

OLD MAN YELLS AT DEVOPS



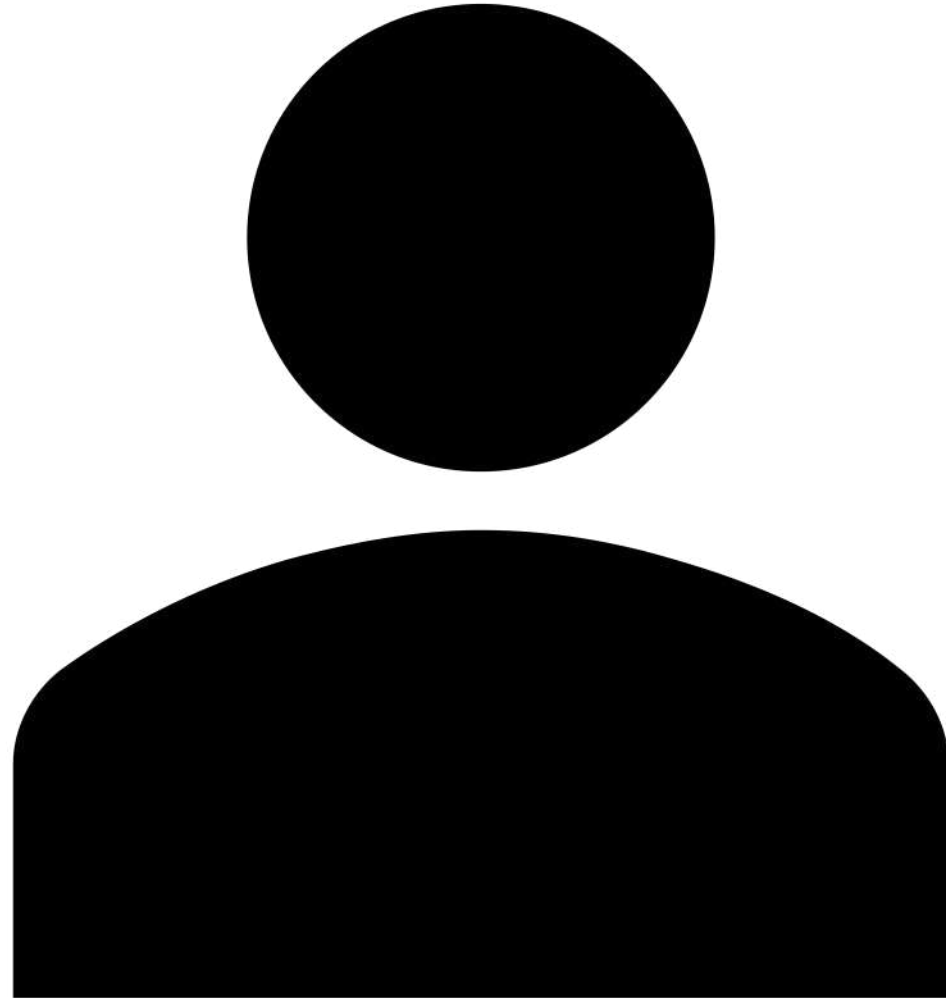
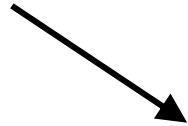
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INFLUENCING DEVOPS WITHOUT AUTHORITY

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

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Mar 21, 2019 · 4 min read ★



(source)

Systems Administrator Salaries

25,439 Salaries Updated Feb 26, 2020

Industries



Company Sizes

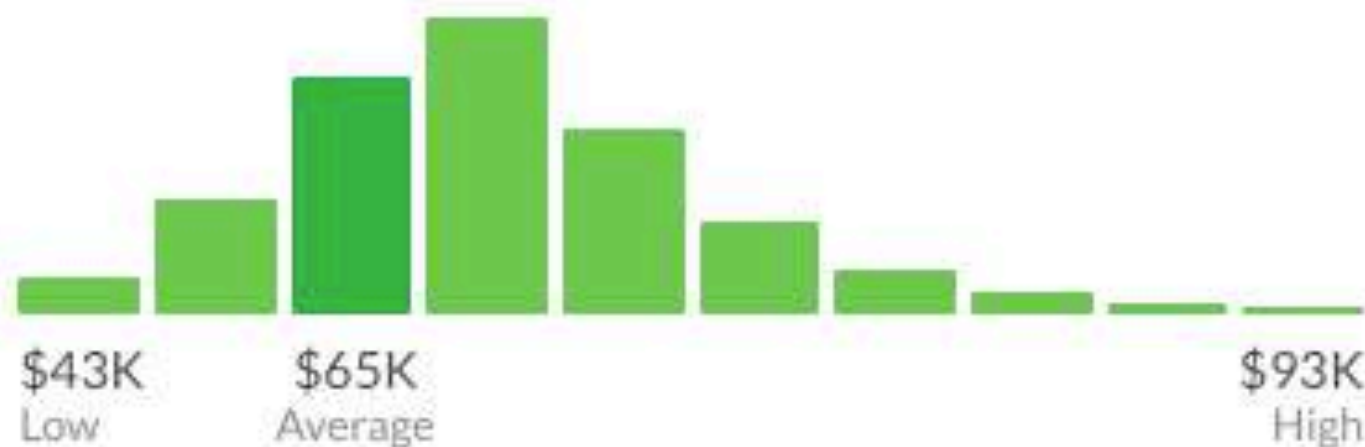


Years of Experience



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

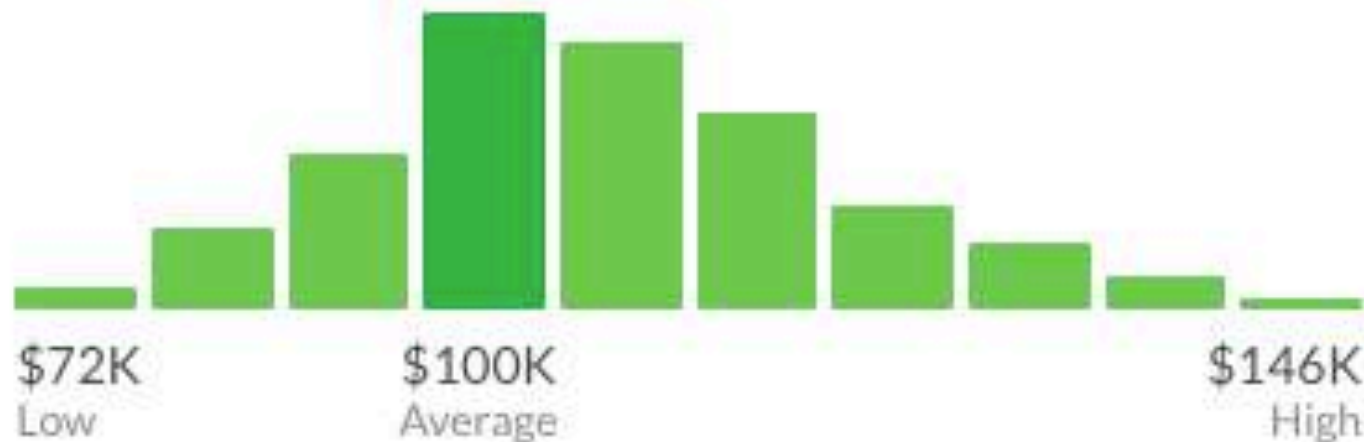


Years of Experience



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)**

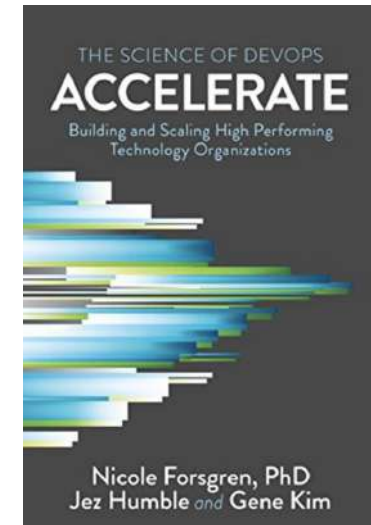
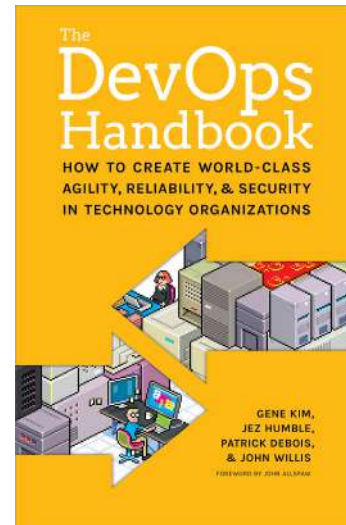
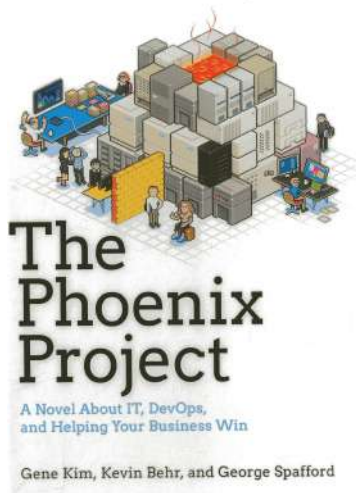
IMPLEMENT DEVOPS IN THEIR DEVOPS DEPARTMENT

**ALEX STILL HAS
A PROBLEM**

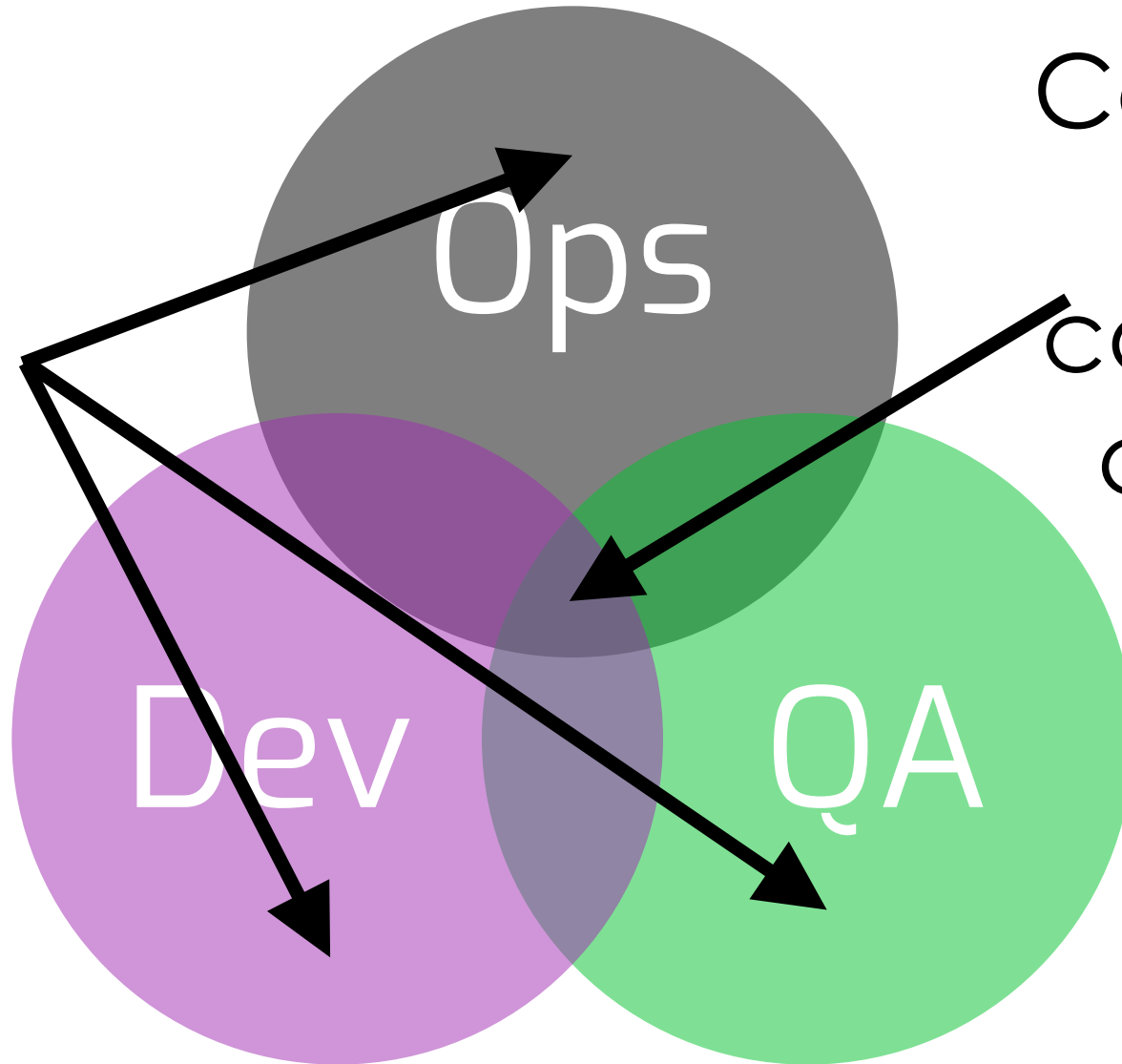


DevOps is a set of practices that combines **software development** (*Dev*) and **information-technology operations** (*Ops*) which aims to shorten the **systems development life cycle** and provide **continuous delivery** with high **software quality**.^{[1][2]}

From the authors of *The Visible Ops Handbook*



Deep
specialization



Common
goals,
common
culture

ACCELERATE

State of DevOps

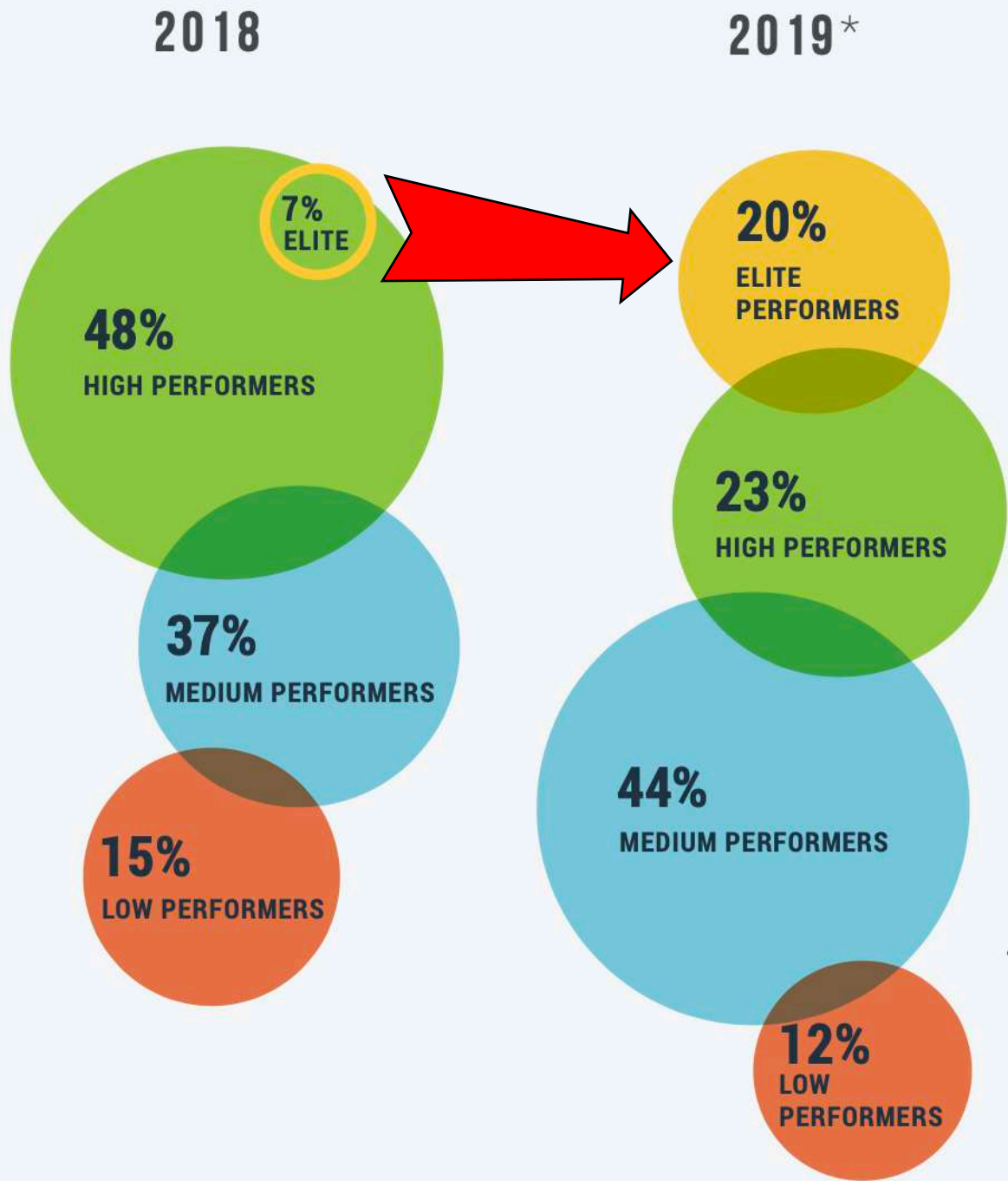
2019



Aspect of Software Delivery Performance*	Elite	High	Medium	Low
<p>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?</p>	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
<p>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)?</p>	Less than one day	Between one day and one week	Between one week and one month	Between one month and six months
<p>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)?</p>	Less than one hour	Less than one day ^a	Less than one day ^a	Between one week and one month
<p>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)?</p>	0-15% ^{b,c}	0-15% ^{b,d}	0-15% ^{c,d}	46-60%

ACCELERATE

State of DevOps





WHO ARE WE?



USERS!



WHAT DO WE WANT?



FEATURES!



WHAT DO WE WANT?



FEATURES!



WHEN DO WE WANT THEM?

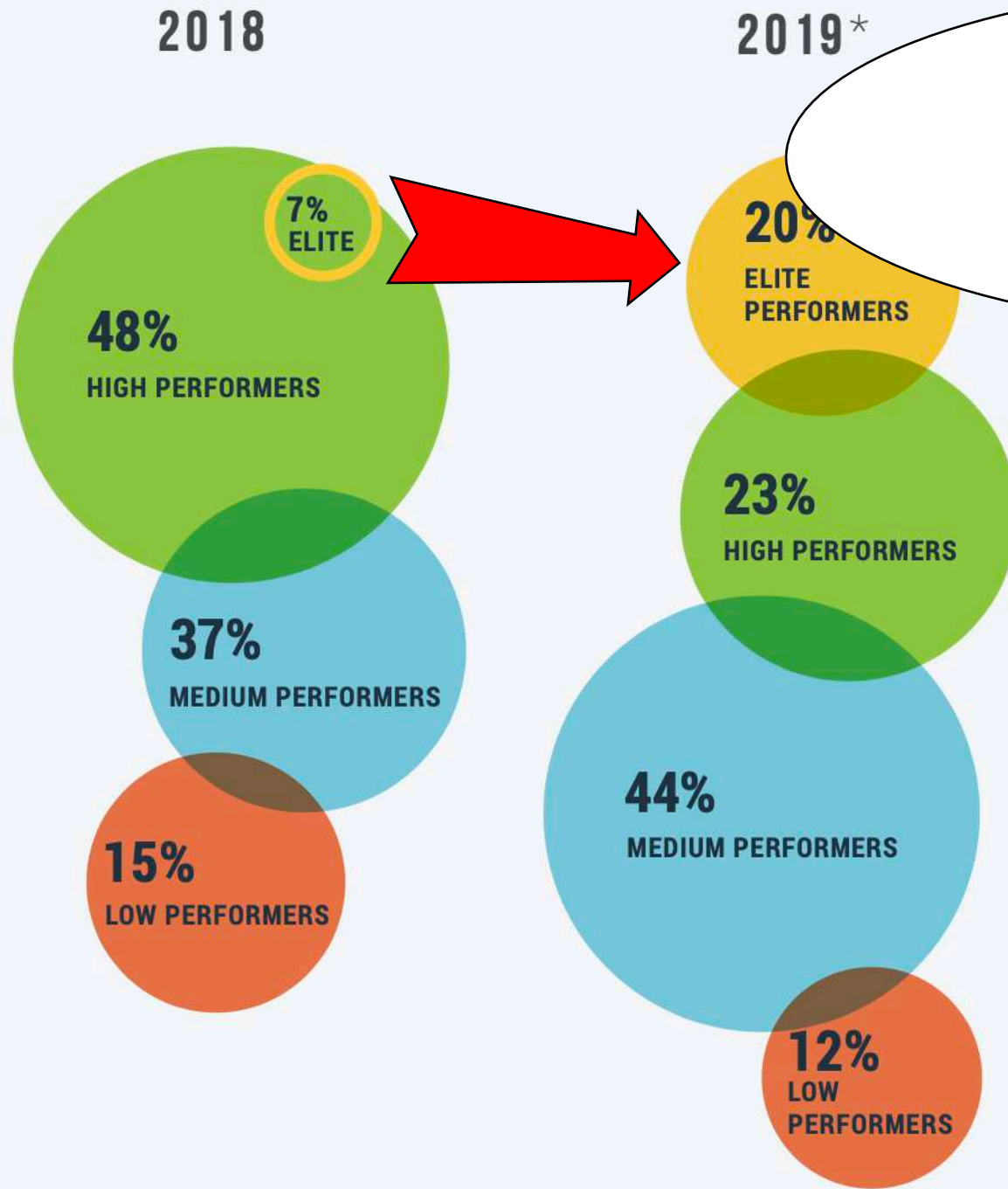


NOW!

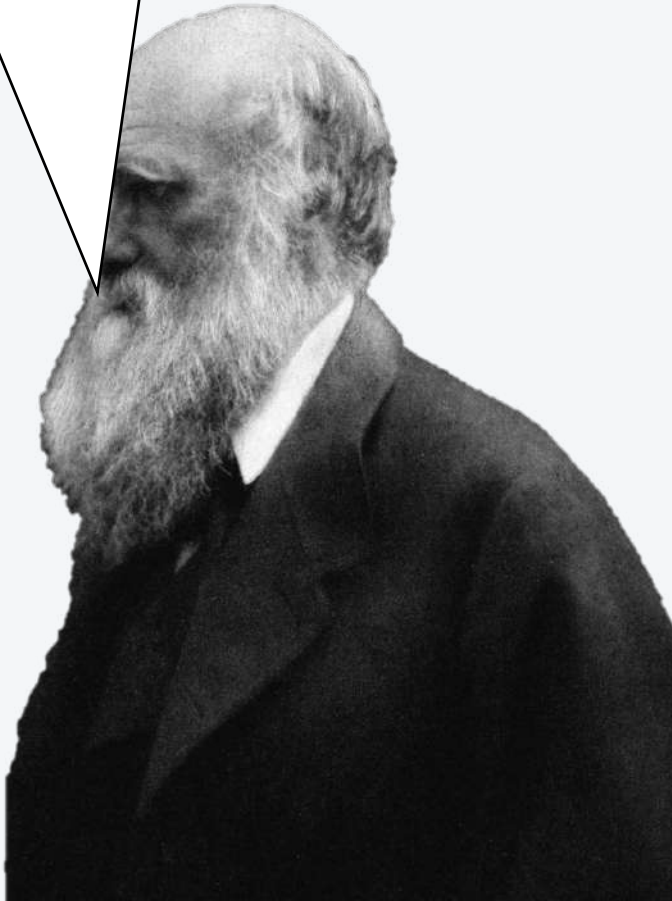


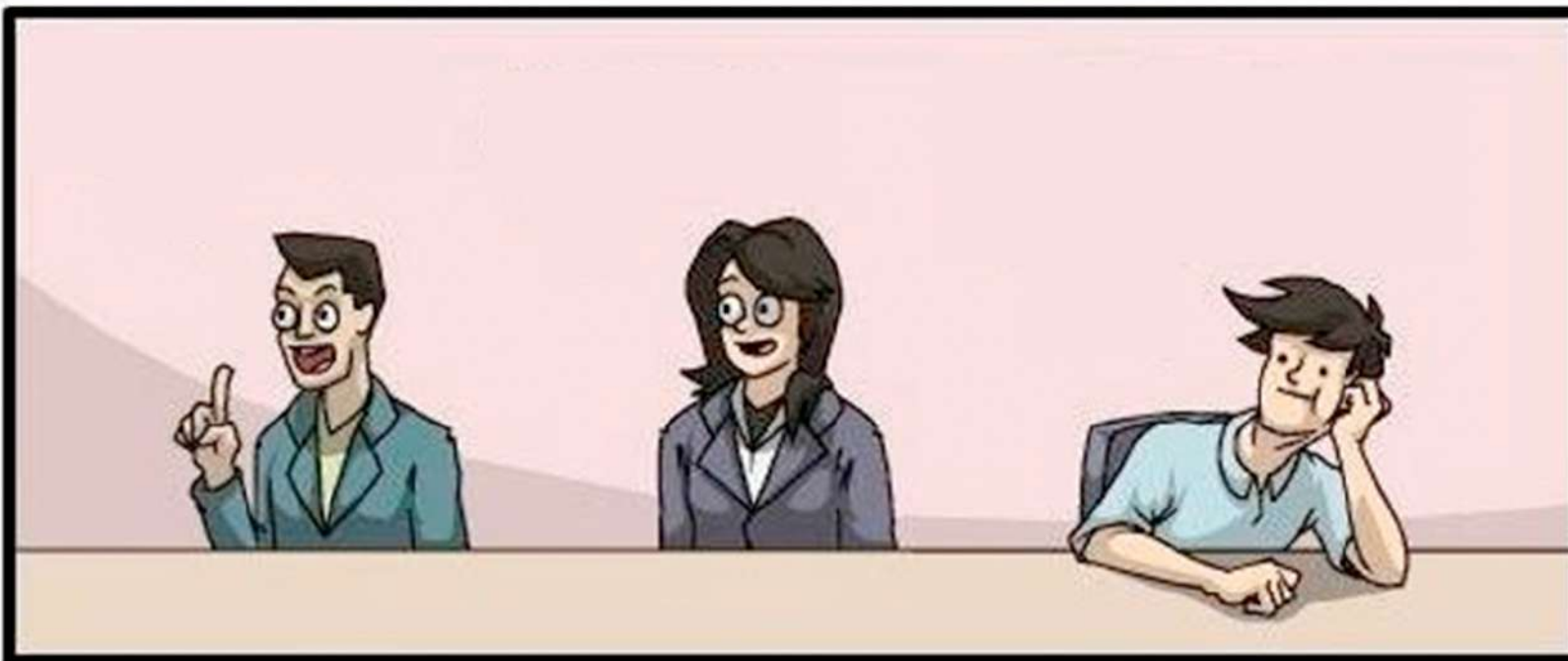
ACCELERATE

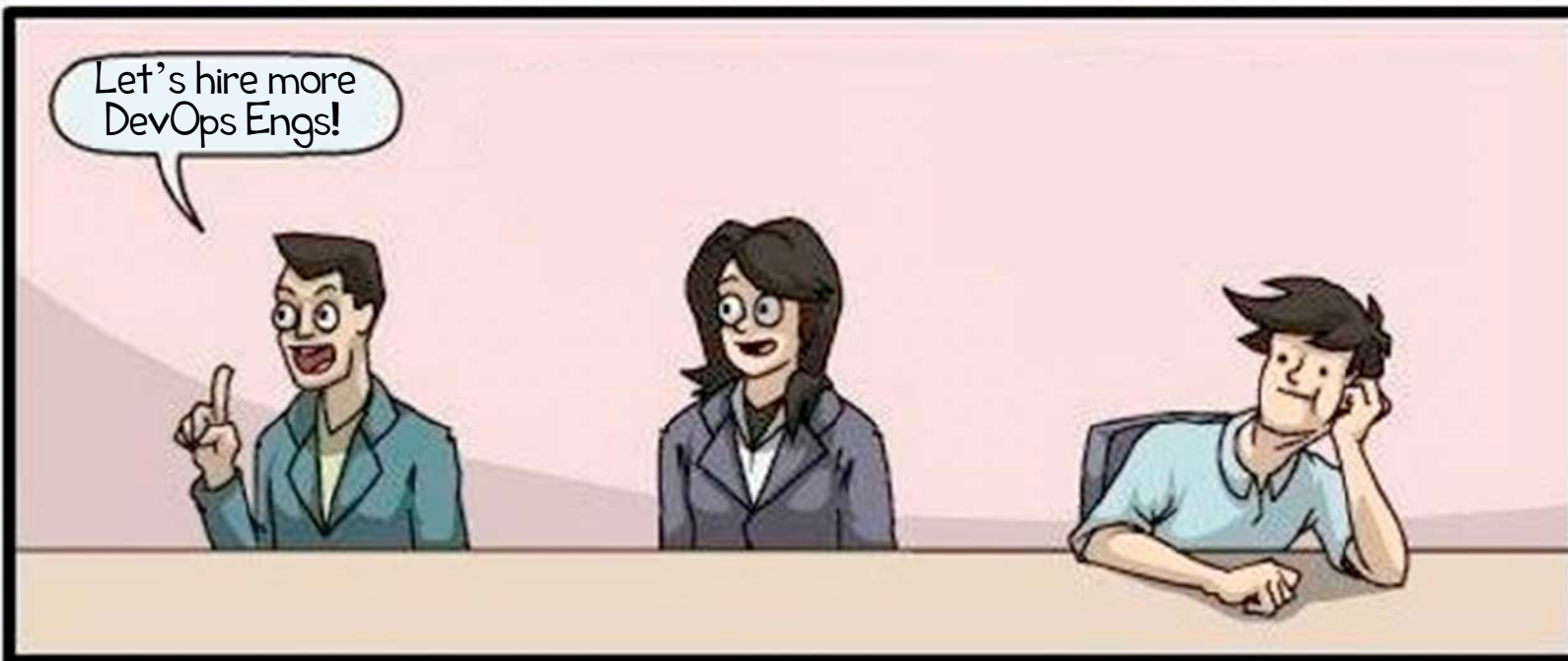
State of DevOps



Evolutionary Pressure!

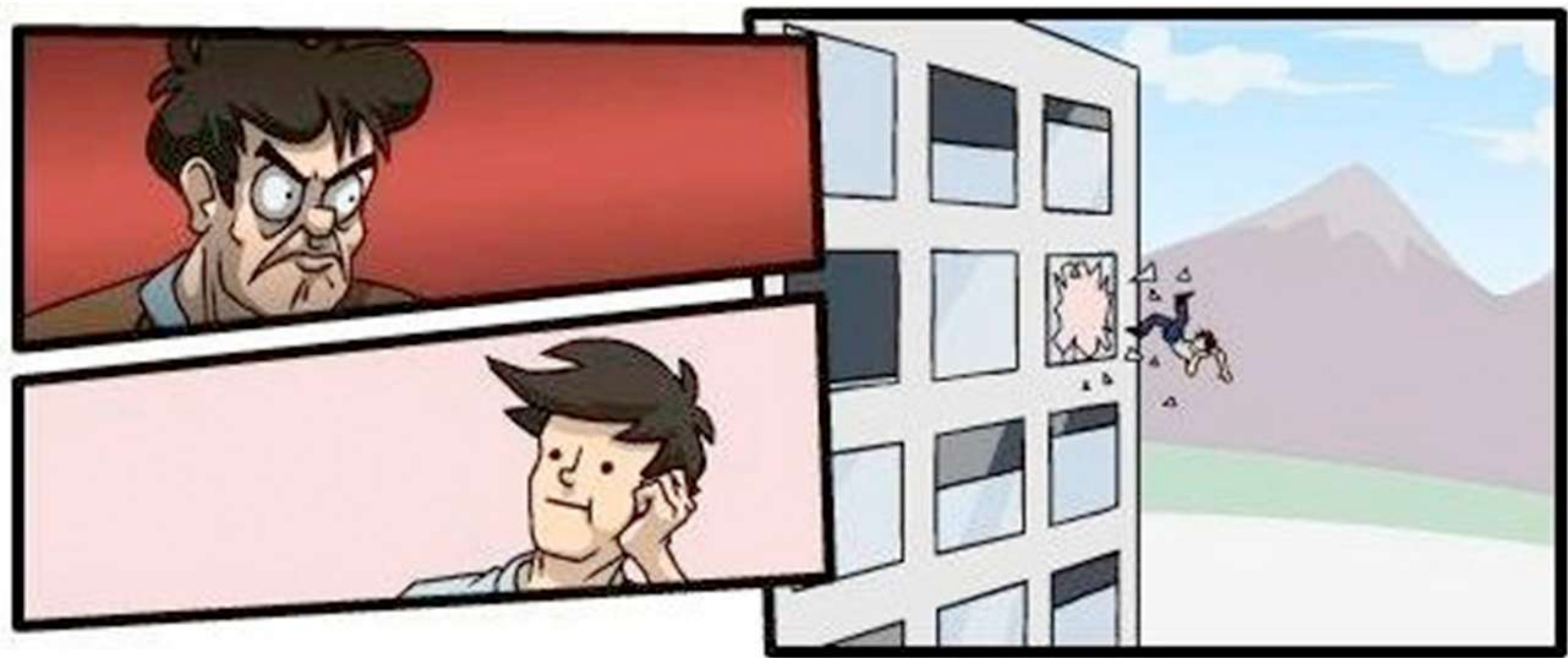




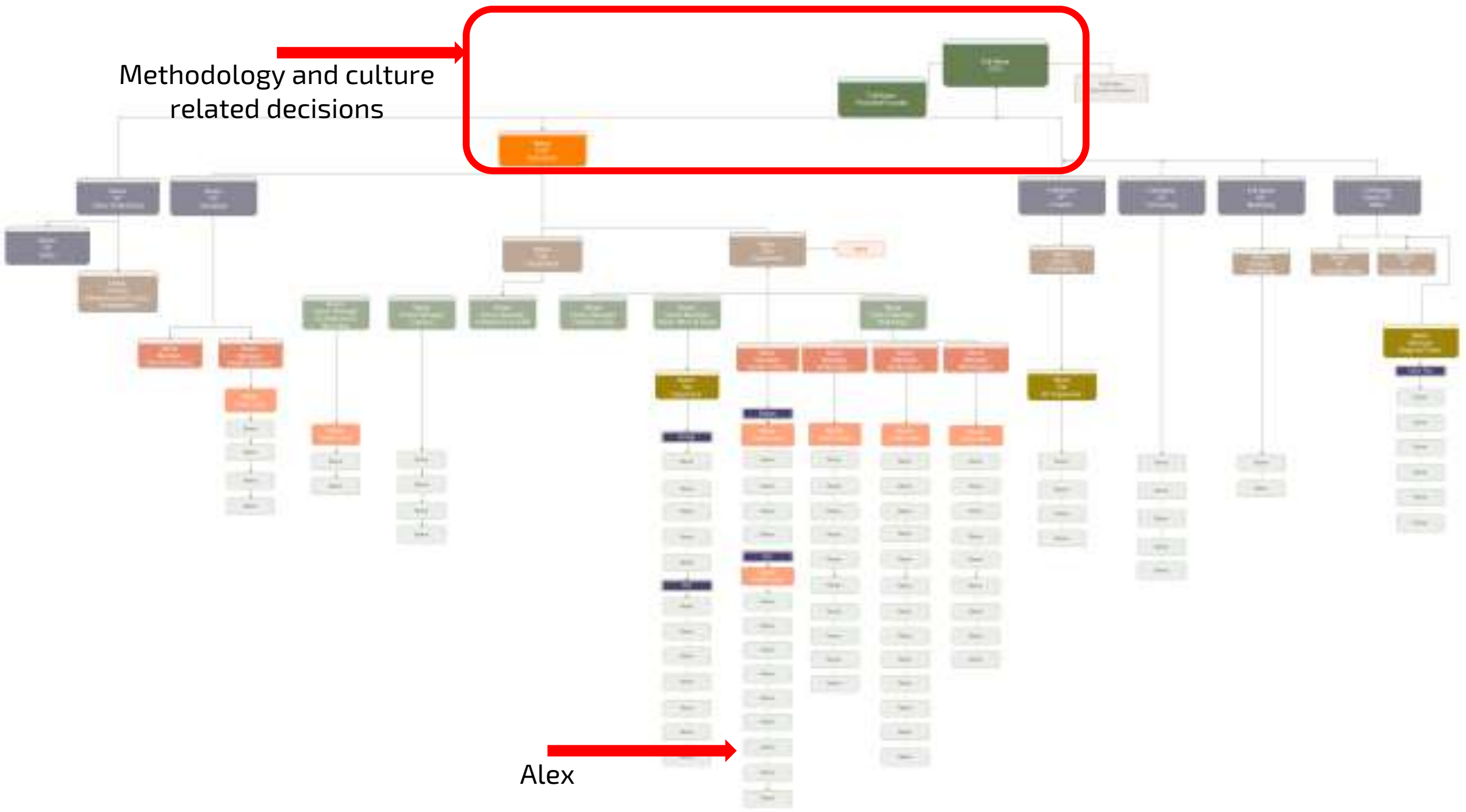








Methodology and culture related decisions



Alex



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



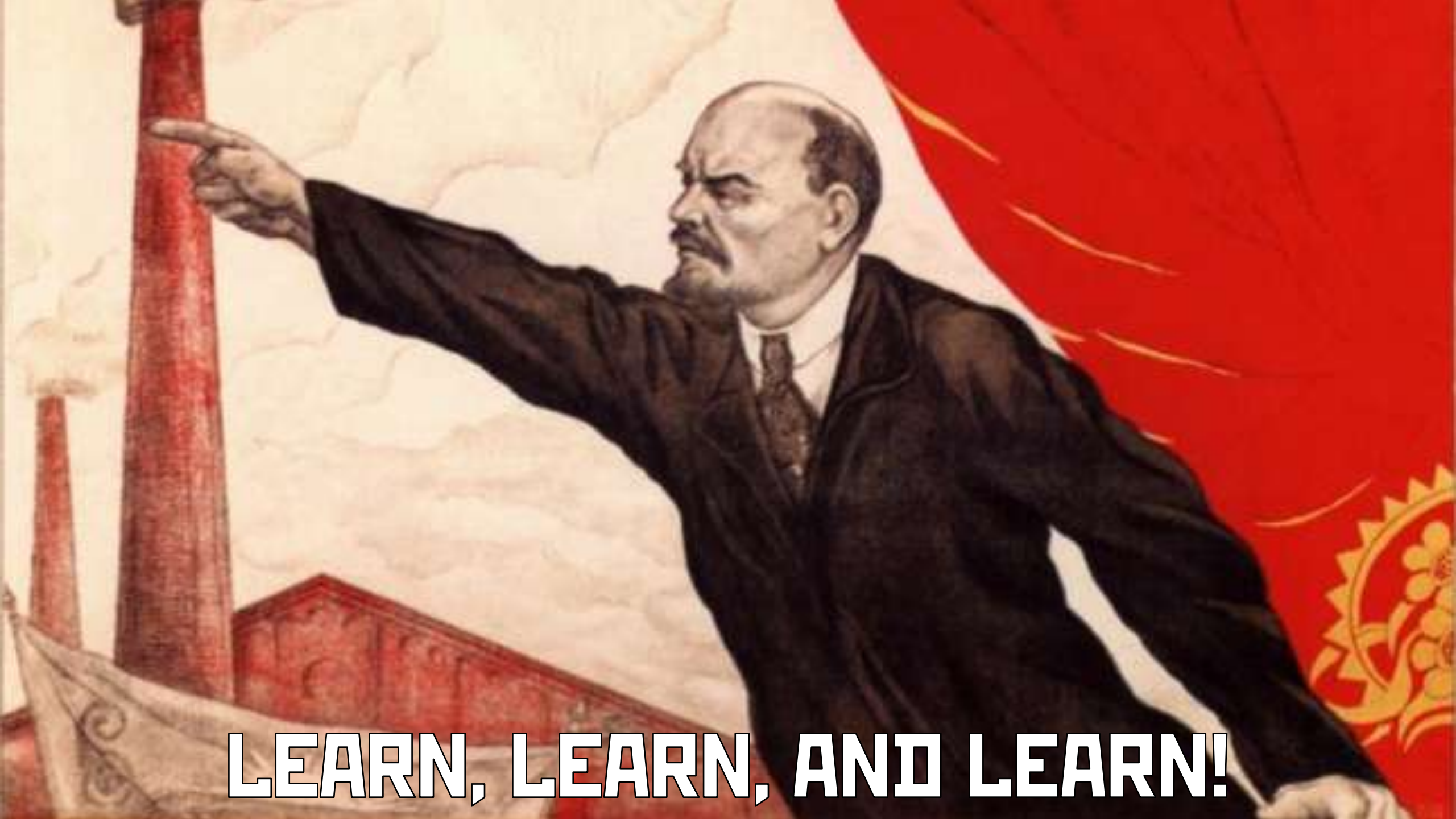
RAFFLE

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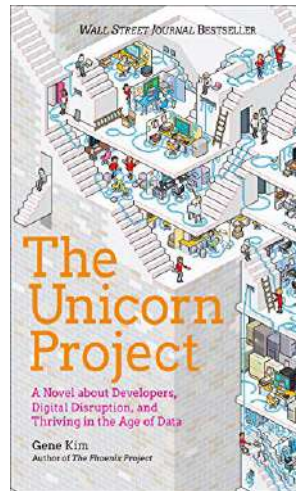
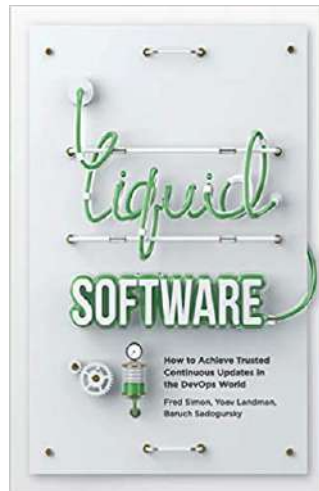
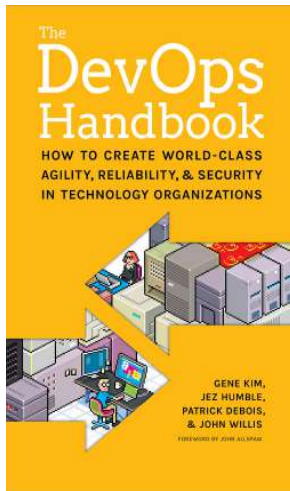
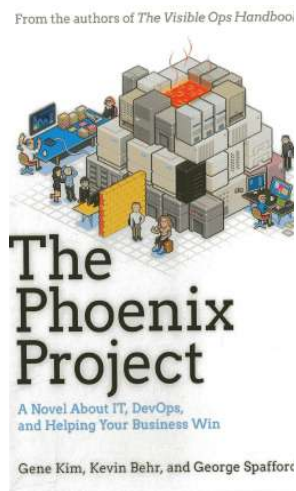
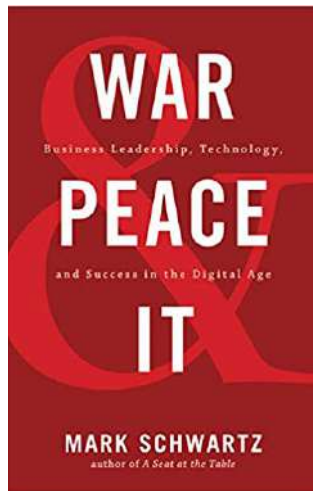
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LEARN, LEARN, AND LEARN!



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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 work with.

PLAY 1 hr 36 min

APR 20, 2020 · video

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

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 kubernect! and what's not! DevOp'ishRedHat

PLAY 1 hr 19 min

8 episodes

The podcast of the DevOps Speakeasy



DevOps'ish



ThoughtWorks

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YouTube search results for 'devopsdays'.

- DevOpsDays Austin 2019
 - IRE for Everyone: Making Tomorrow Better Than Today - 32:06
 - Denial 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
 - Confreaks - 3K views · 2 years ago
 - Continuous Delivery Sounds Great But It Won't Work Here by Jez Humble Since the Continuous Delivery book came out in 2016, it...
- DevOpsDays Vancouver 2019
 - DevOpsDays Vancouver
 - DevOpsDaysVVR 2019 Talk: 1 Quittance Ans Sensory Friendly Monitoring Keeping the Noise... - 26:28
 - DevOpsDaysVVR 2019 Talk: 2 Nean Haramani Resilience Engineering - 31:29
 - VIEW FULL PLAYLIST
- DevOps Days 2019
 - DevOps Days Toronto
 - Emily Freeman, Drafting Success - DevOps Days Toronto 2019 Day 1 Keynote - 28:21
 - Courtney Eckhardt: How to Have an Operational Incident - DevOps Days Toronto 2019 Day 1 Se... - 30:25
 - VIEW FULL PLAYLIST
- DevOpsDays Seattle 2019
 - DevOpsDays Seattle
 - DevOpsDays Seattle 2019: Thriving Through Transitions by Jeffrey Snow - 43:15
 - DevOpsDays Seattle 2019: Expand Contact Pattern for Continuous Delivery of Databases by L... - 19:10
 - VIEW FULL PLAYLIST
- DevOpsDays NYC 2020
 - Confreaks
 - devopsdaysNYC 2020 - Day 1 - Welcome - 11:23
 - devopsdaysNYC 2020 - Day 1 - Janna B. Dogan - Are you ready for production? - 20:19
 - VIEW FULL PLAYLIST

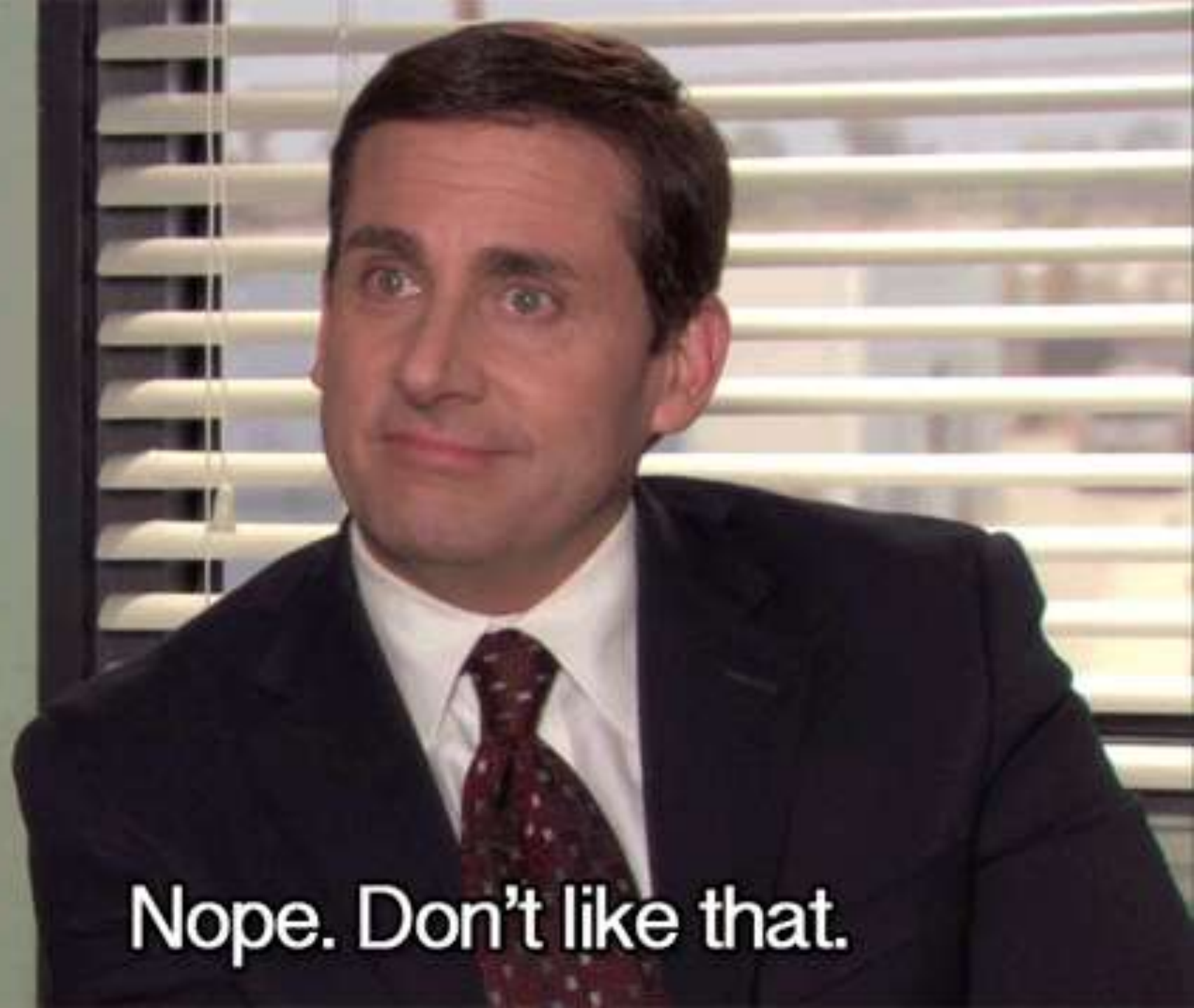


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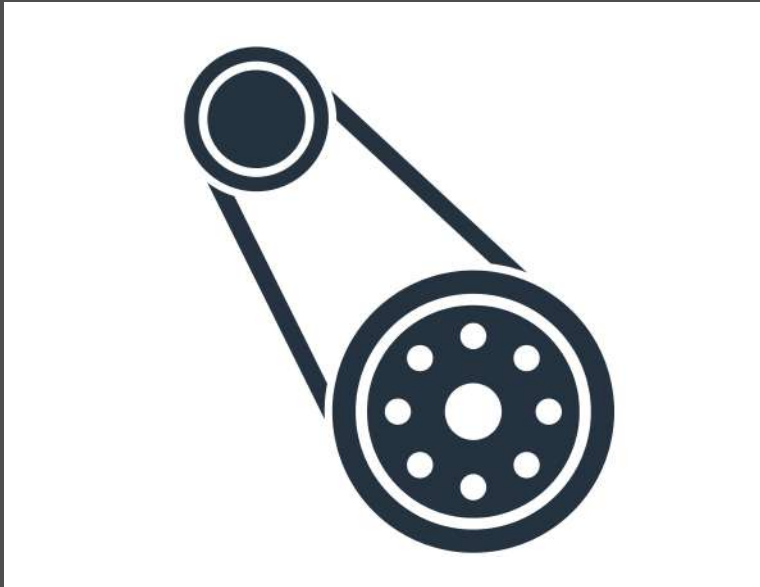
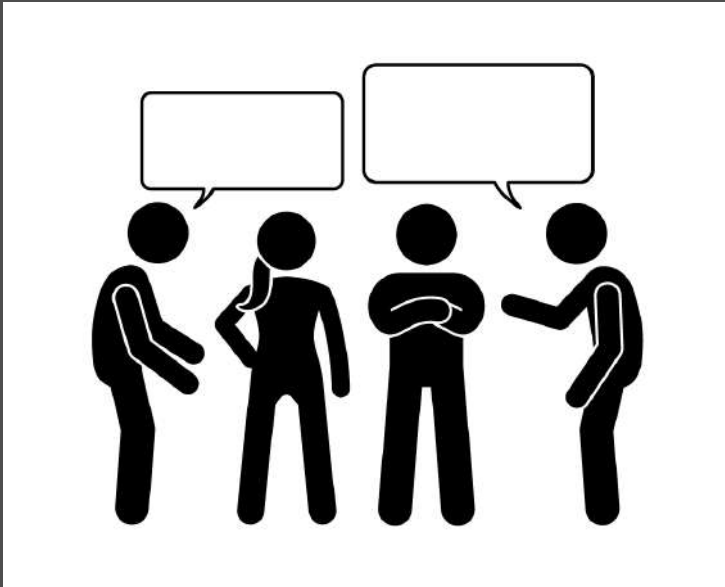
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Nope. Don't like that.



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*"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

FOURTH EDITION BY AARON LEVIE, COO, AND DAN LEVIN, COO, FOX, INC.

INFLUENCE *WITHOUT* AUTHORITY

THIRD EDITION OF THE MANAGEMENT CLASSIC

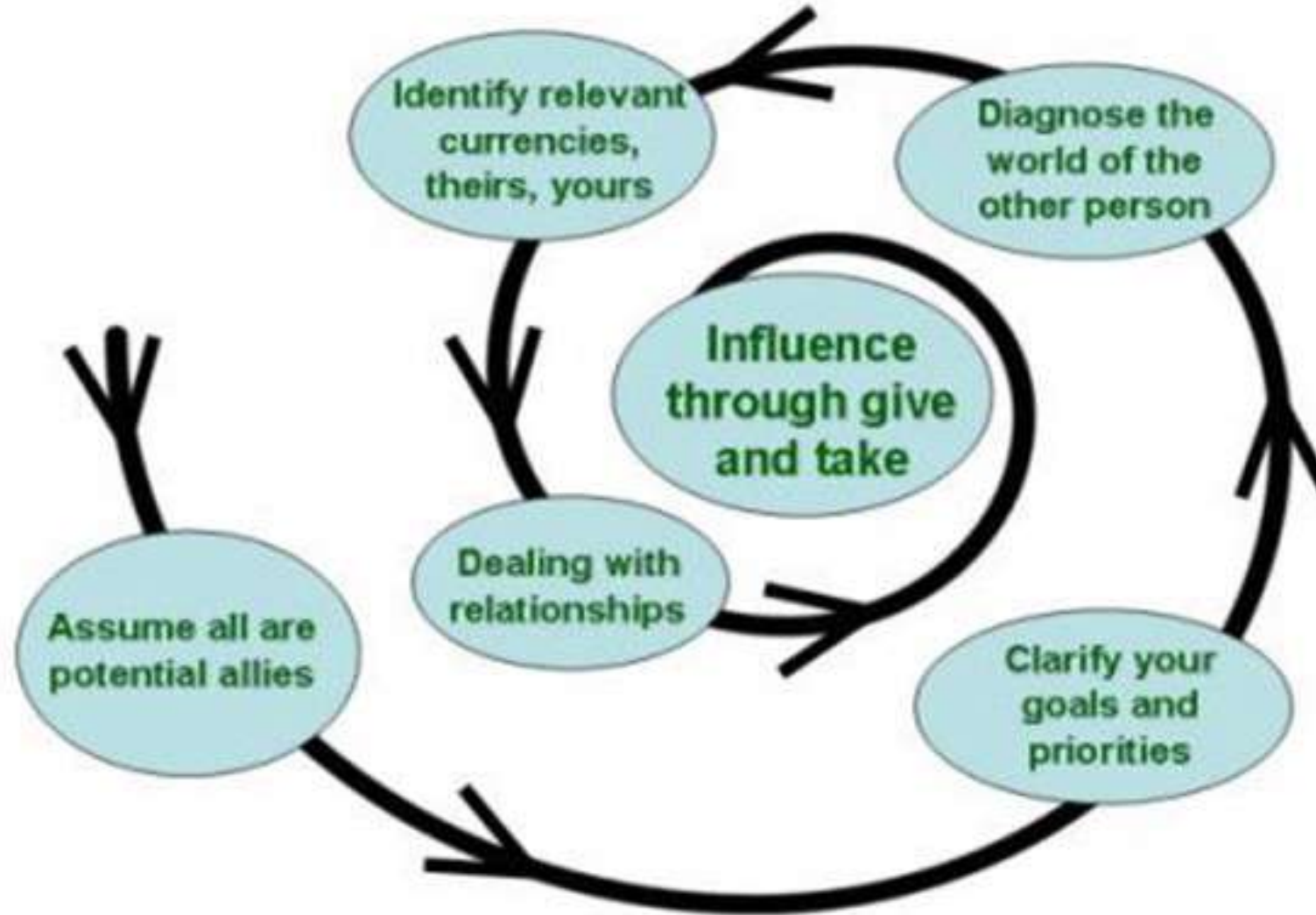
GET WORK DONE IN TODAY'S ORGANIZATIONS

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!









The passionate, functional, micro-serviced approach



Expert

Resumé Driven Development

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ONLY?
@ligotrik

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“Provocative and fascinating.” —MALCOLM GLADWELL

Daniel H. Pink

author of *A Whole New Mind*

DRiVE

The Surprising Truth
About What Motivates Us

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

AUTONOMY
MASTERY
PURPOSE



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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

walk me



How am I
measured?

What happens
outside of work

My education

What my boss
expects from me?

Organizational
culture

Will I enjoy doing
it?

How busy I am

Where my career
stands

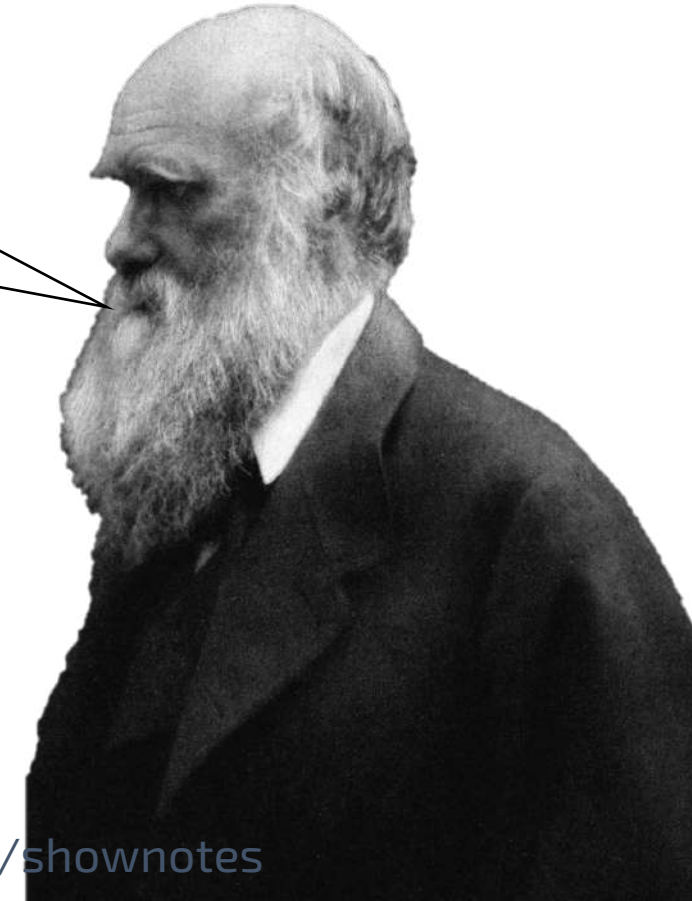
How I think my
peers will react



The Cohen-Bradford IWA Model



Evolutionary
Pressure!





The passionate, functional, micro-serviced approach



Expert

Resumé Driven Development

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The Cohen-Bradford IWA Model



PERFORMANCE METRICS



SOFTWARE DEVELOPMENT

Lead Time



SOFTWARE DEPLOYMENT

Change Fail



SERVICE OPERATION

Availability

Deployment Frequency

Time to Restore

FOUR KEY METRICS

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Aspect of Software Delivery Performance*	Elite	High	Medium	Low
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WHERE TO LOOK FOR CLUES



OKRS

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BACKLOGS

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PRESENTATIONS

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SOCIALIZING

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DEVELOPERS



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MASTERY

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PURPOSE

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FEAR

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TESTERS



AUTONOMY

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MASTERY

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PURPOSE

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FEAR

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OPS



AUTONOMY

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MASTERY

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PURPOSE

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FEAR

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SECURITY



AUTONOMY

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MASTERY

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PURPOSE

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FEAR

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PRODUCT



AUTONOMY

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MASTERY

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PURPOSE

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FEAR

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Dev

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Ops

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QA

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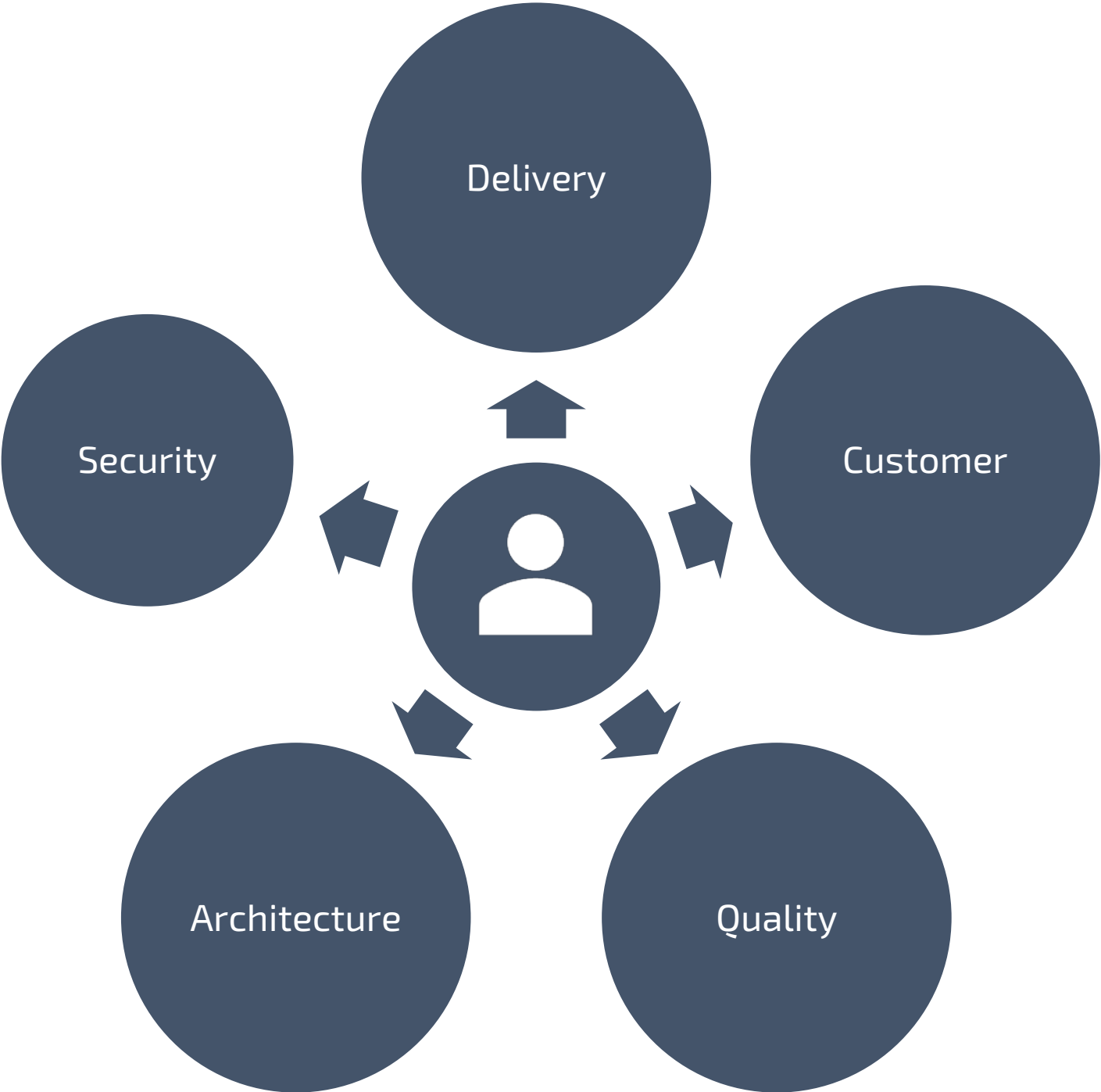


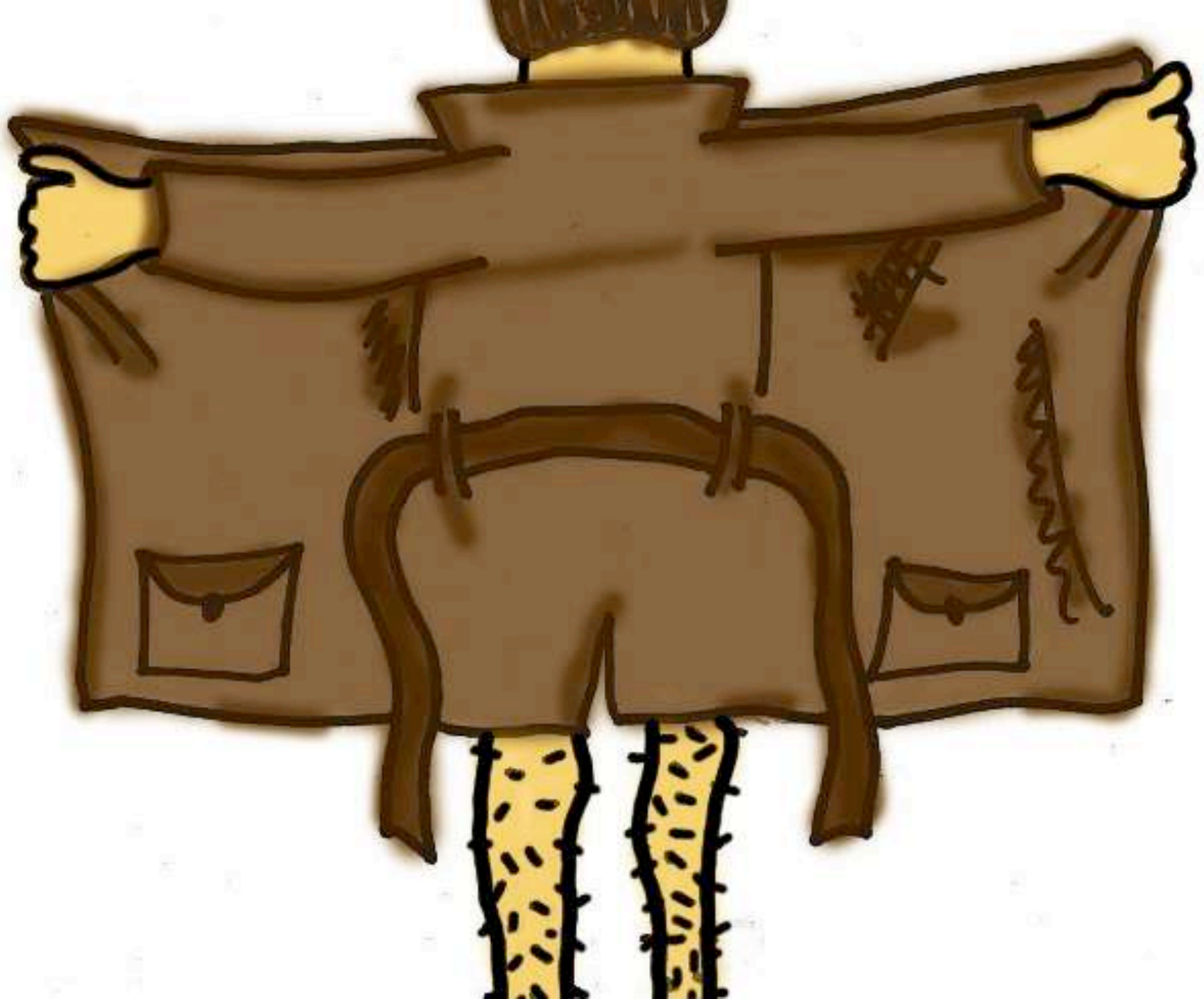
Security

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Product







The Cohen-Bradford IWA Model



TYPES OF CURRENCIES



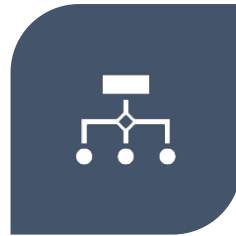
INSPIRATION
RELATED

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TASK RELATED

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POSITION
RELATED

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RELATIONSHIP
RELATED

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PERSON
RELATED



HEY, DUDE

COME TO OUR HACKATON!



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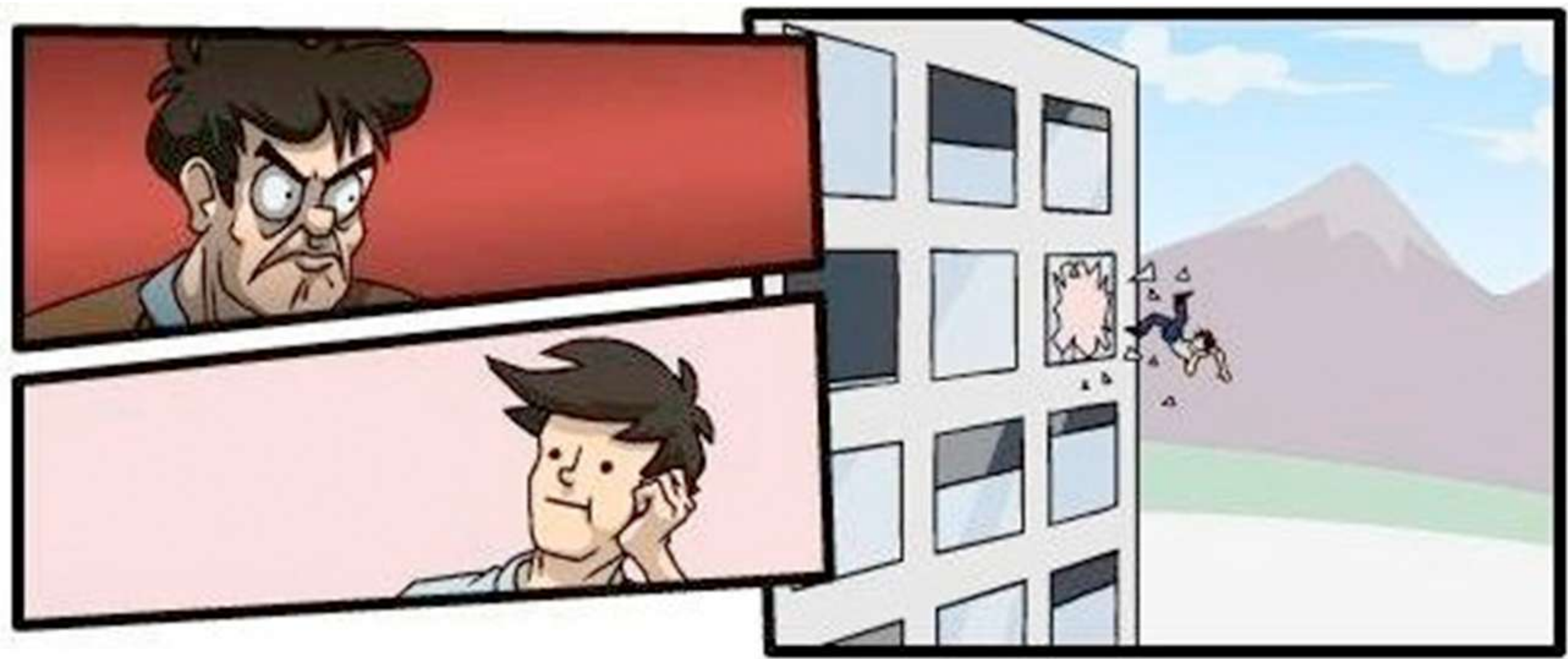
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The Cohen-Bradford IWA Model



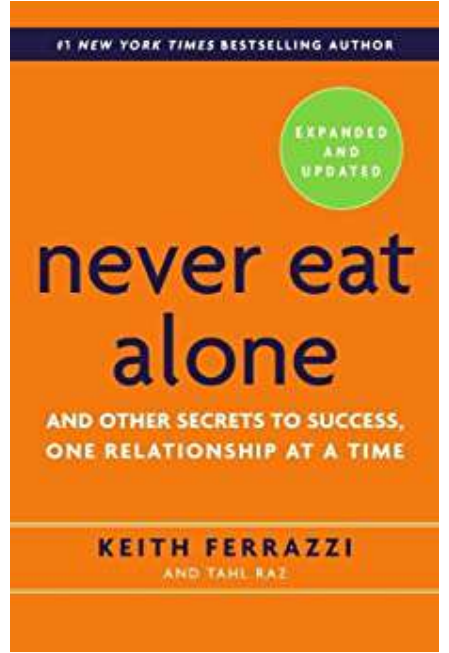
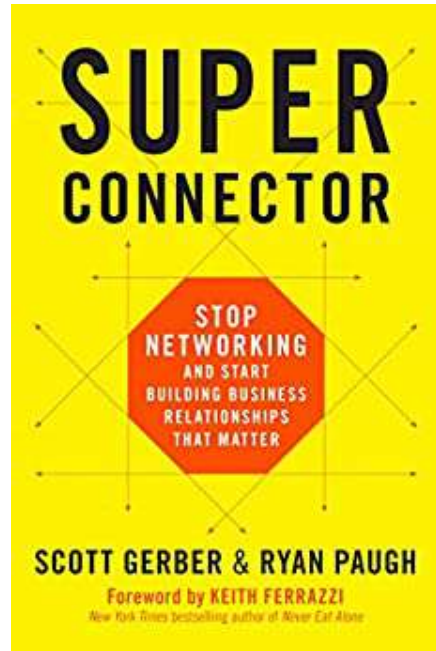
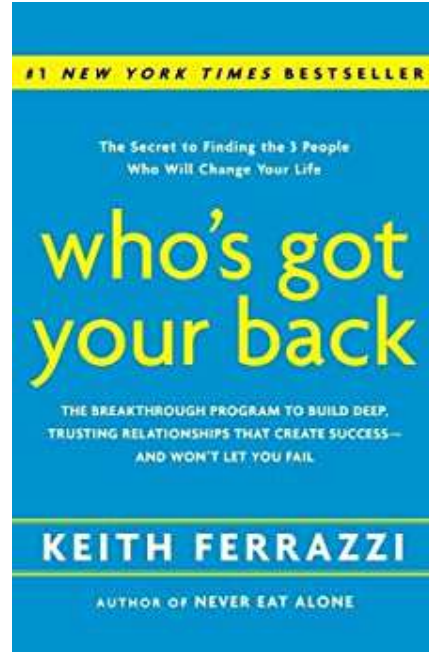
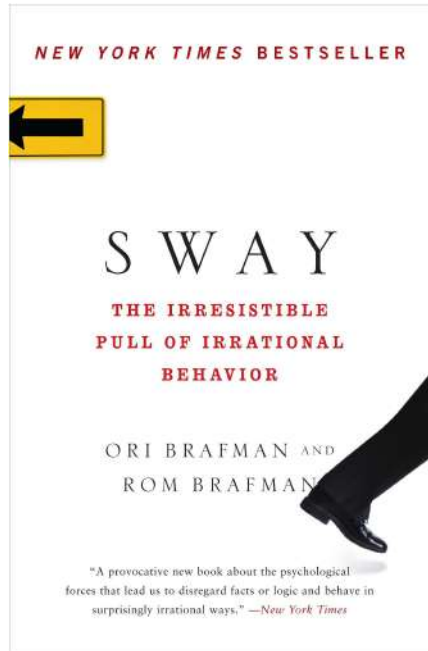
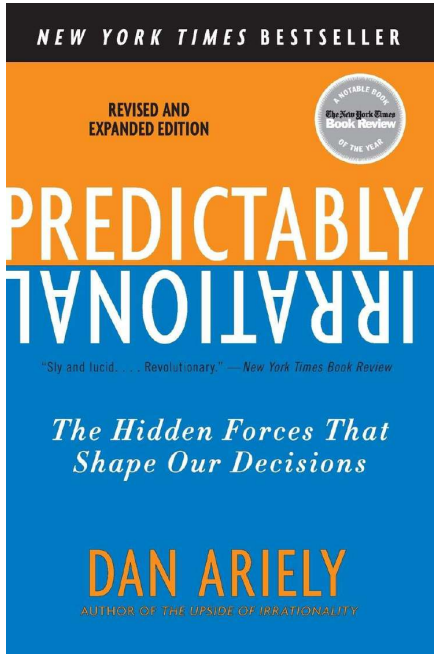


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The Cohen-Bradford IWA Model



quiddity /kwɪd-ɪ-ti/

the essential nature of a thing

– ORIGIN Latin *quidditas*

quid pro quo /kwɪd prɒ-
quos) a favour or
for something.

– ORIGIN Latin, 'something
thing'.

quiescent /kwi-ess-uh-
or period of inactivity

TYPES OF EXCHANGE



INTEREST
ALIGNMENT

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BARTER

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OWE A FAVOR

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CALL IN A
FAVOR

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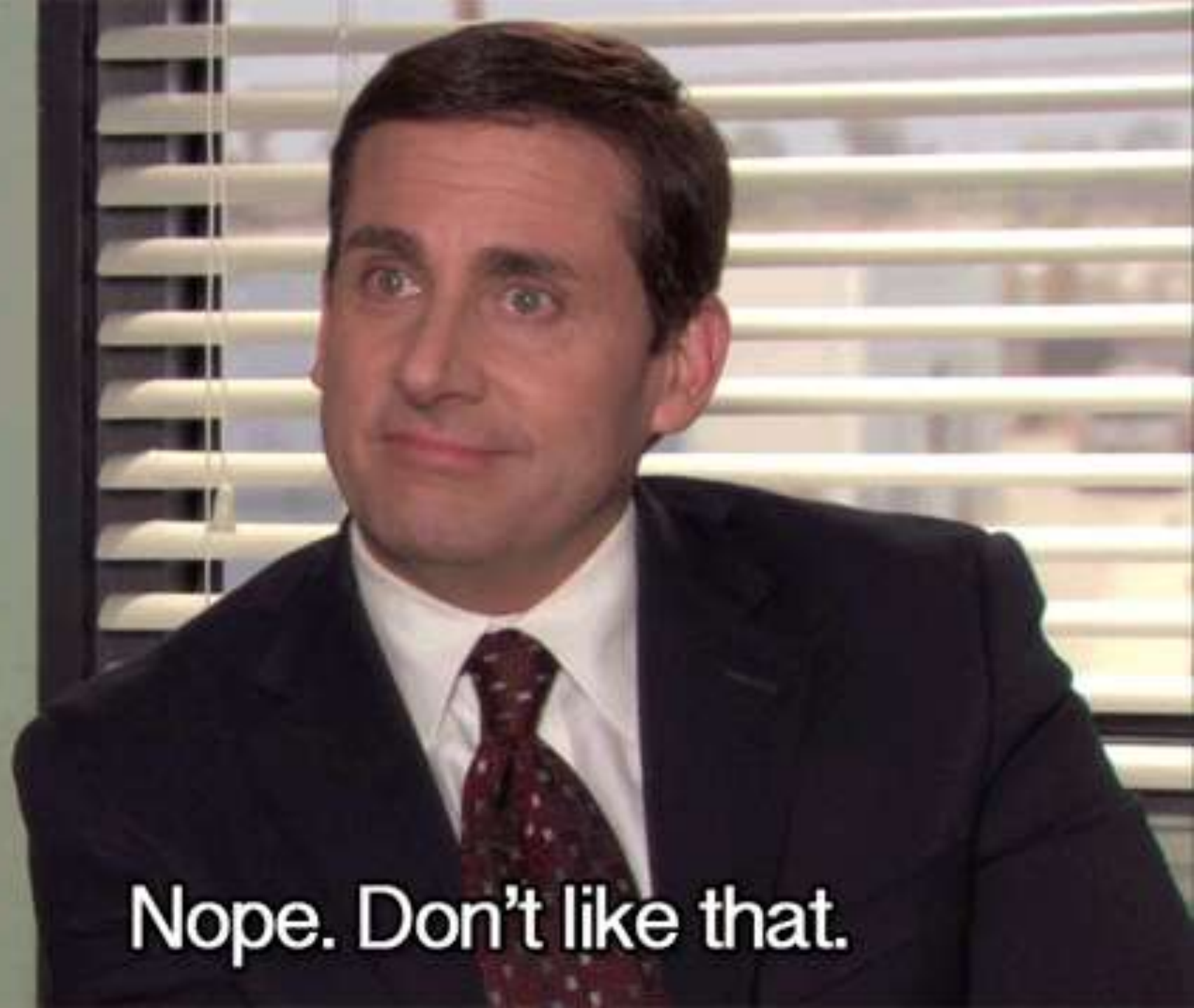
THE END.

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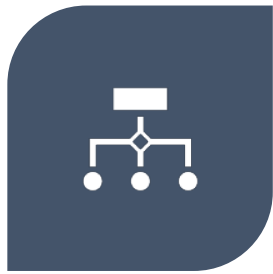
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Nope. Don't like that.

BARRIERS TO INFLUENCE: EXTERNAL



POWER
DIFFERENTIAL

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DIFFERENT
GOALS

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INCOMPATIBLE
MEASUREMENTS

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RIVALRY

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BARRIERS TO INFLUENCE: INTERNAL



LACK OF
EXPERIENCE

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BLINDING
ATTITUDE

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FEAR OF FAILING

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FEAR OF
REACTION

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**BEST
ALTERNATIVE
TO
NEGOTIATED
AGREEMENT**





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SHOT

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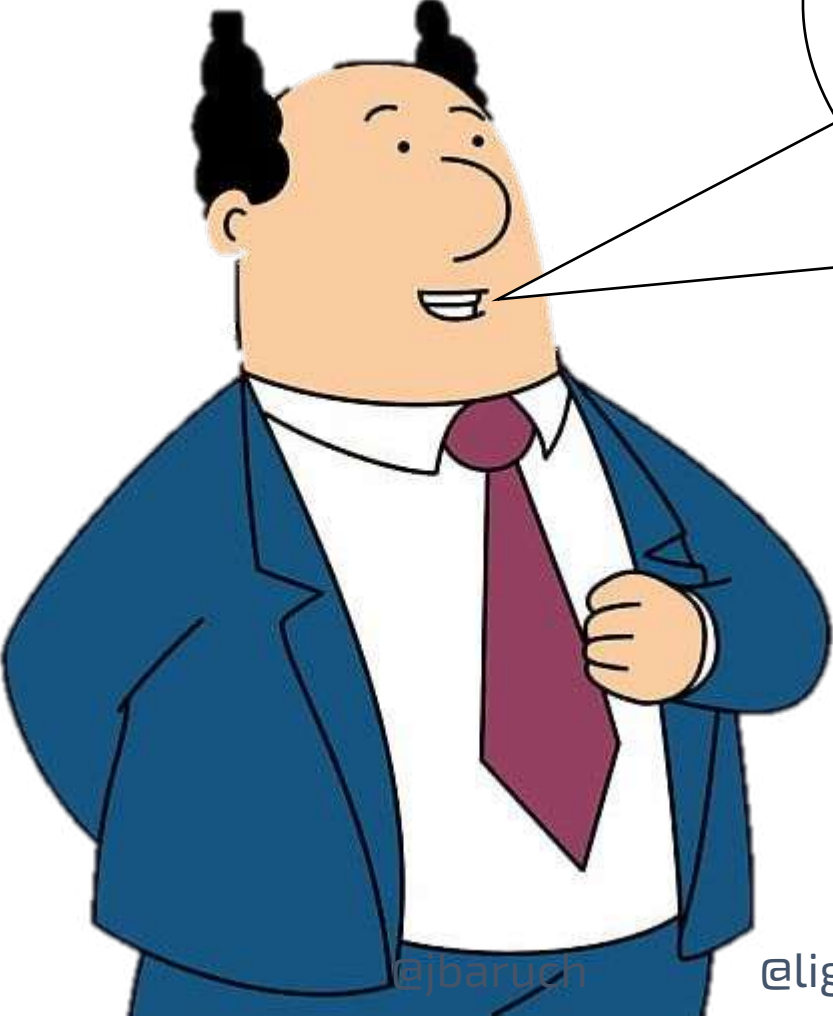
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On-call! is not
my job!



DEVOPS FOR DEVELOPERS
... OR MAYBE AGAINST THEM?!






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?

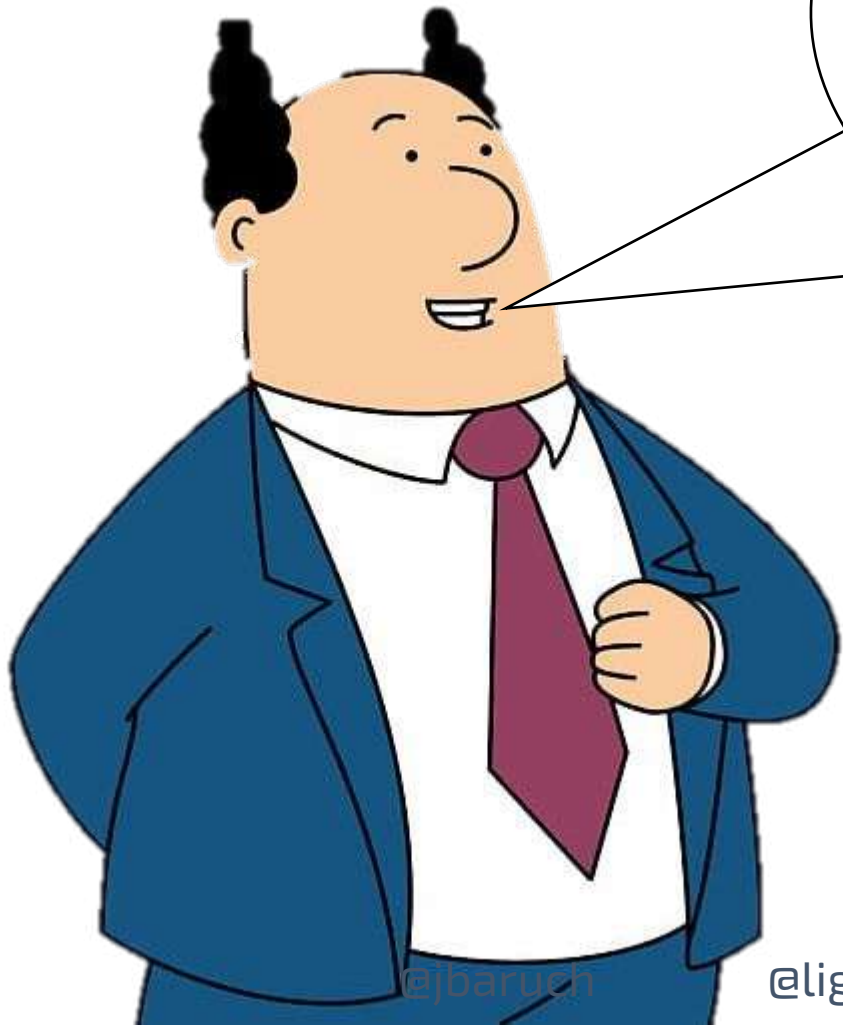
By [John Leyden](#) 26 Sep 2017 at 15:35

43  SHARE ▼

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.

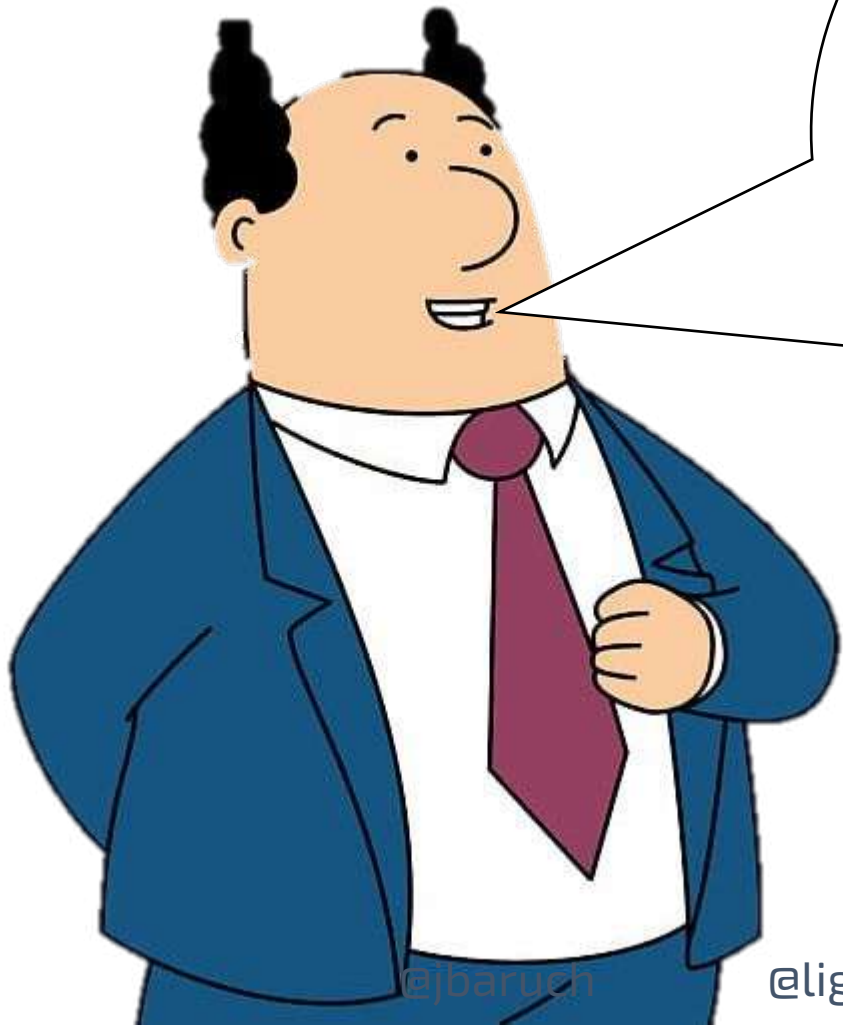
Smith will not collect his annual bonus, according to his [agreement](#) with Equifax. He will be on hand for the next 90



No time!
Everybody are
over!oaded!



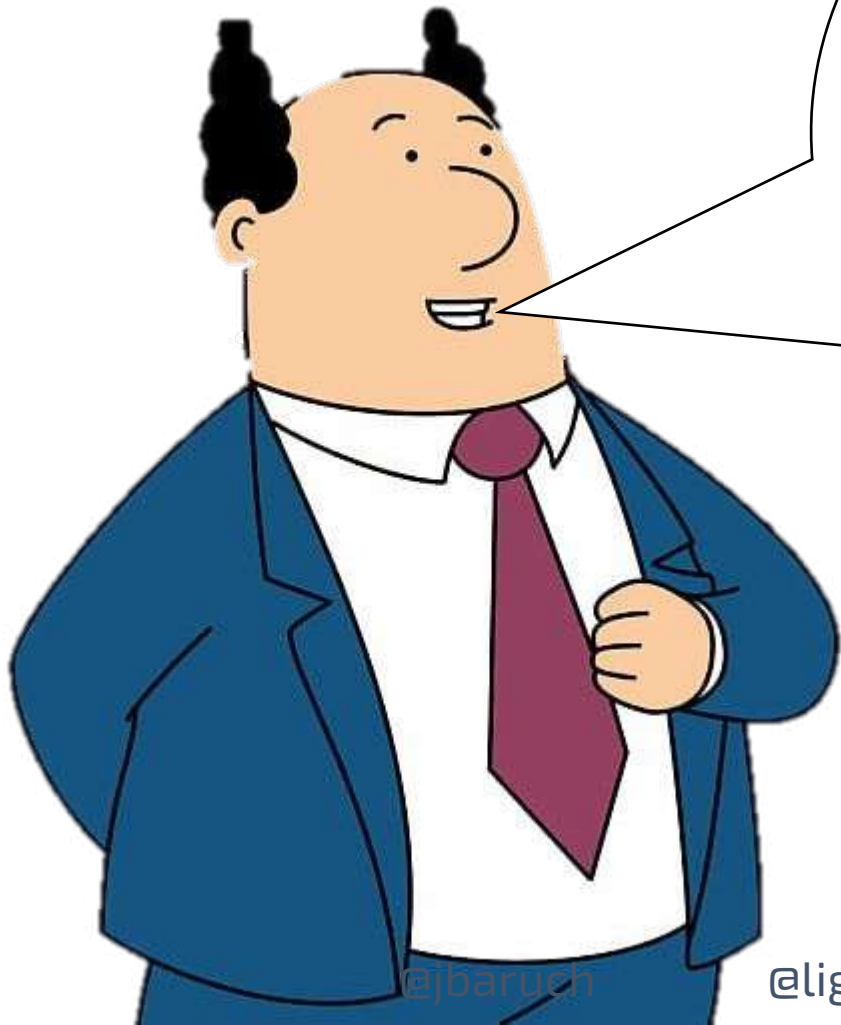
No time!
Everybody are
over!oaded!



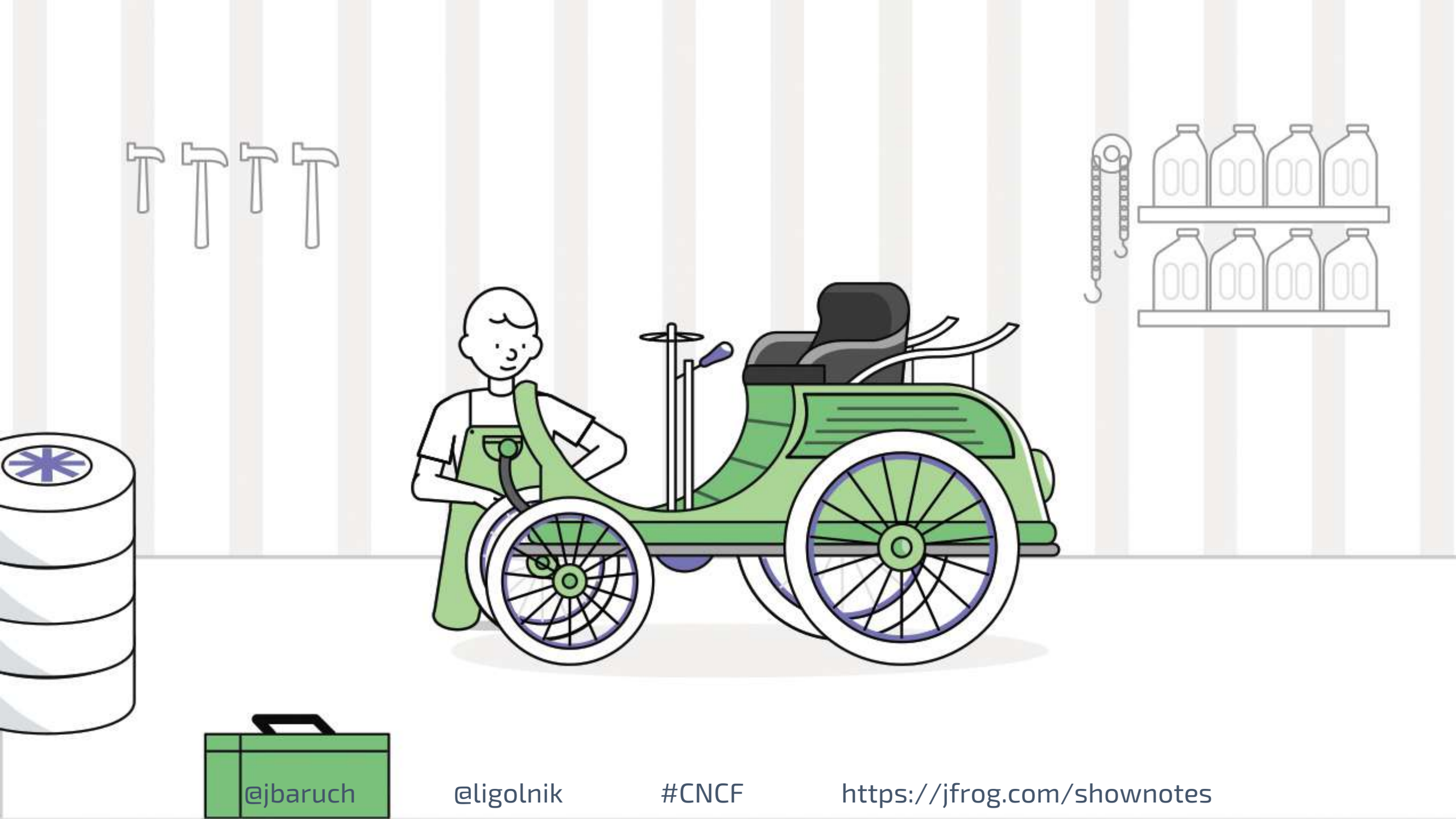
Si!os are good,
they promote
specia!ization!



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

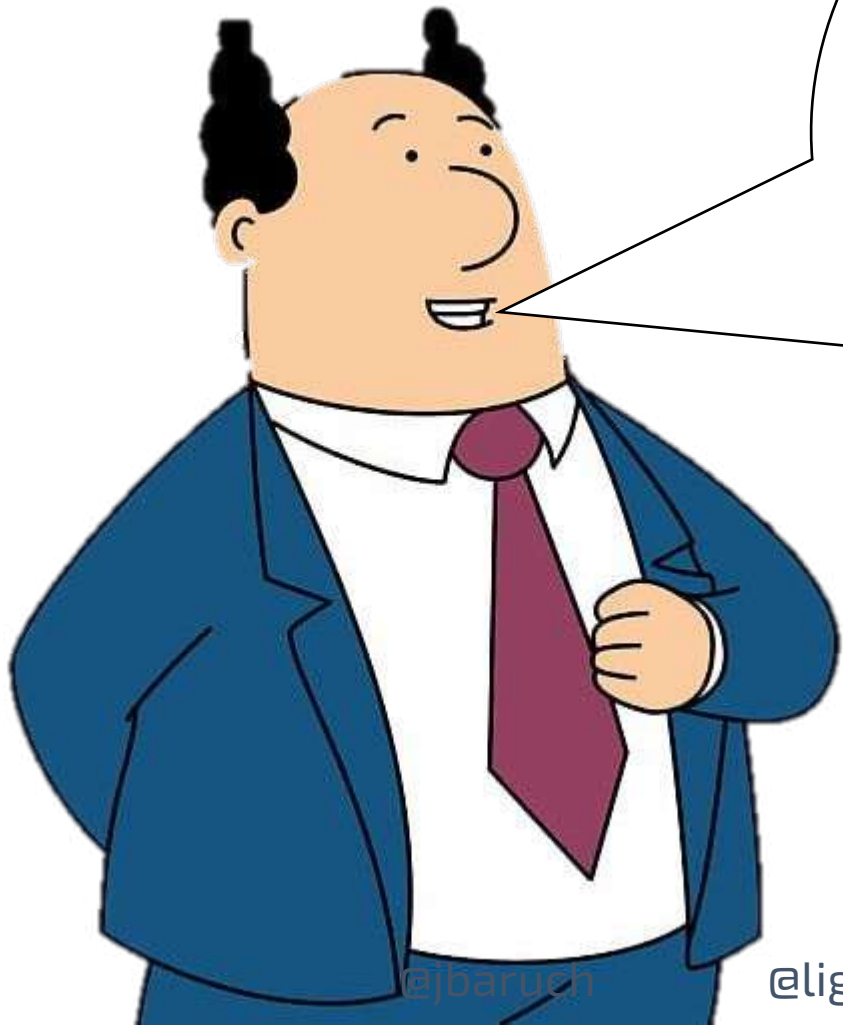


@jbaruch

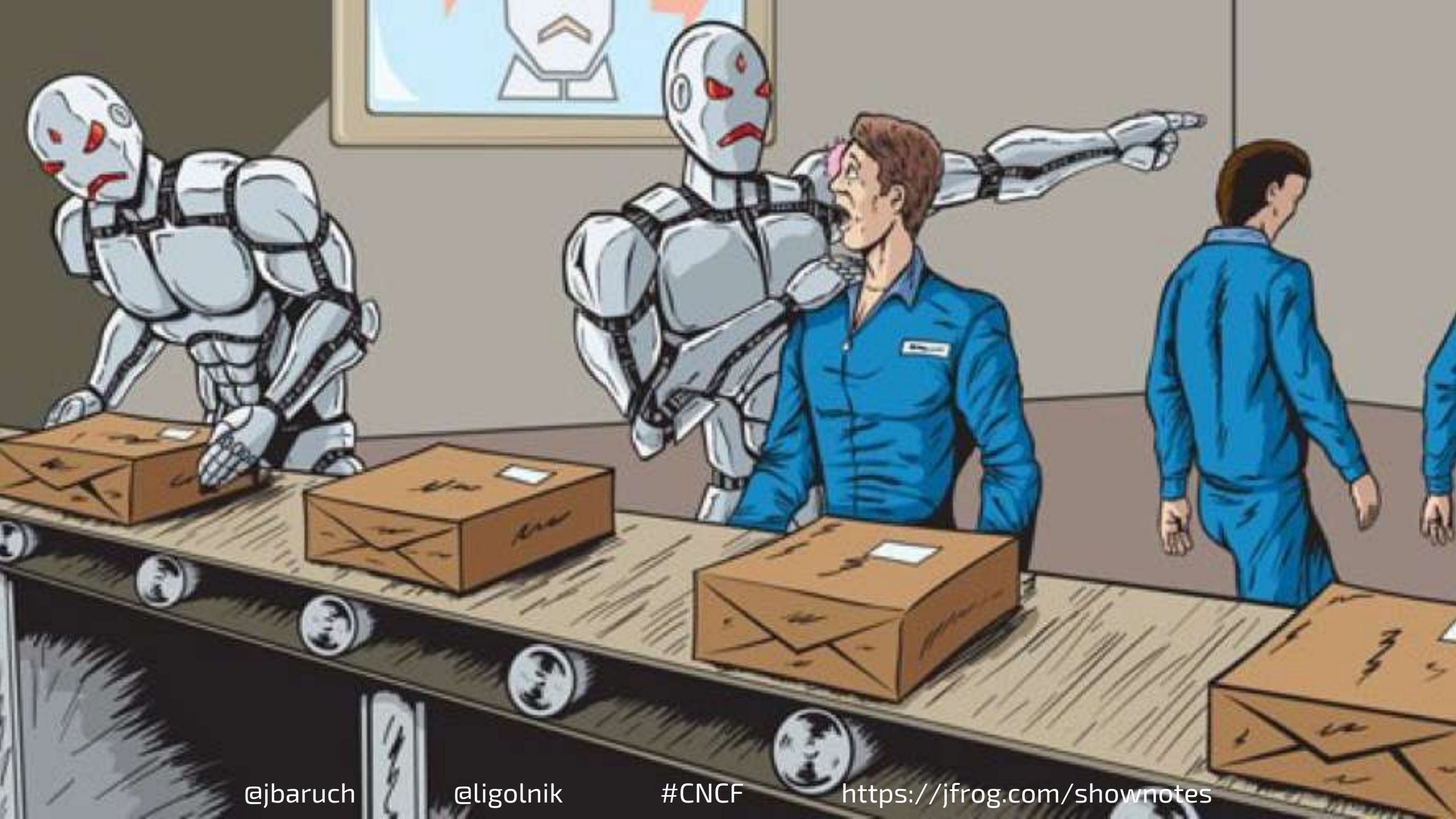
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We can't release
faster; we need
to check for
{concern of
the day}



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The Cohen-Bradford IWA Model



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