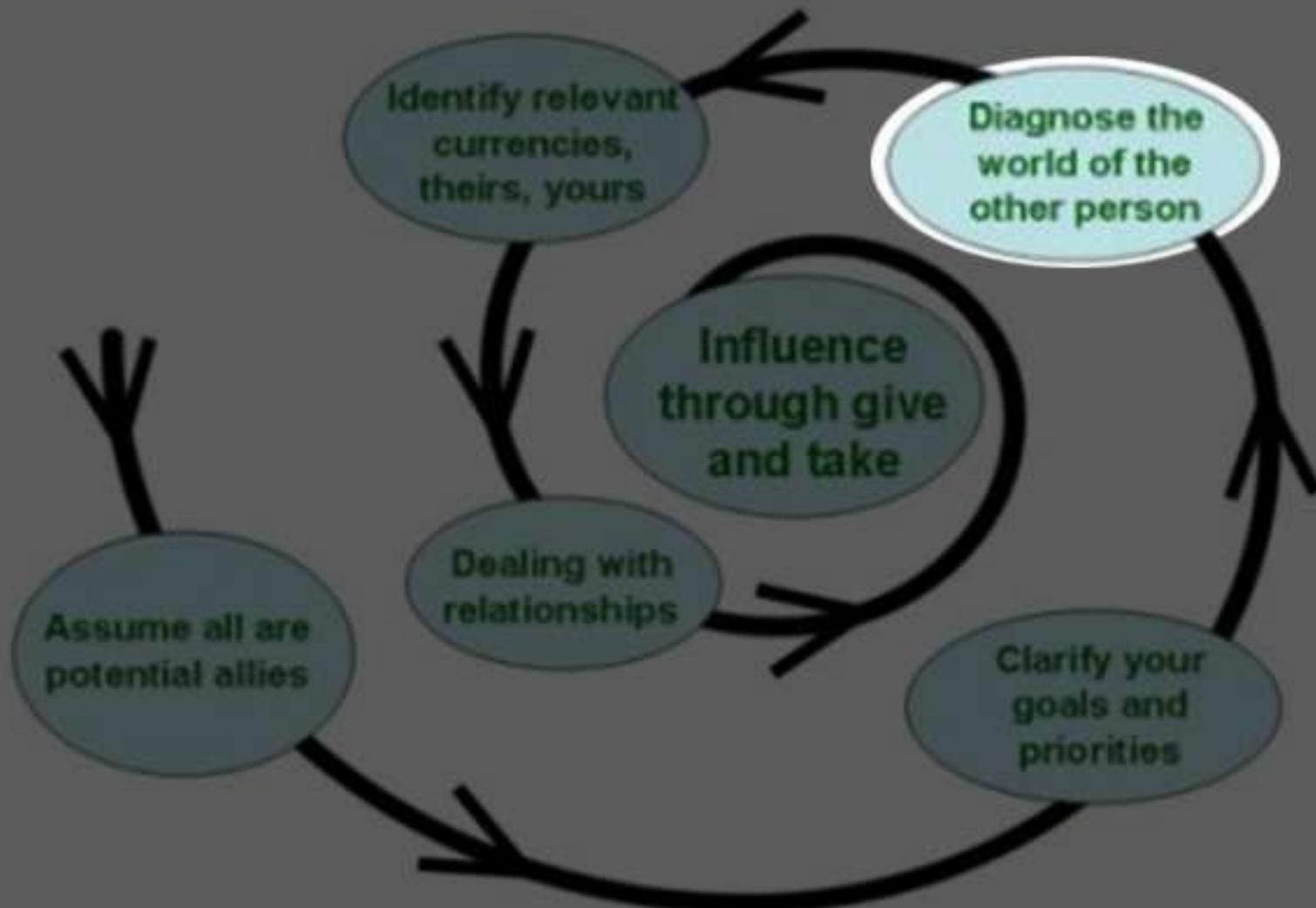
The passionate, functional, micro-serviced approach



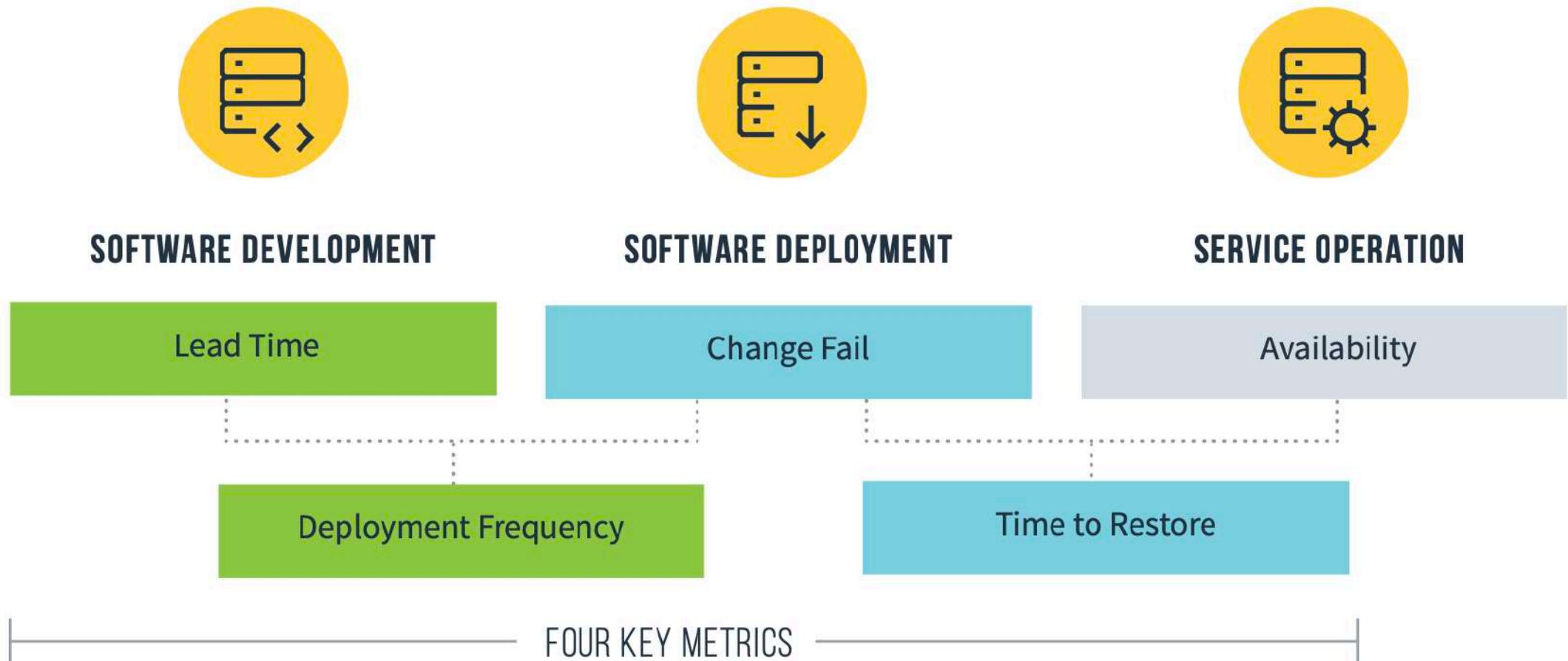
Expert

Resumé Driven Development

The Cohen-Bradford IWA Model



PERFORMANCE METRICS



Aspect of Software Delivery Performance*	Elite	High	Medium	Low
Deployment frequency For the primary application or service you work on, how often does your organization deploy code to production or release it to end users?	On-demand (multiple deploys per day)	Between once per day and once per week	Between once per week and once per month	Between once per month and once every six months
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WHERE TO LOOK FOR CLUES



OKRS



BACKLOGS



PRESENTATIONS



SOCIALIZING

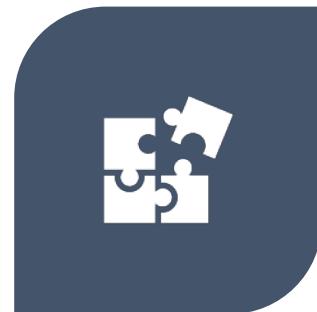
DEVELOPERS



AUTONOMY



MASTERY



PURPOSE



FEAR

TESTERS



AUTONOMY



MASTERY



PURPOSE



FEAR

OPS



AUTONOMY



MASTERY



PURPOSE



FEAR

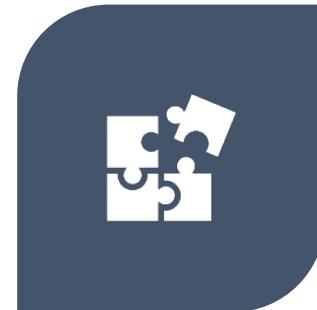
SECURITY



AUTONOMY



MASTERY



PURPOSE



FEAR

PRODUCT



AUTONOMY



MASTERY



PURPOSE



FEAR



Dev



Ops



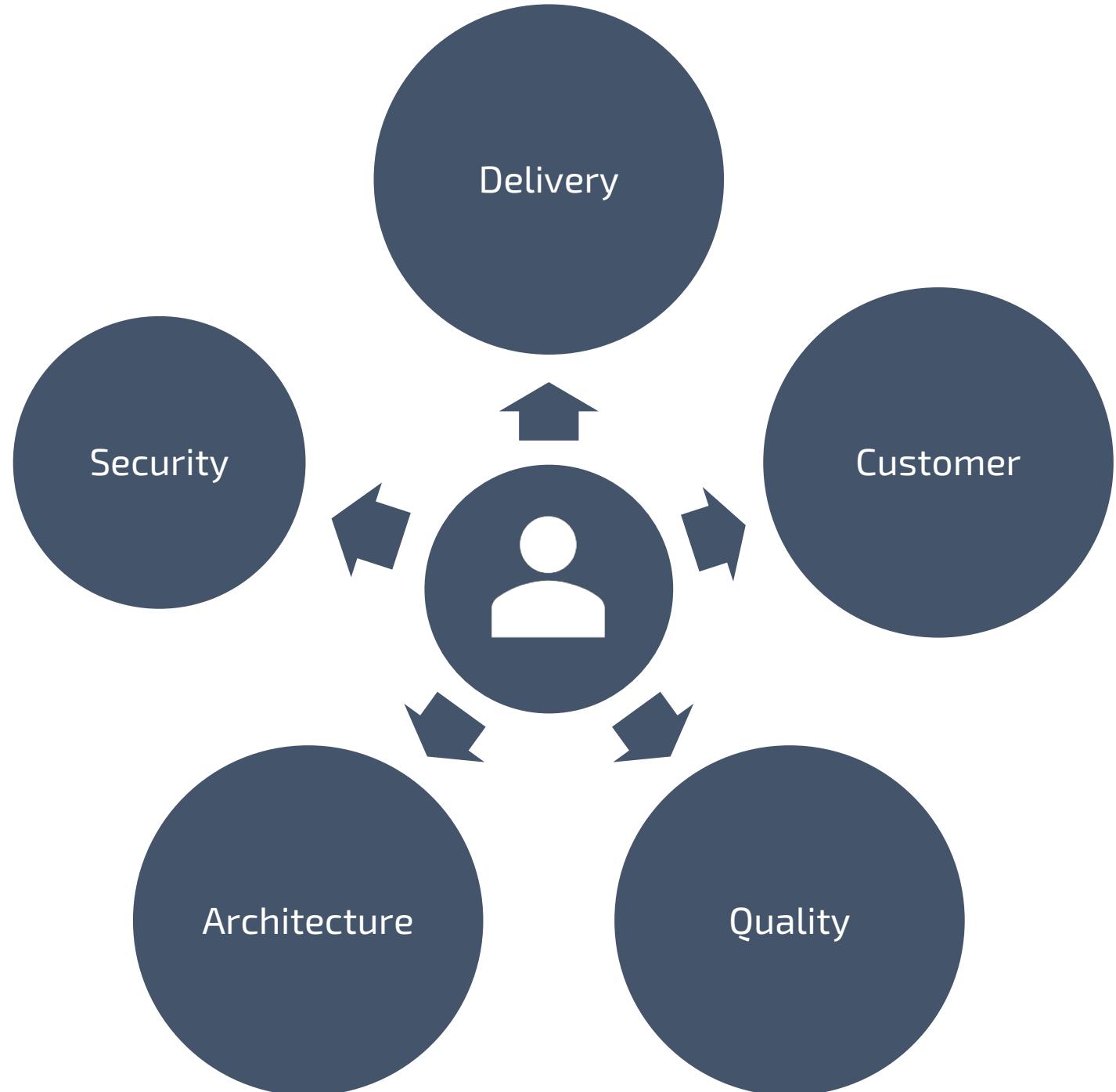
QA

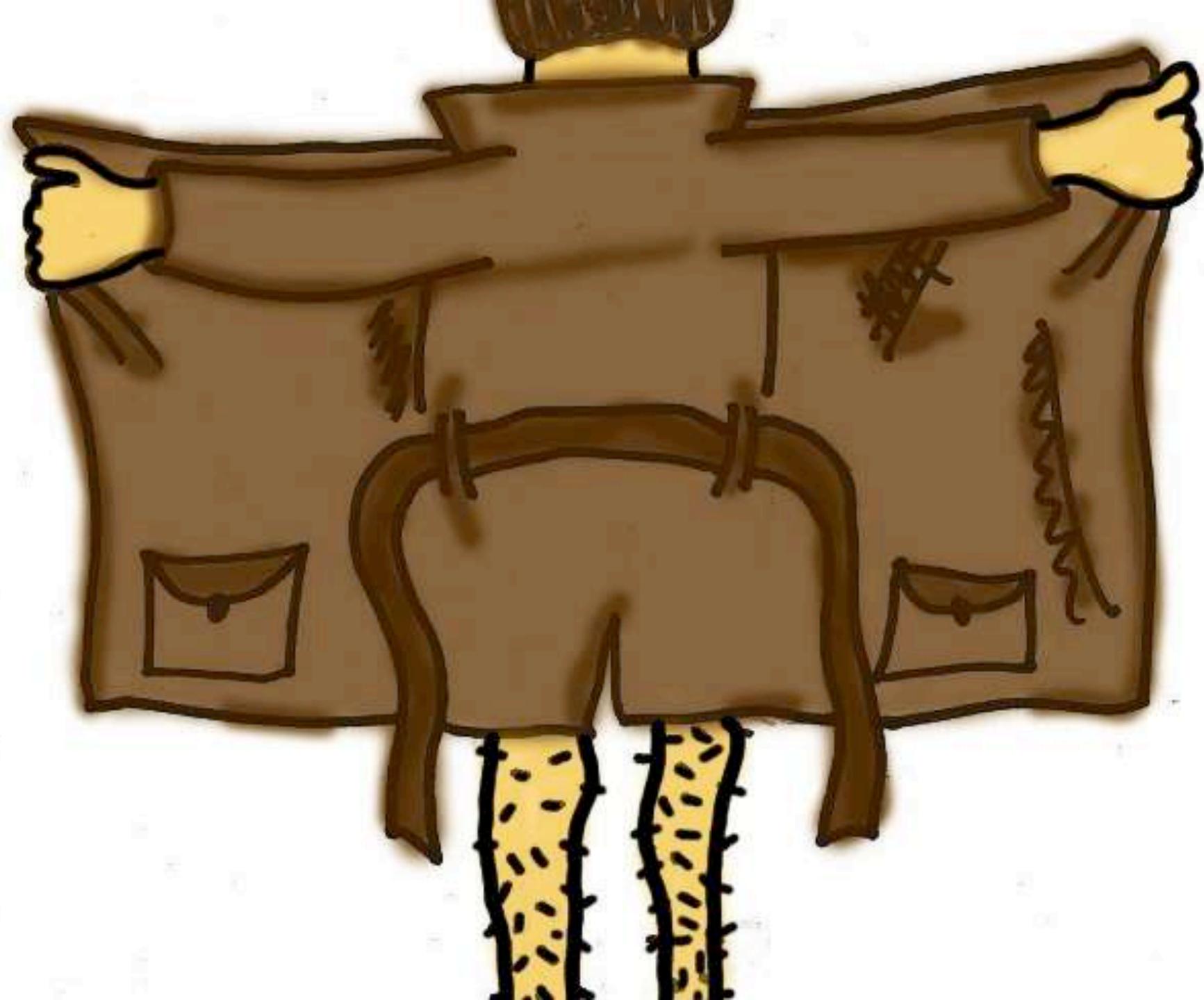


Security



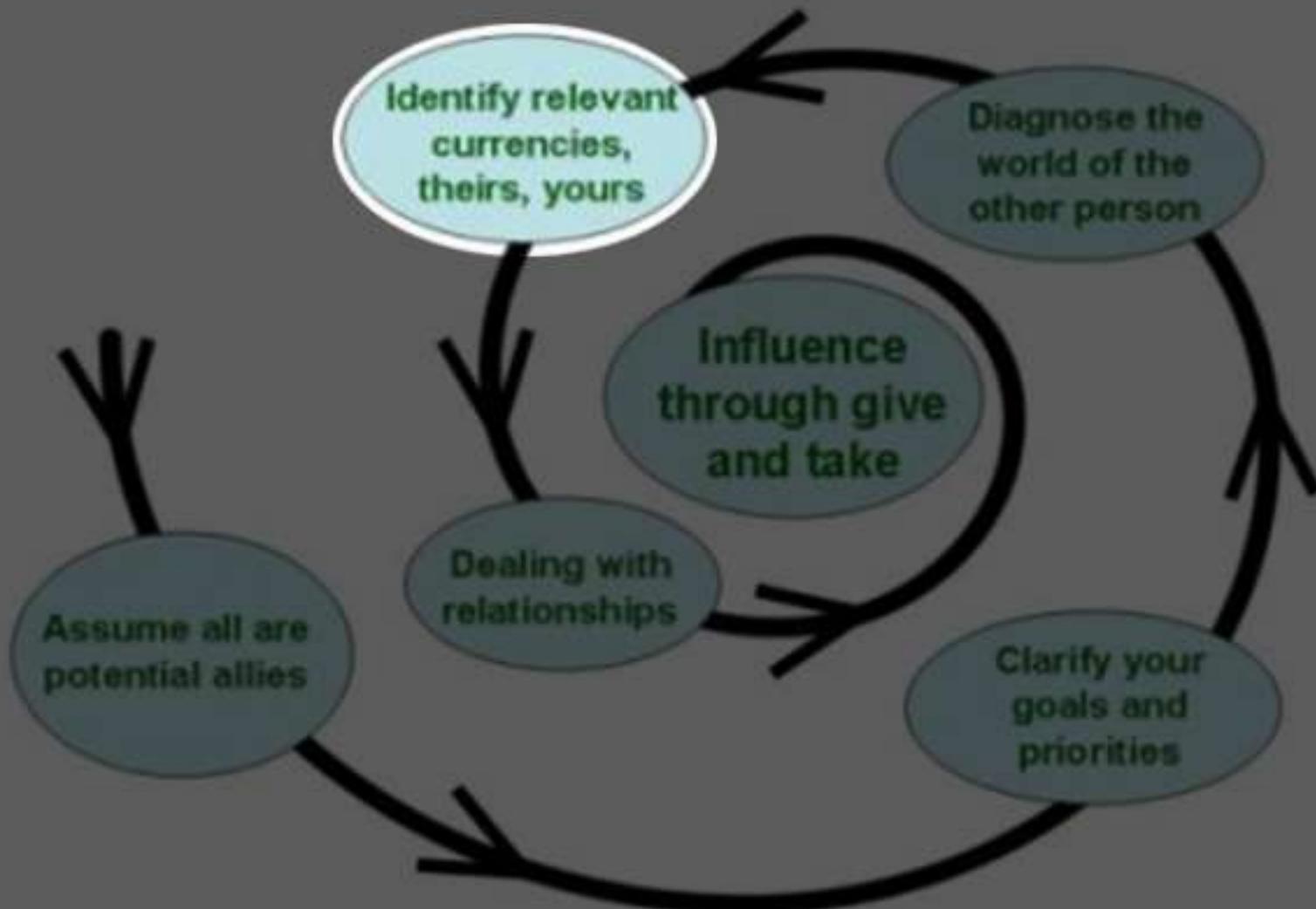
Product







The Cohen-Bradford IWA Model



TYPES OF CURRENCIES



INSPIRATION
RELATED



TASK RELATED



POSITION
RELATED



RELATIONSHIP
RELATED



PERSON
RELATED



A close-up photograph of a clown's face. The clown has white face paint with black outlines around the eyes and mouth, and a prominent red clown nose. The clown is looking directly at the camera with a wide, toothy smile. The background is dark and textured, possibly a brick wall or a rough surface. The lighting is dramatic, highlighting the clown's face against the dark background.

HEY, DUDE

COME TO OUR HACKATON!



@jbaruch

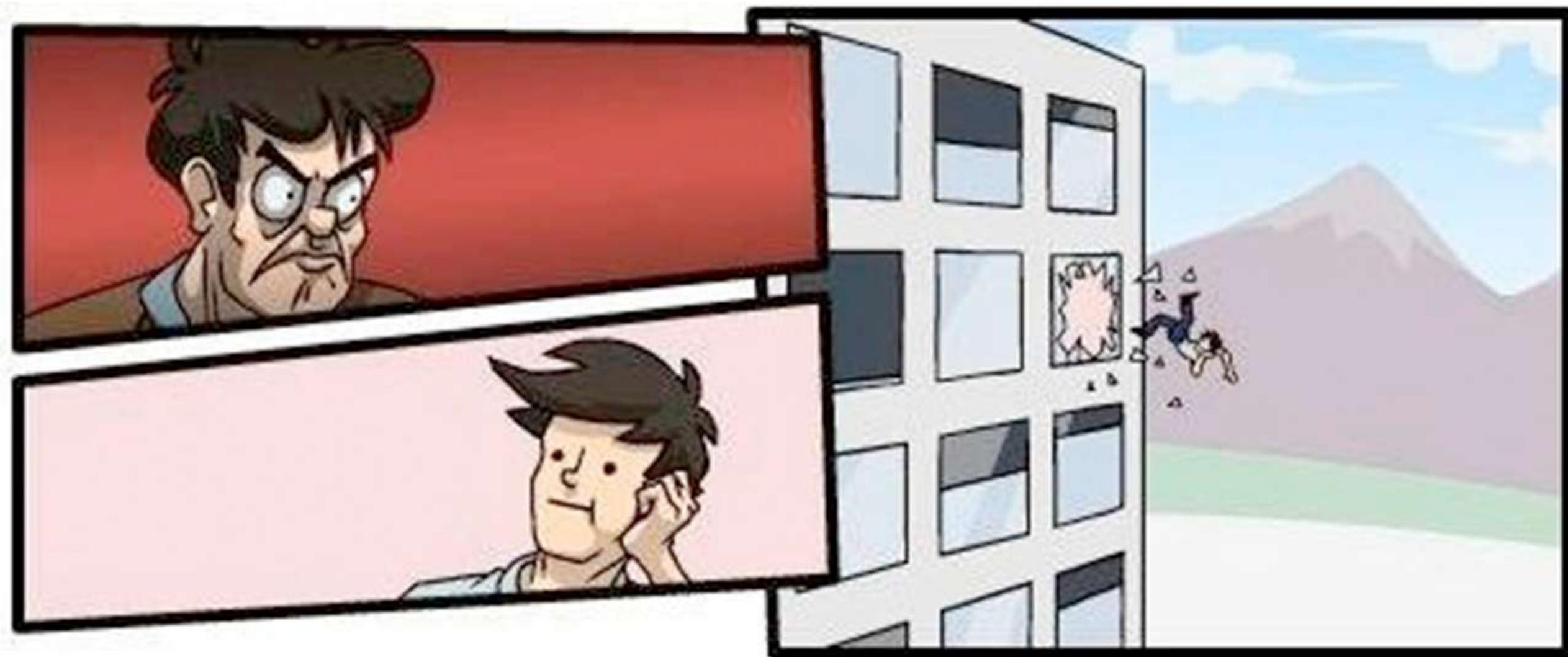
@ligolnik

#CNCF

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The Cohen-Bradford IWA Model



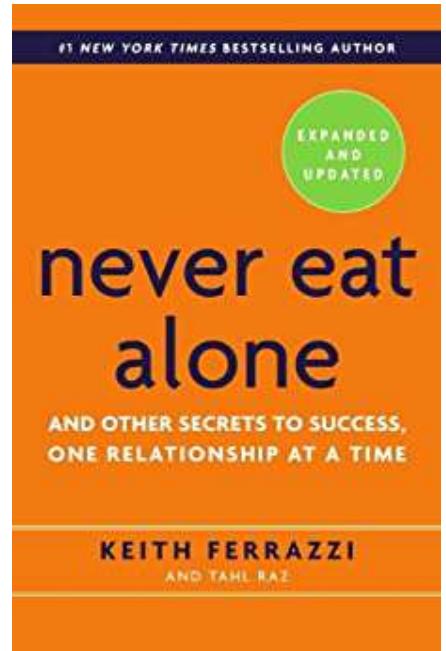
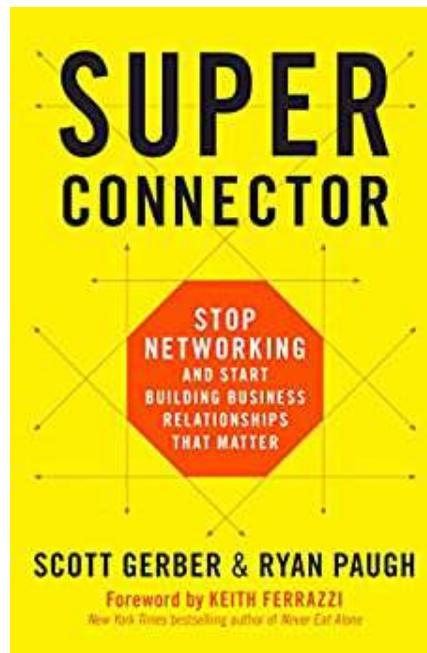
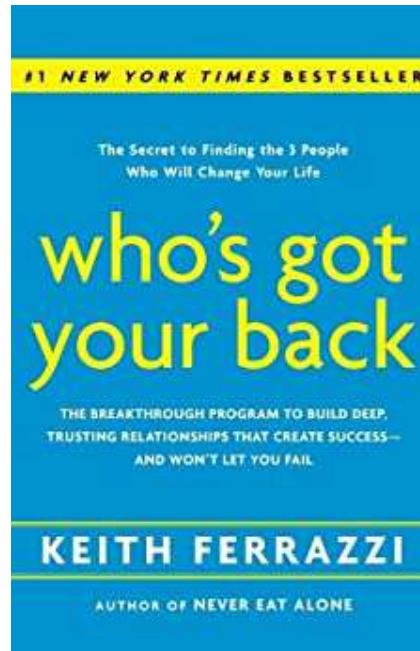
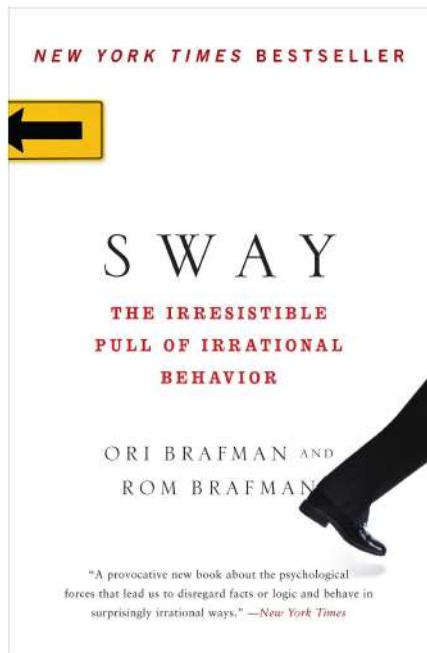
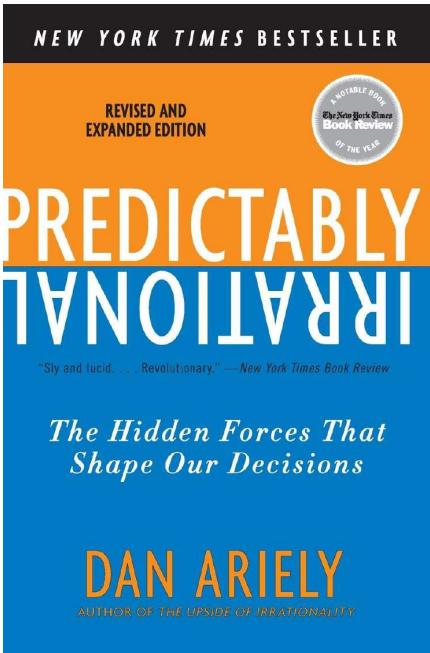


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@jbaruch

@ligolnik

#CNCF

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The Cohen-Bradford IWA Model



quiddity /kwɪdɪtɪ/ the essential nature of a thing

- ORIGIN Latin *quidditas*

quid pro quo /kwɪd p्रo koo/

quid pro quos) a favour given for something.

- ORIGIN Latin, 'something for something'.

quiescent /kwi-eßuhnt/ at rest; inactive

- ORIGIN Latin *quiēscere*, 'to be at rest'.

TYPES OF EXCHANGE



INTEREST
ALIGNMENT



BARTER



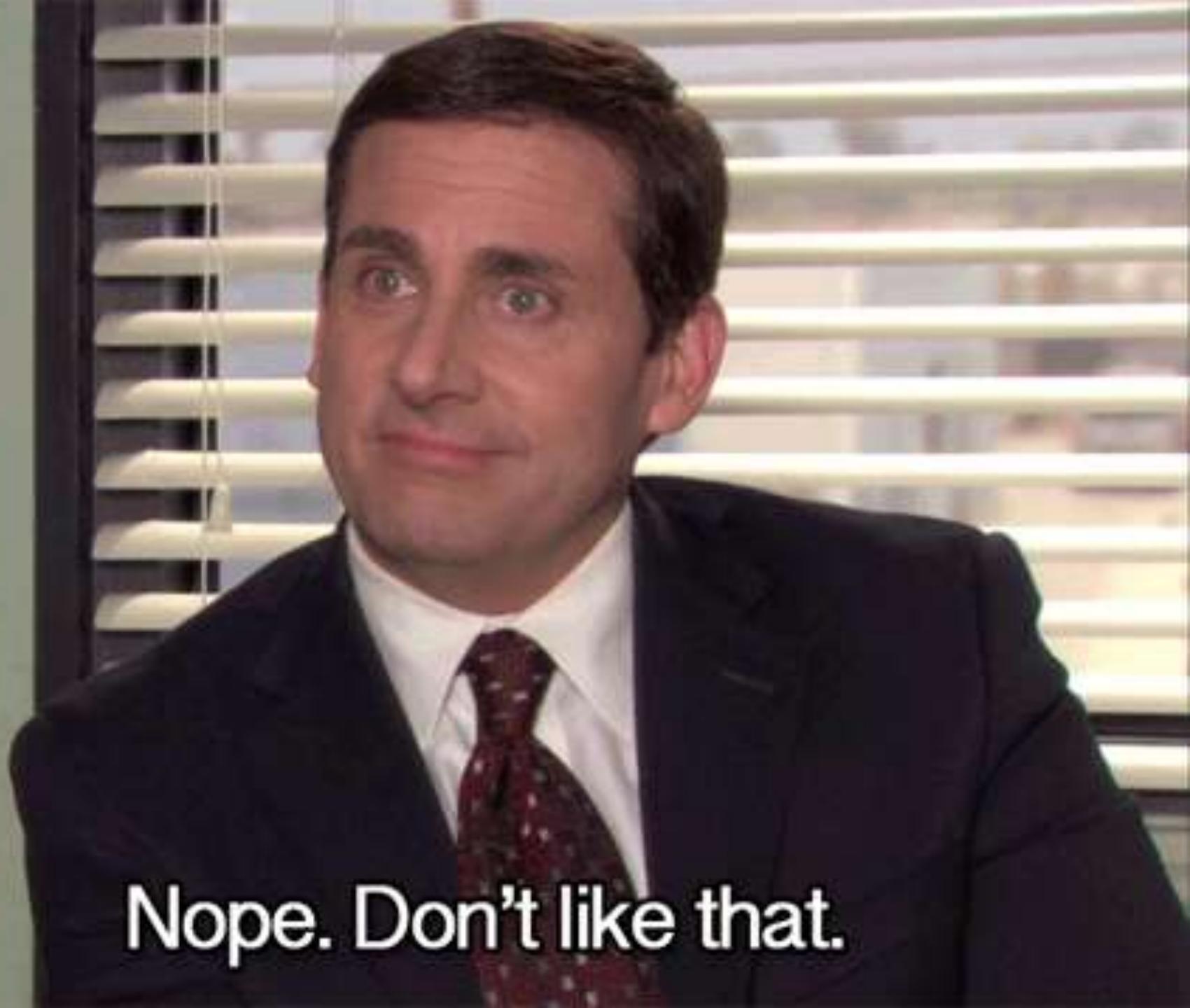
OWE A FAVOR



CALL IN A
FAVOR

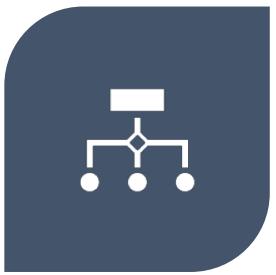
A dramatic night scene featuring a full moon rising over a dark, choppy sea. In the foreground, the dark silhouette of a small boat is visible on the left. The sky is filled with dark, heavy clouds.

THE END.



Nope. Don't like that.

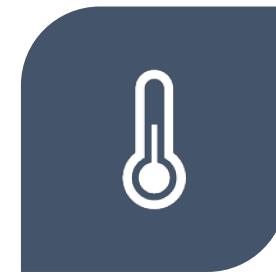
BARRIERS TO INFLUENCE: EXTERNAL



POWER
DIFFERENTIAL



DIFFERENT
GOALS



INCOMPATIBLE
MEASUREMENTS



RIVALRY

BARRIERS TO INFLUENCE: INTERNAL



LACK OF
EXPERIENCE



BLINDING
ATTITUDE

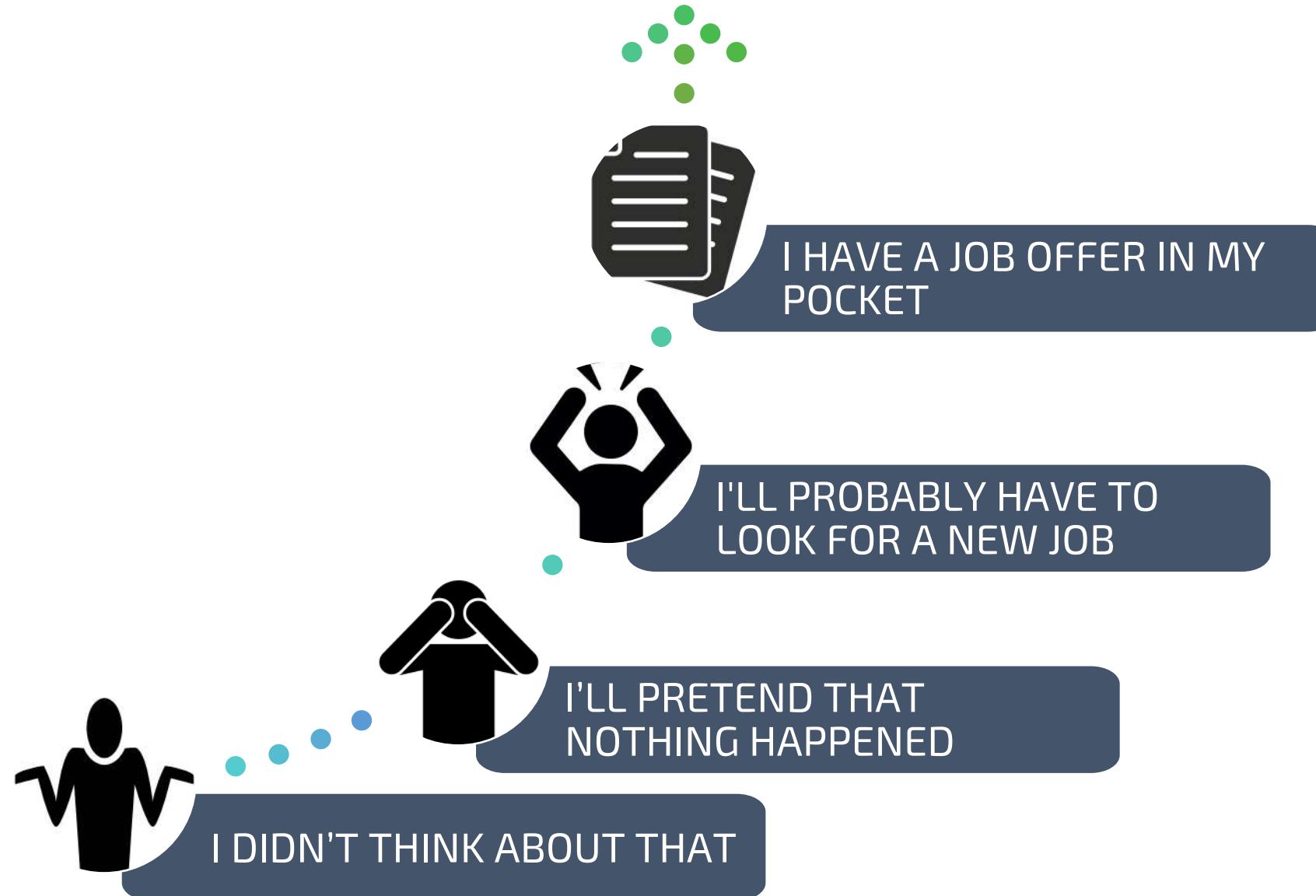


FEAR OF FAILING



FEAR OF
REACTION

BEST ALTERNATIVE TO NEGOTIATED AGREEMENT





@jbaruch

@ligolnik

#CNCF

<https://ifrog.com/shownotes>



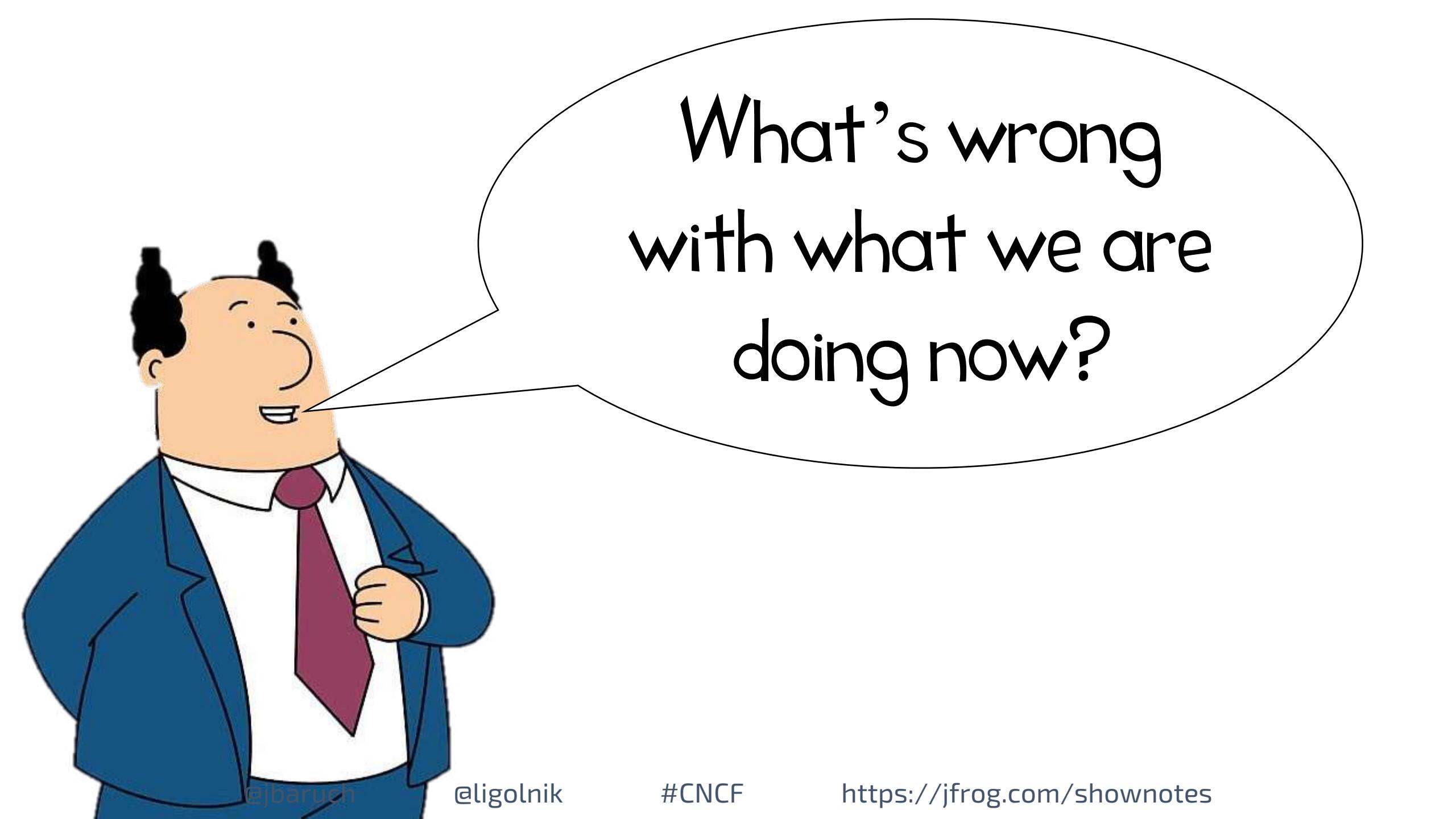
On-ca!! is not
my job!





DEVOPS FOR DEVELOPERS

... OR MAYBE AGAINST THEM?!

A cartoon illustration of a man with dark hair, wearing a blue suit jacket, a white shirt, and a red tie. He is looking upwards and slightly to the right with a thoughtful expression. A large, light gray speech bubble originates from his mouth and curves upwards and to the right, containing the text.

What's wrong
with what we are
doing now?

{* SECURITY *}

Equifax CEO falls on his sword weeks after credit biz admits mega-breach

Well, what else could he do?

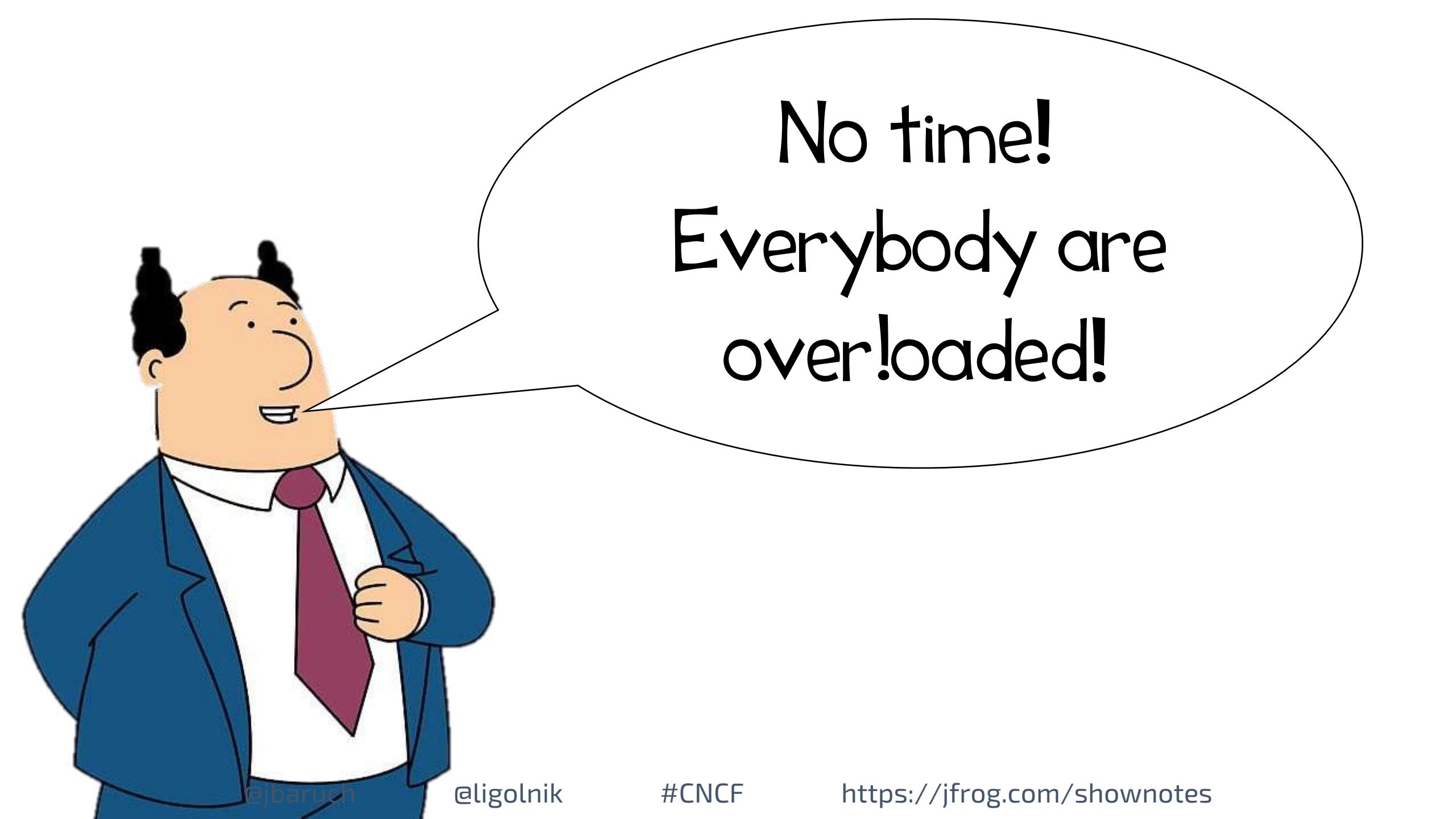
By [John Leyden](#) 26 Sep 2017 at 15:35

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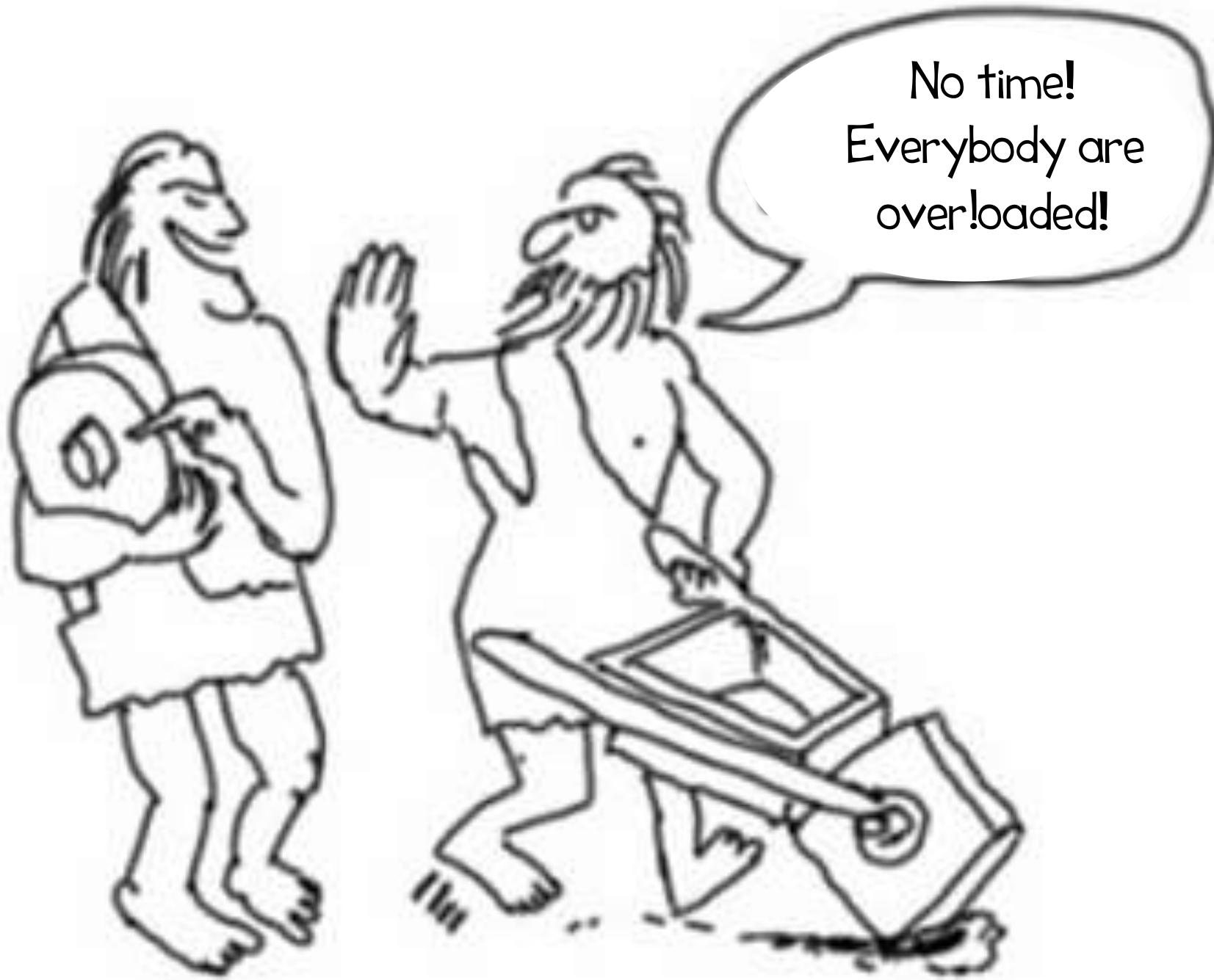
Equifax's chairman and chief exec today resigned, weeks after the consumer credit reporting agency admitted a massive security breach.

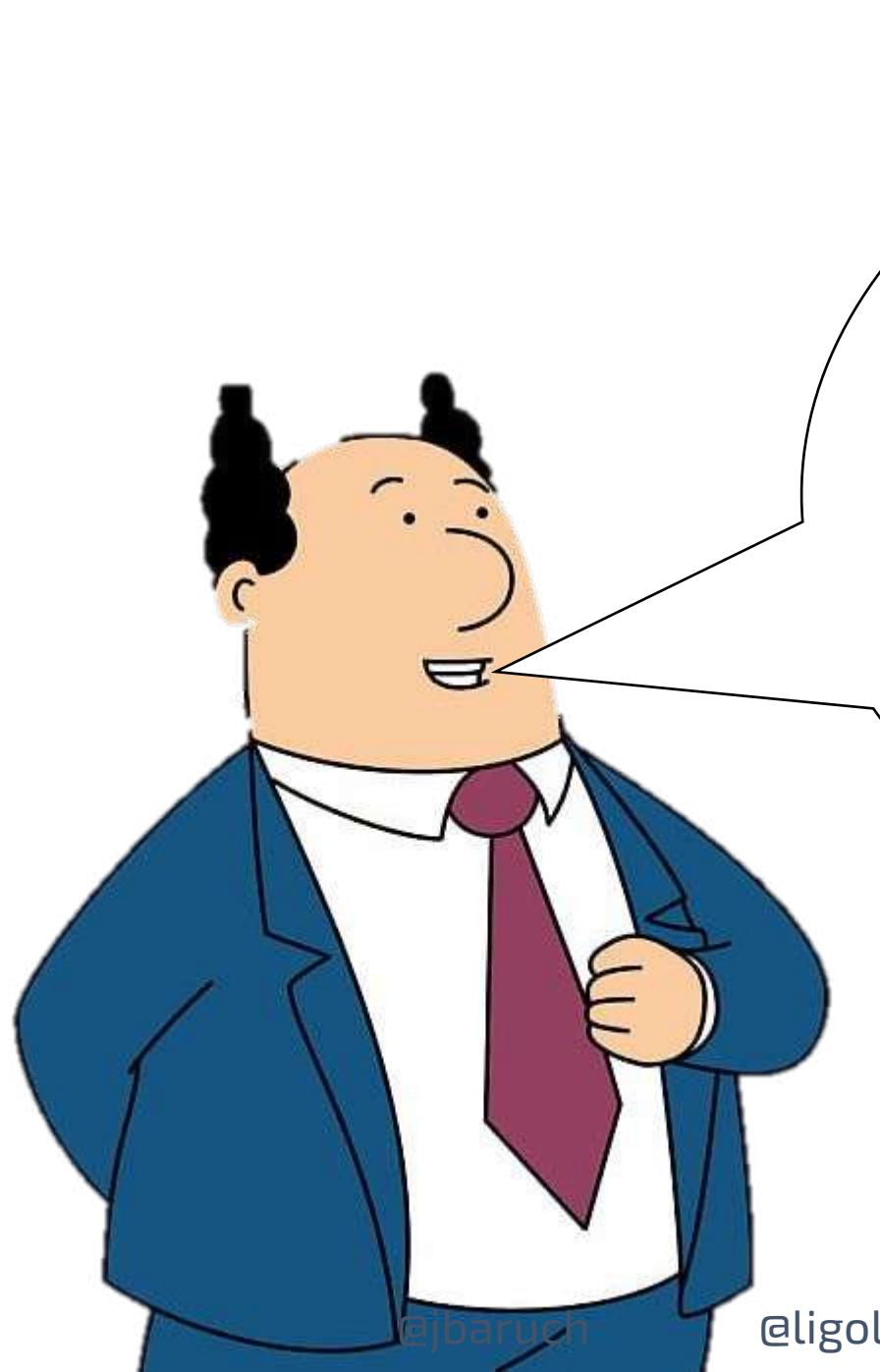
Richard Smith, who "retires" with immediate effect, has joined a growing list of senior people that exited Equifax in the wake of the mega leak that affected in excess of 100 million consumers.

Smith will not collect his annual bonus, according to his agreement with Equifax. He will be on hand for the next 90

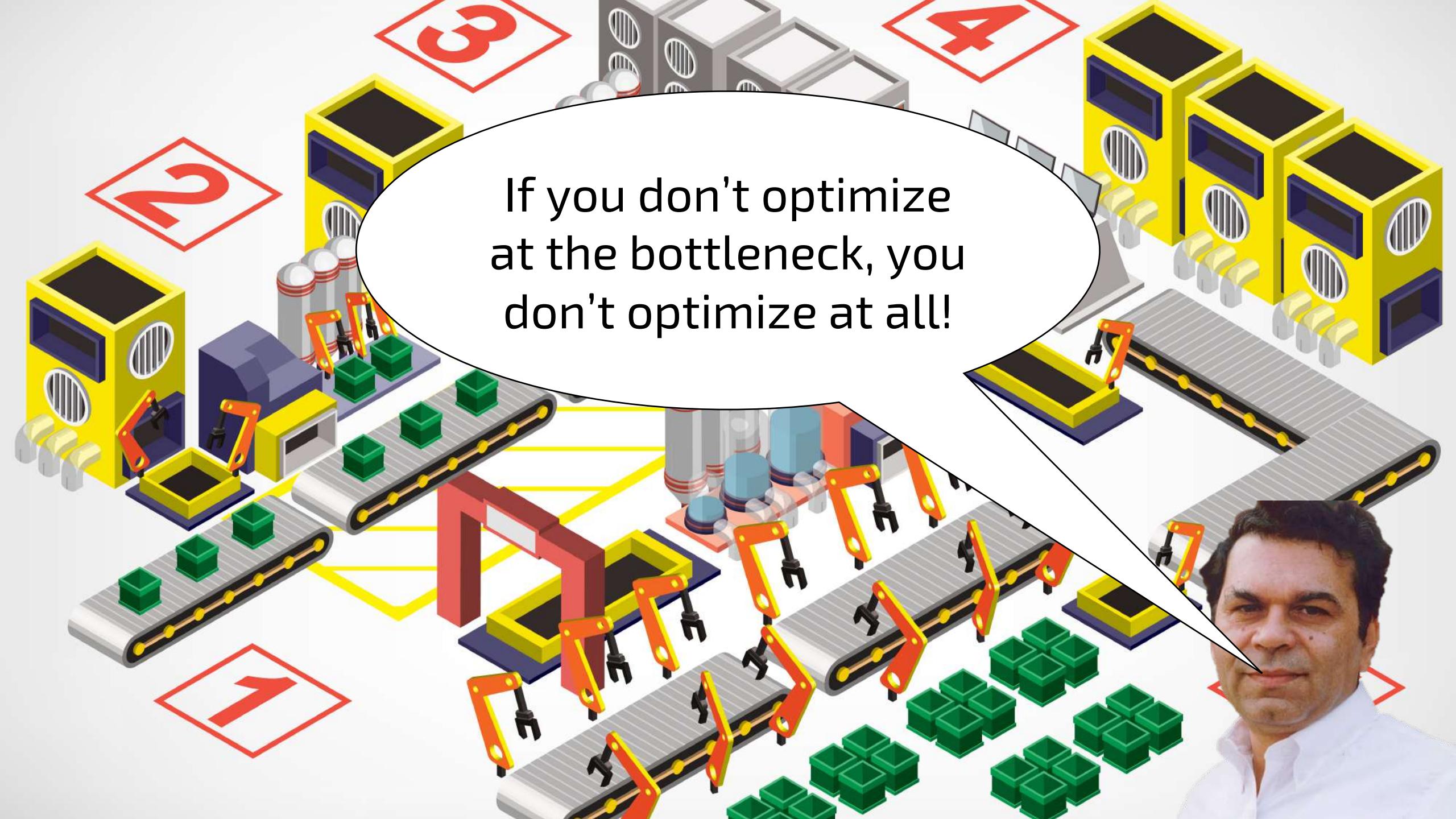
A cartoon illustration of a man with dark hair, wearing a blue suit jacket, a white shirt, and a red tie. He is smiling and has a speech bubble coming from his mouth. The speech bubble contains the text "No time! Everybody are over!loaded!"

No time!
Everybody are
over!loaded!

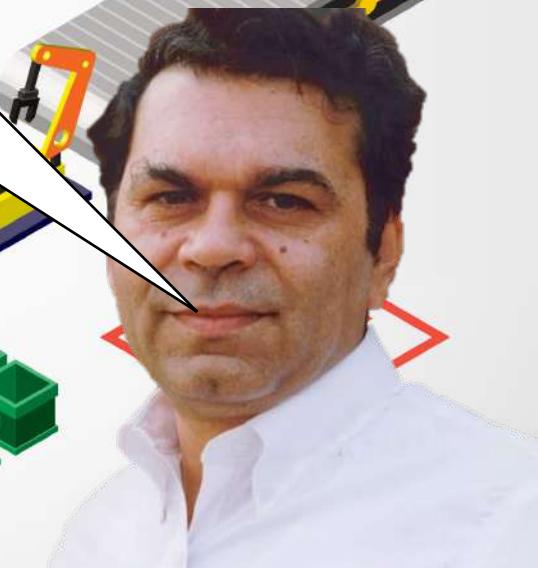




Silos are good,
they promote
specialization!

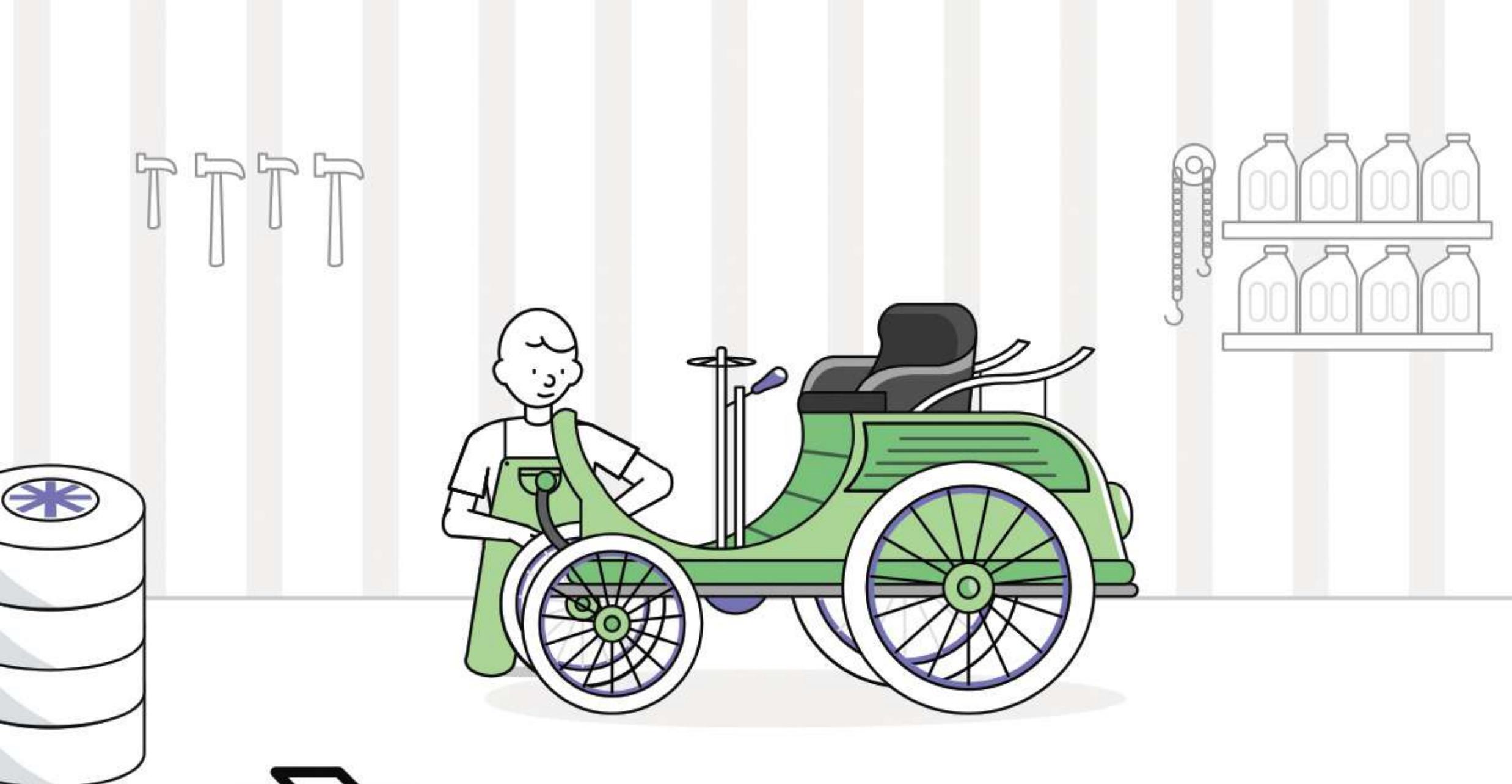


If you don't optimize
at the bottleneck, you
don't optimize at all!





We have
regulations on our
neck, they won't
allow that

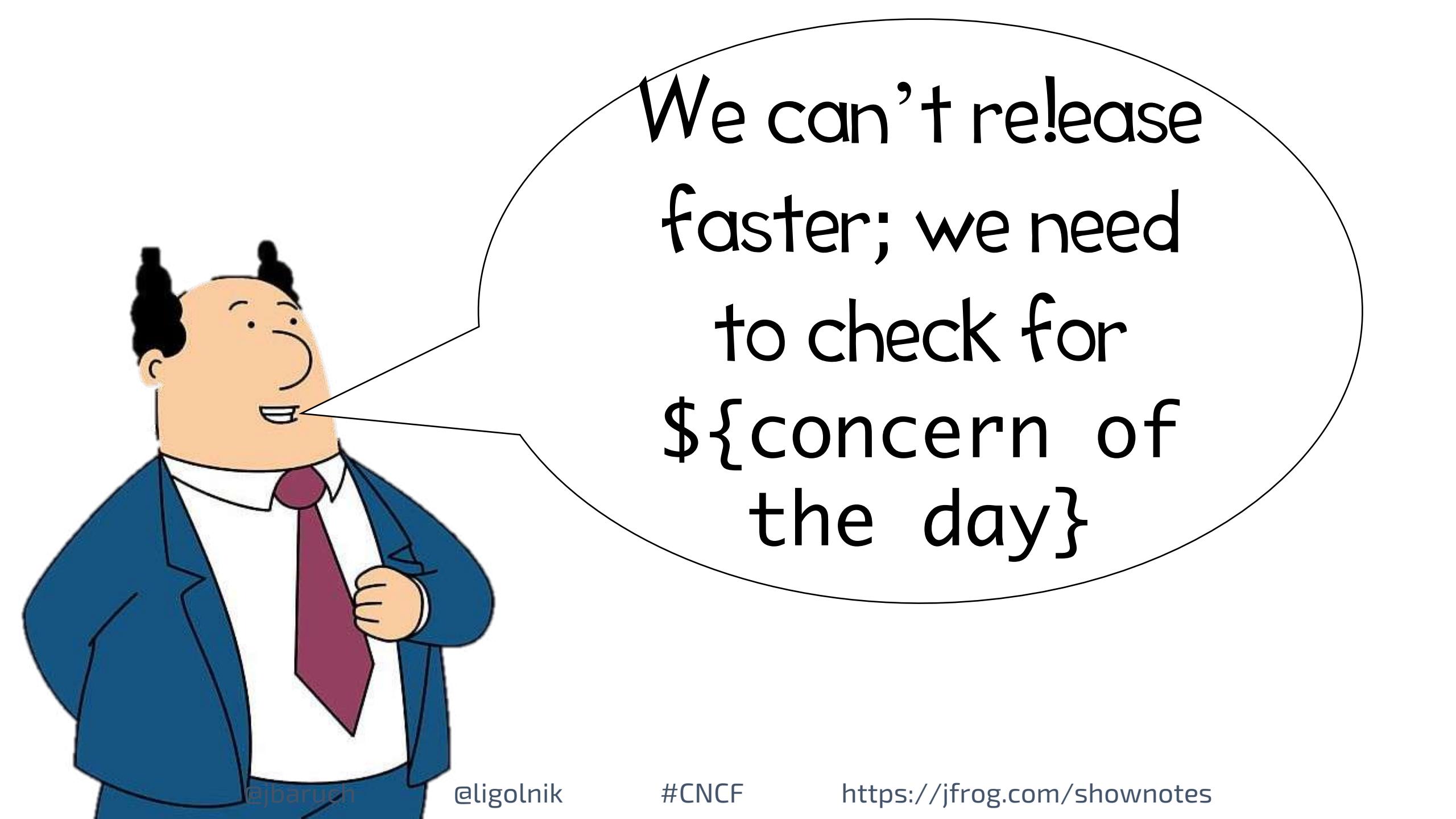


@jbaruch

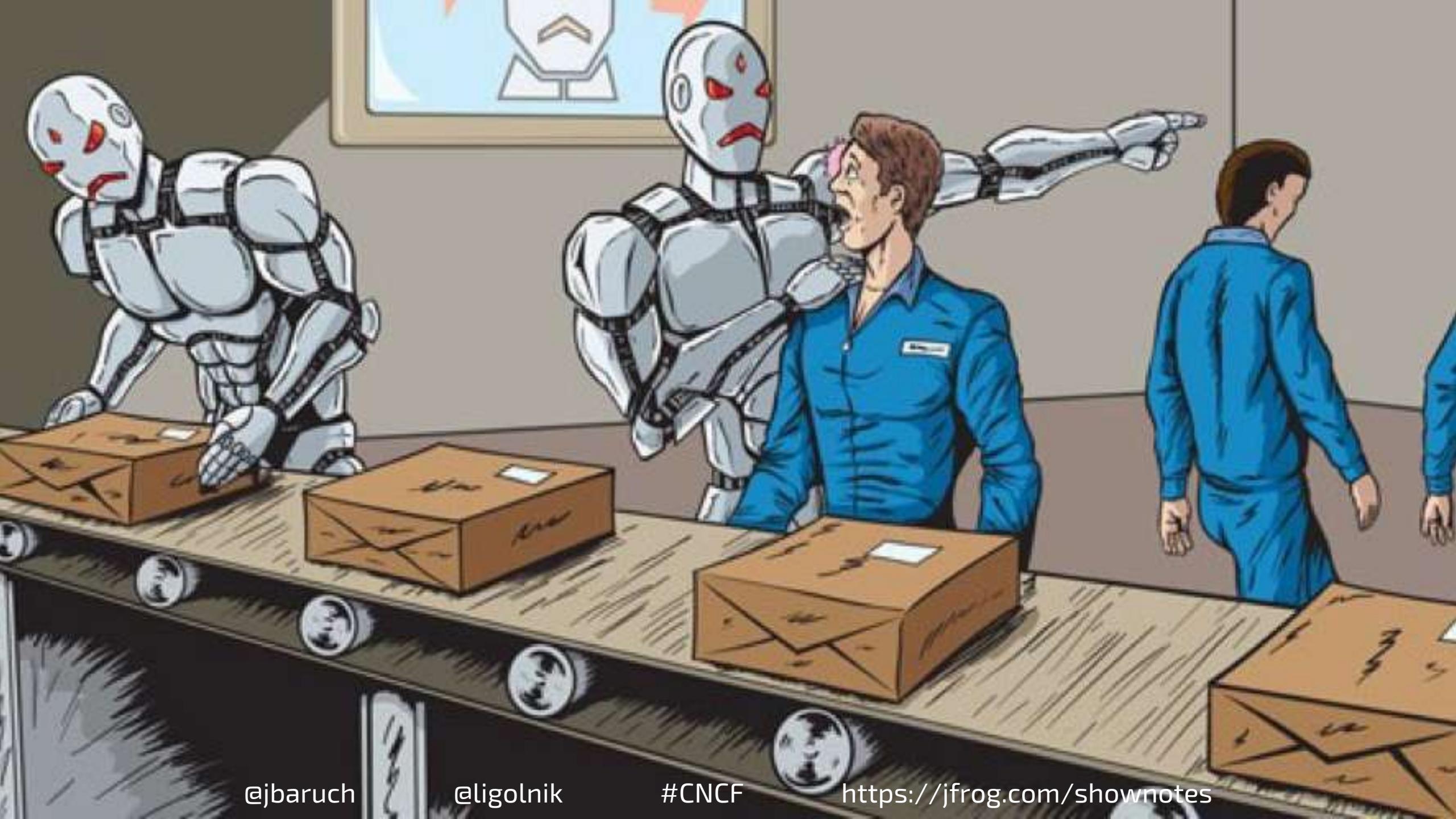
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We can't release
faster; we need
to check for
\${concern of
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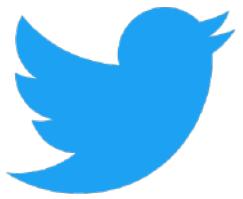
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