

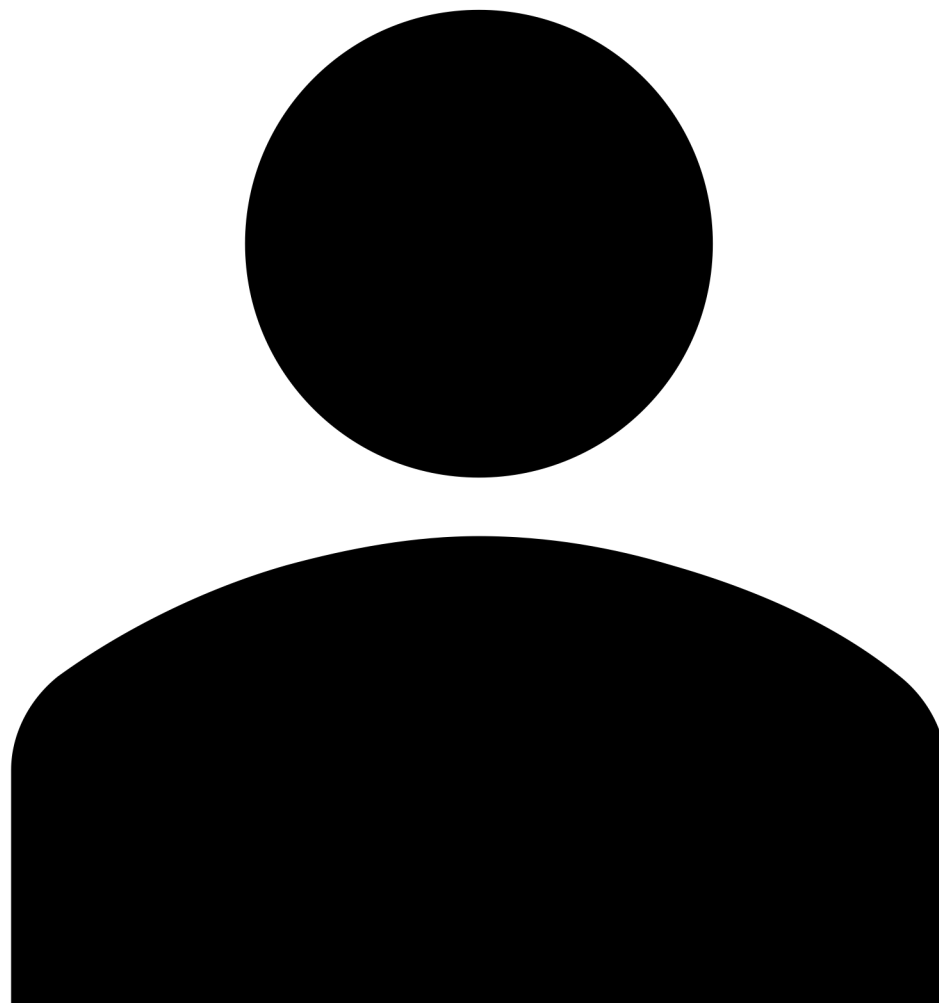
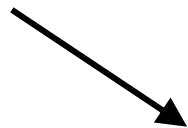
OLD MAN YELLS AT DEVOPS



УСТРАИВАЕМ DEVOPS БЕЗ ПОЛНОМОЧИЙ

Даже «DevOps-инженер» может
помочь (всего за 126 слайдов)

Это Вася





Вася

Старший Системный
Администратор

+7 555 324 5322

vasya@svechnoyzavod.su

У ВАСИ ПРОБЛЕМА



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

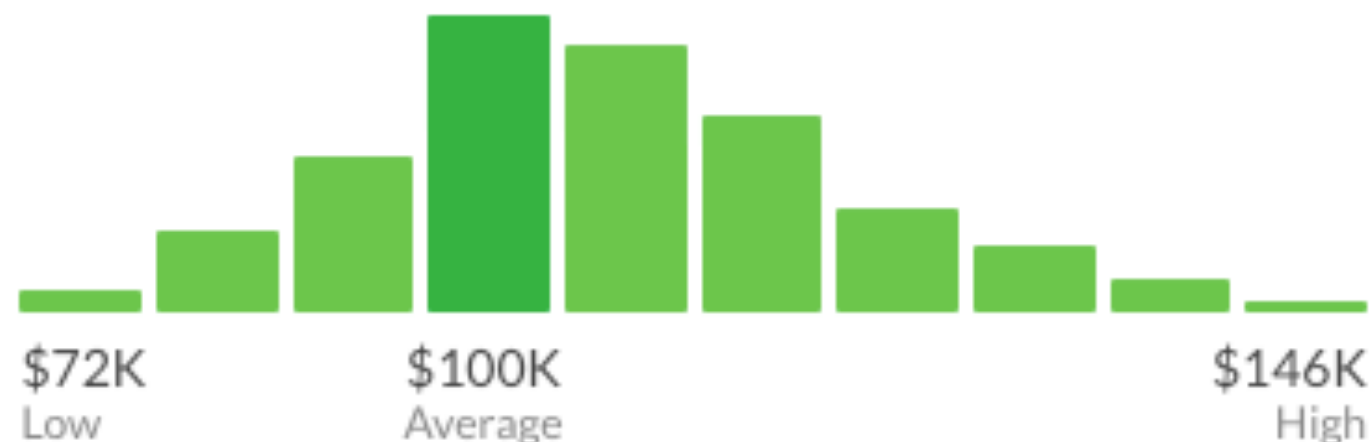


Years of Experience



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](#)



Вася

Старший ДевОпс Инженер

+7 555 541 4722

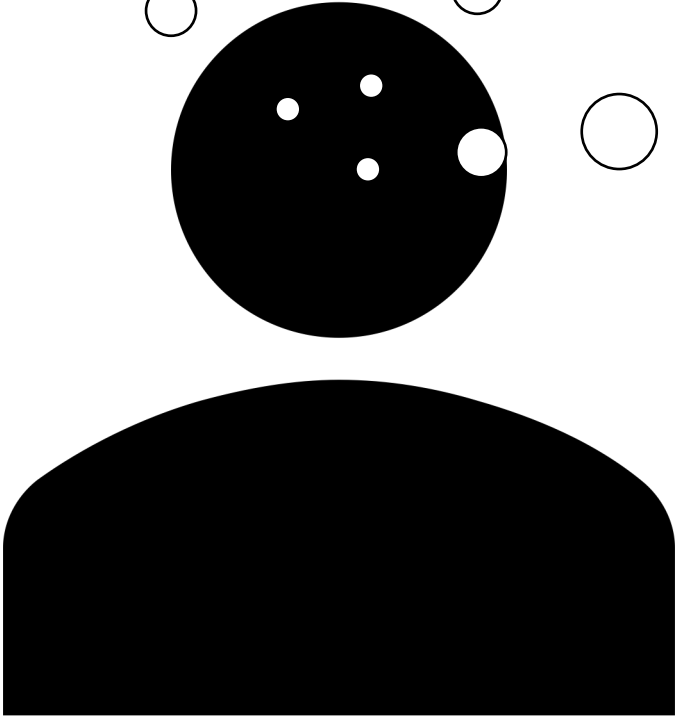
vasya@myasokombinat.su

УСТАНОВИТЬ ДЖЕНКИНС НА ДЕСКТОП ПОД СТОЛОМ

УСТРОИТЬ ДЕВОПС У СЕБЯ В ДЕВОПС ОТДЕЛЕ

У ВАСИ ВСЁ
ТА-ЖЕ
ПРОБЛЕМА



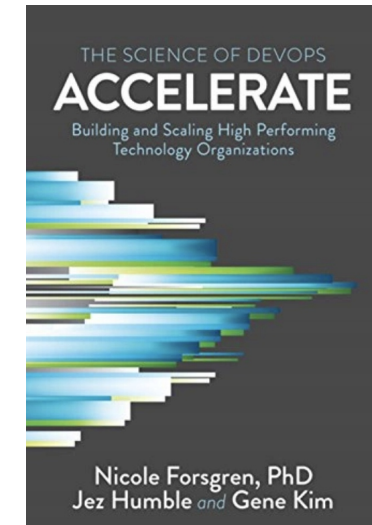
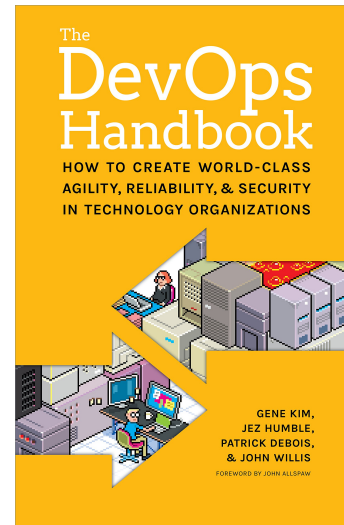
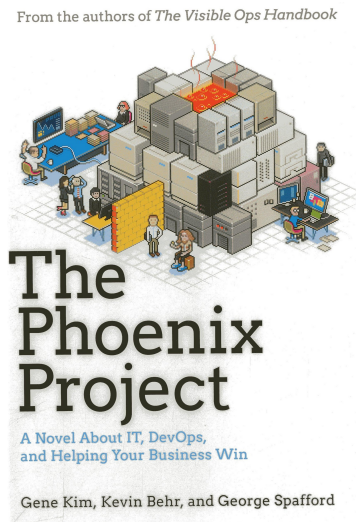


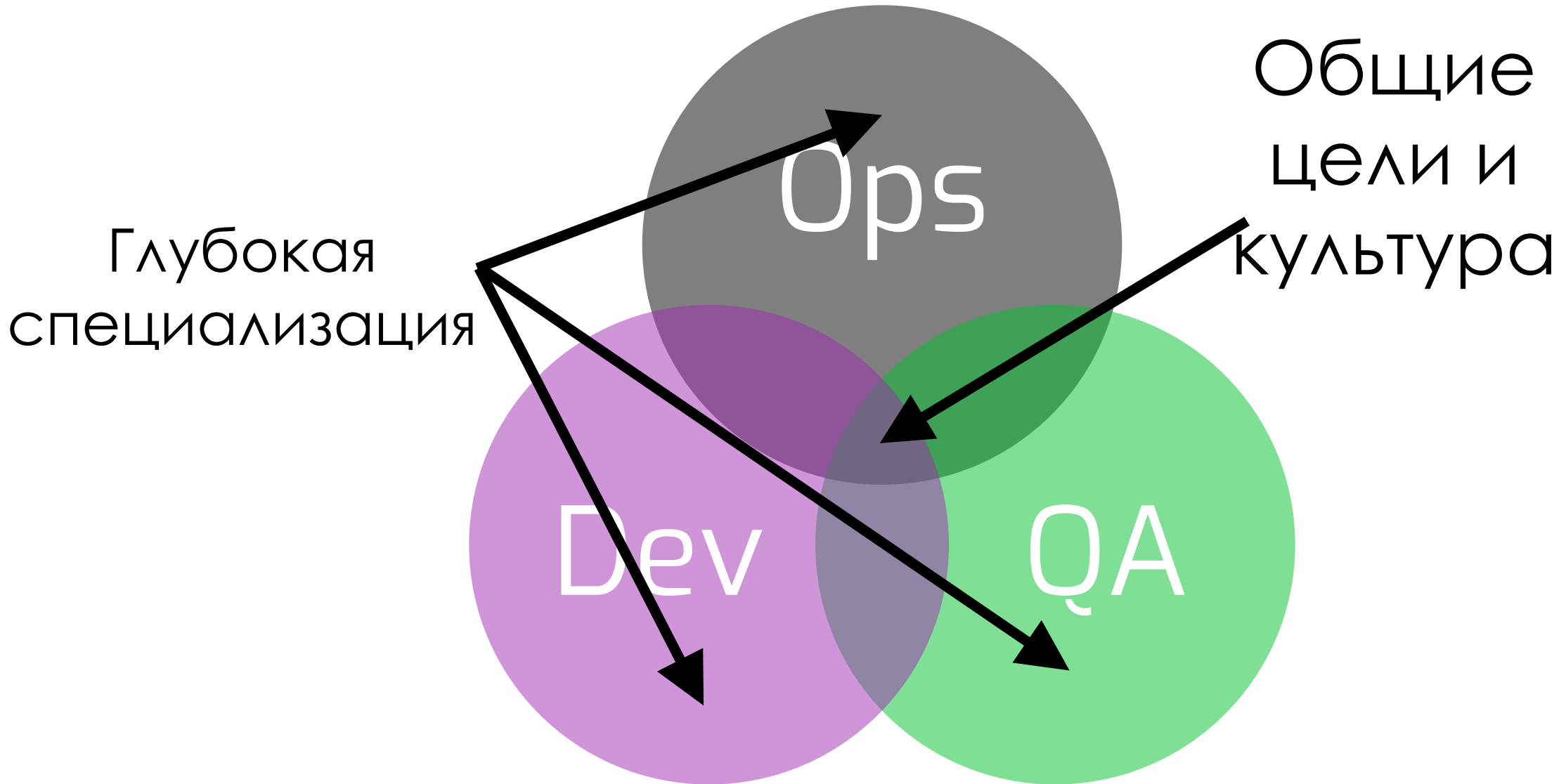
Нужно
взаимодействие
между Dev и
DevOps...

Я назову это...
DevDevOps!

\$\$\$

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]}





ACCELERATE

State of DevOps

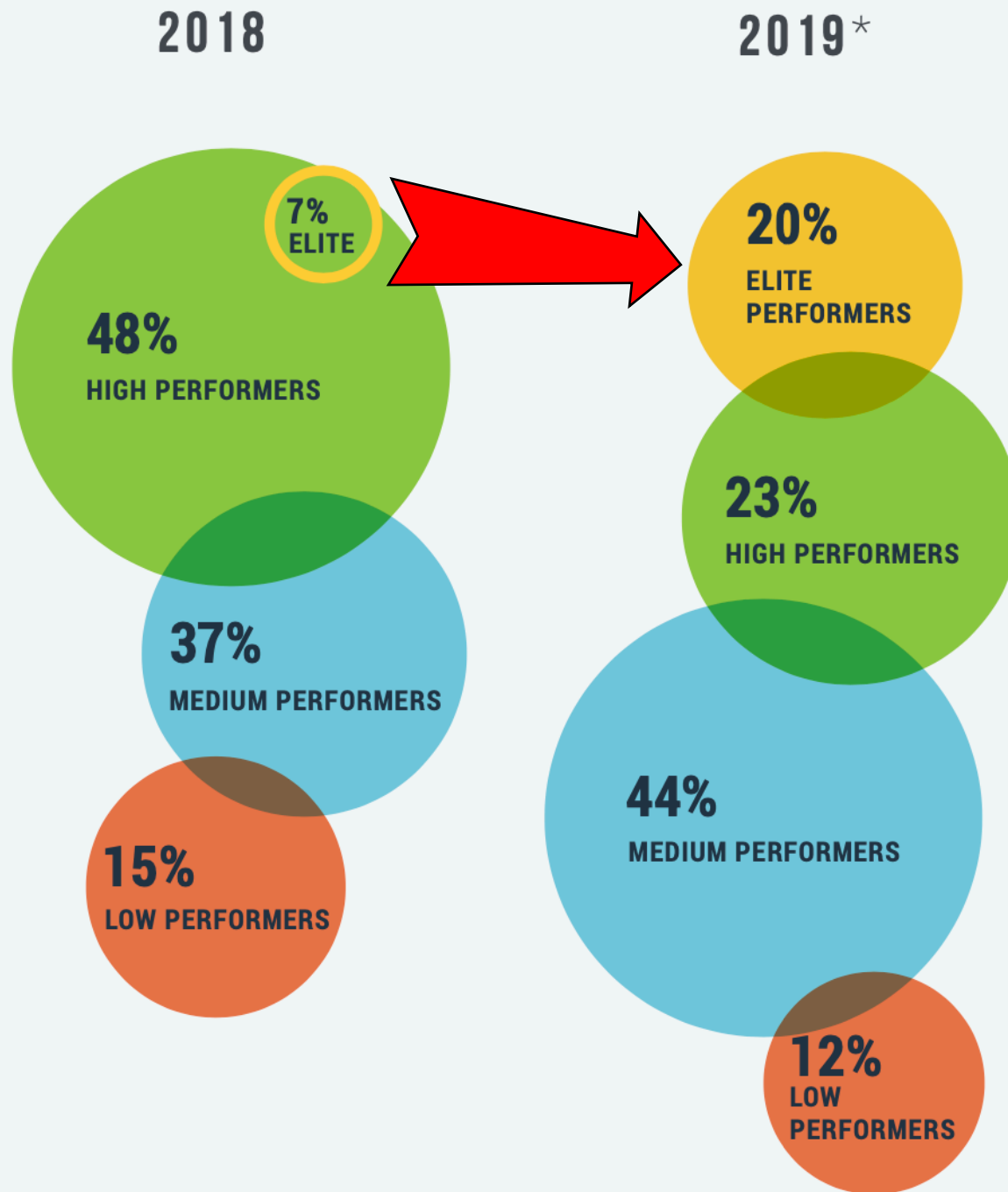
2019



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





КТО МЫ ТАКИЕ?



КЛИЕНТЫ!



ЧЕГО МЫ ХОТИМ?



НОВЫХ ФИЧ!



ЧЕГО МЫ ХОТИМ?



НОВЫХ ФИЧ!

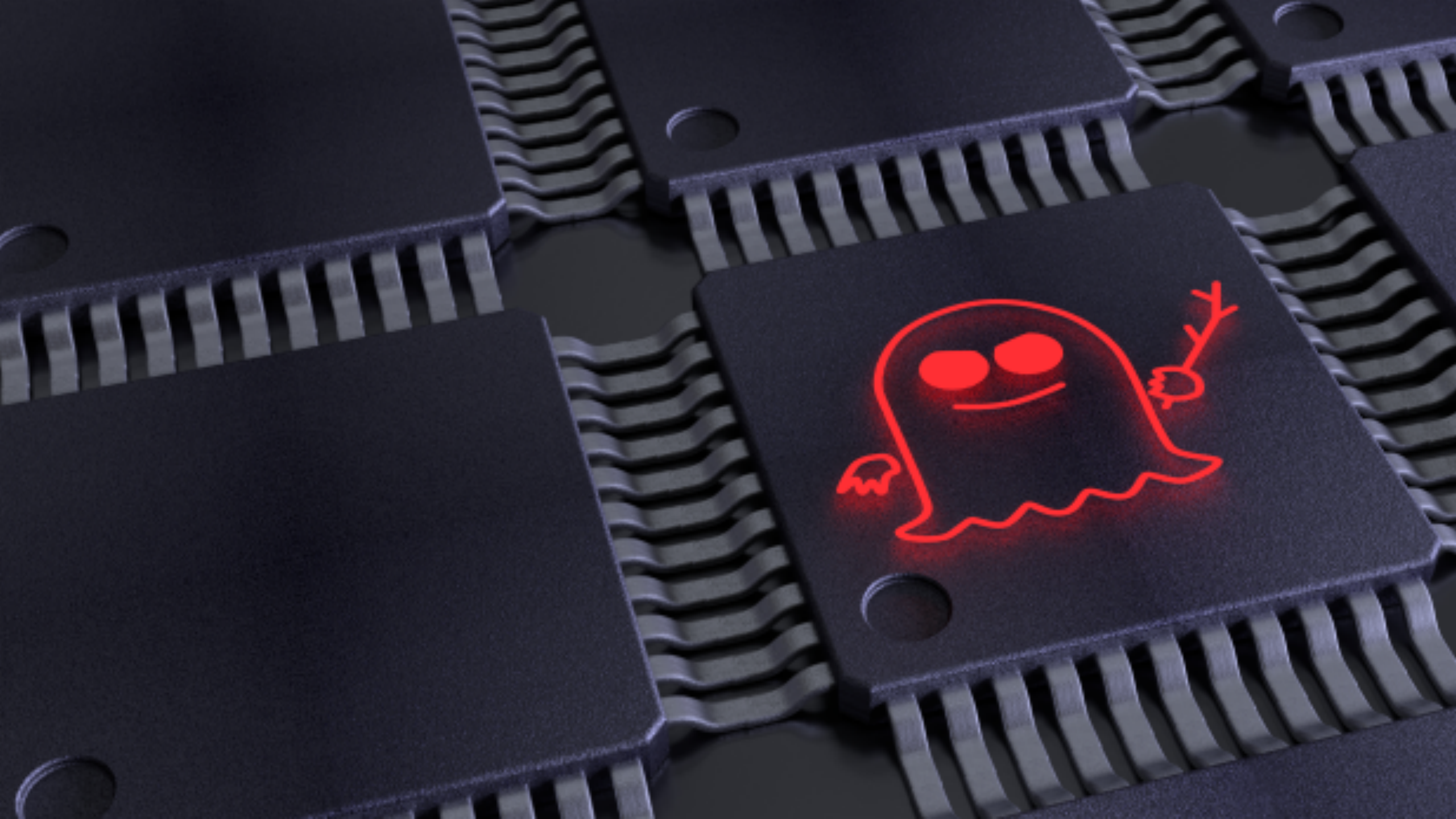


КОГДА МЫ ХОТИМ ИХ



СЕЙЧАС!







ОБНАРУЖИТЬ

ПОЧИНИТЬ

ЗАДЕПЛОИТЬ

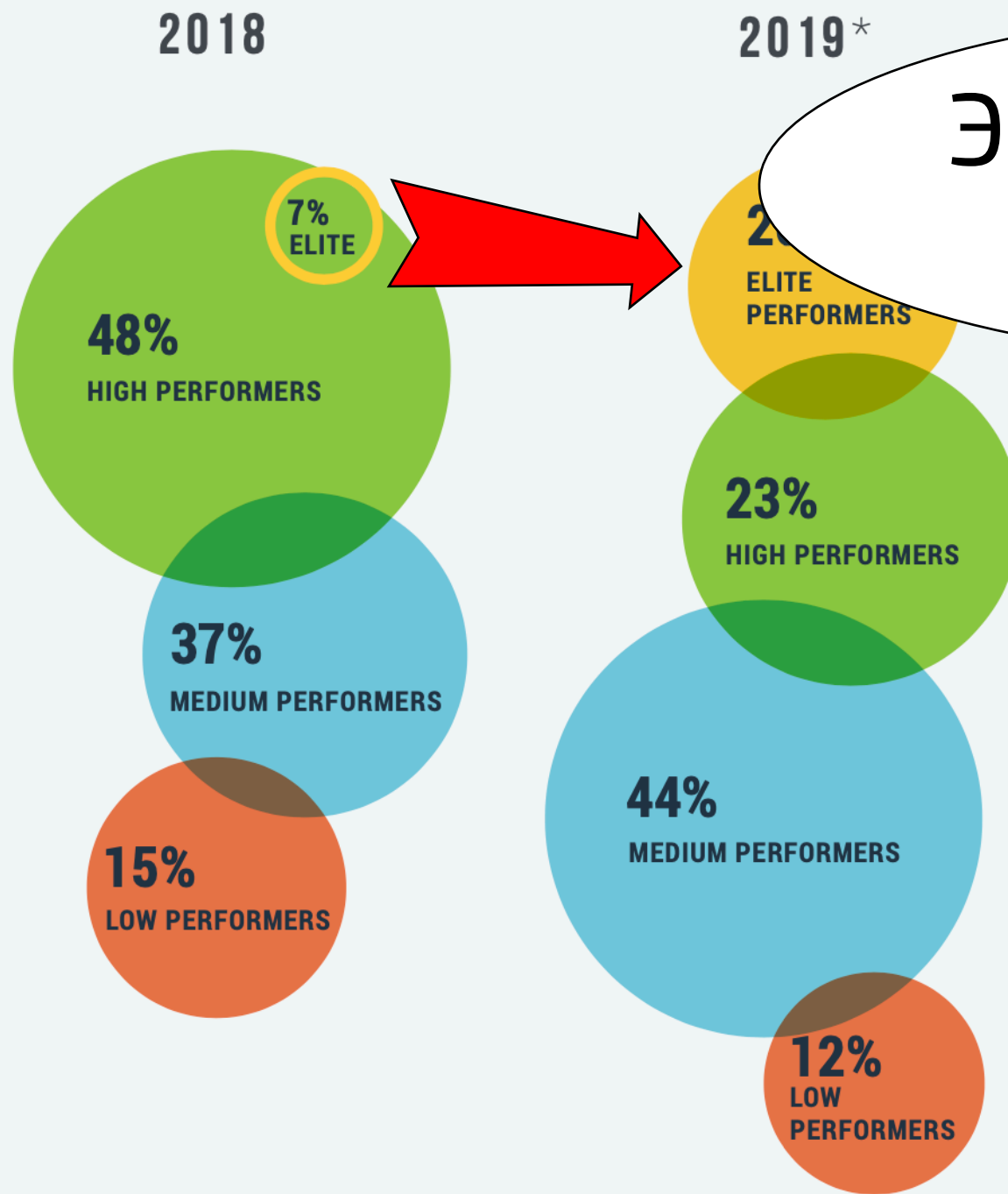
@jbaruch

@ligolnik

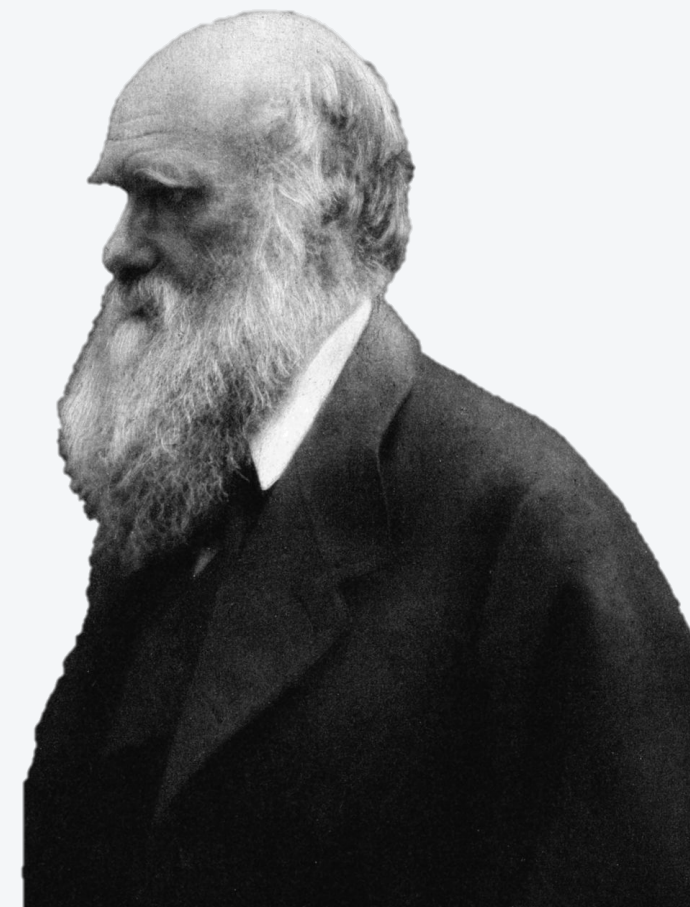
#DevOps

ACCELERATE

State of DevOps



Эволюционное
давление!











Типичный программист

@tproger

Follow



— Мы ускорились с релизами и теперь выпускаем новую версию каждый день.
— Хренасе. И как это у вас получилось?
— Да просто уволили всех тестировщиков.

Translate Tweet

7:01 AM - 27 Jun 2018

69 Retweets 280 Likes



2



69



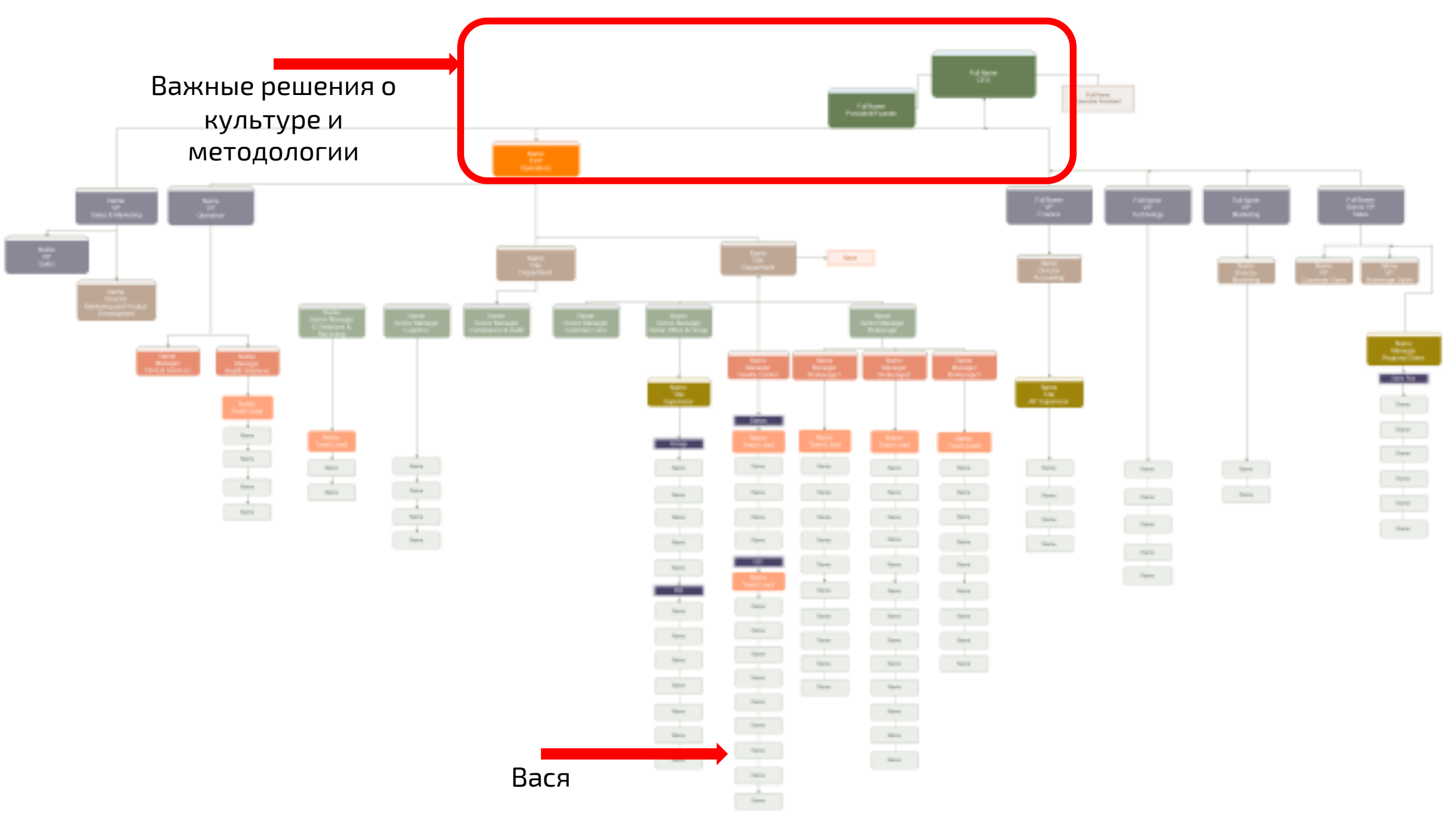
280







Важные решения о
культуре и
методологии



Вася

Вася всё понял!





**ТОТ САМЫЙ ДЯДЮШКА
БАРУХ!**

**ПРИХОДИТЕ, ДЕТИШКИ,
КО МНЕ В ТВИТТЕР
@JBARUCH**

@jbaruch

@ligolnik

#DevOops



ЛЕОНИД ИГОЛЬНИК

@ligolnik

SaaS Engineering leader

SignalFX, CA Technologies, Taleo

Angel investor

Mentor

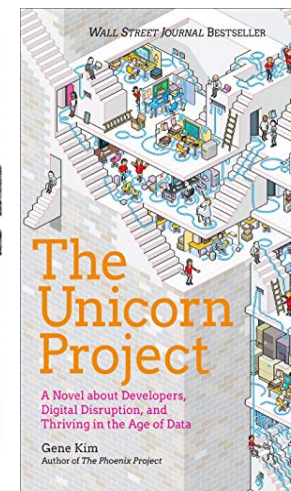
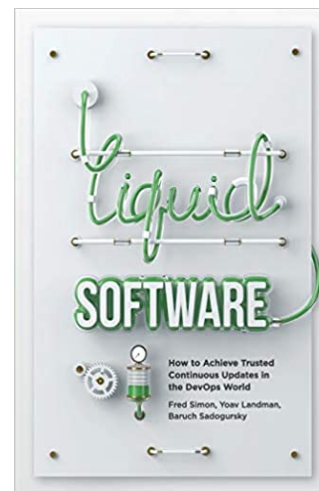
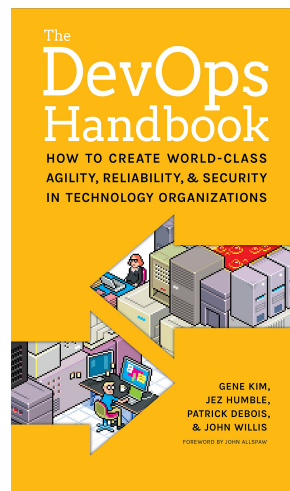
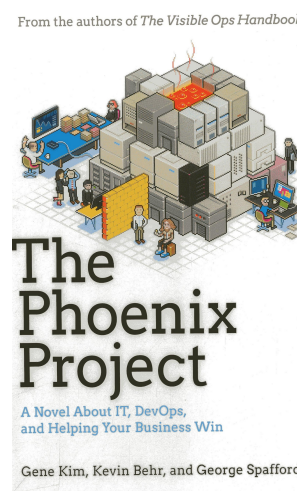
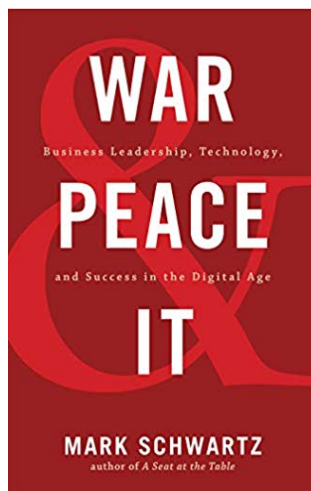
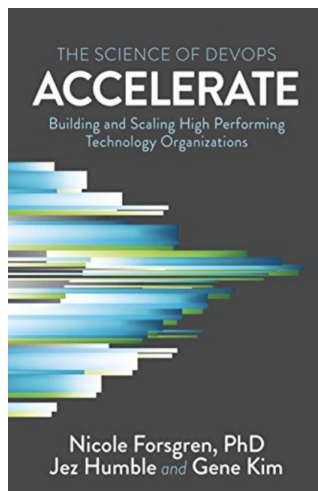
@jbaruch

@ligolnik

#DevOops






УЧИТЬСЯ, УЧИТЬСЯ, И УЧИТЬСЯ!




@jbaruch

@ligolnik

#DevOps

MaciPadiPhoneWatchTVMusicSupport

Apple Podcasts Preview




DevOps Speakeasy Podcast

devopsspeakeasy

Technology

Listen on Apple Podcasts ↗




8 episodes

The podcast of the DevOps Speakeasy

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 kubernets and what's not!DevOp'ishRedHat


PLAY 1 hr 19 min



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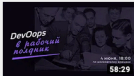
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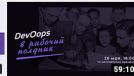
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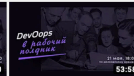
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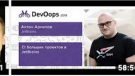
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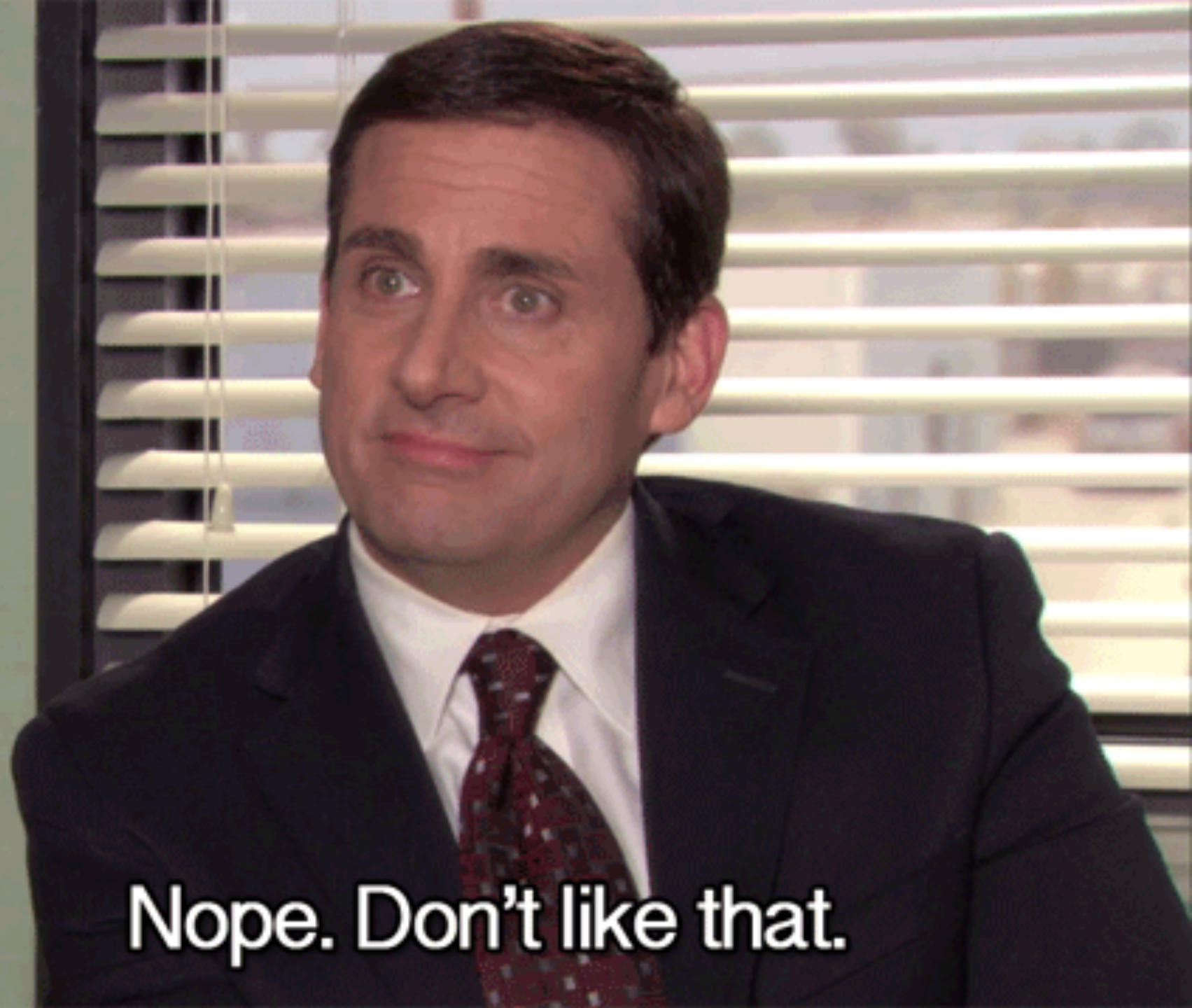
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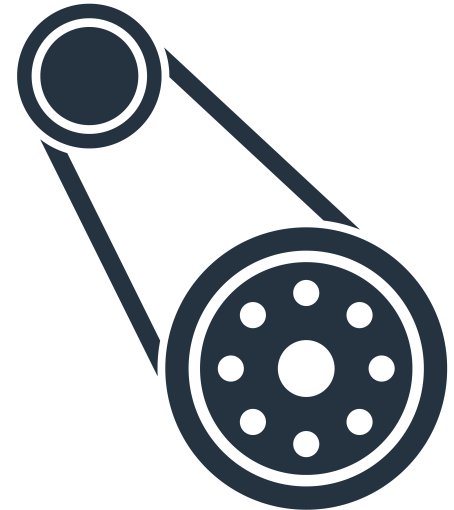
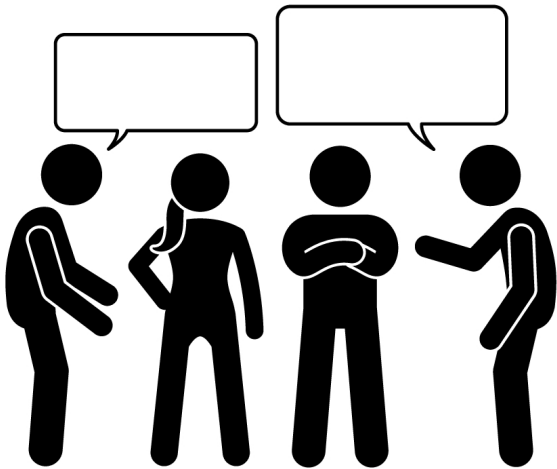
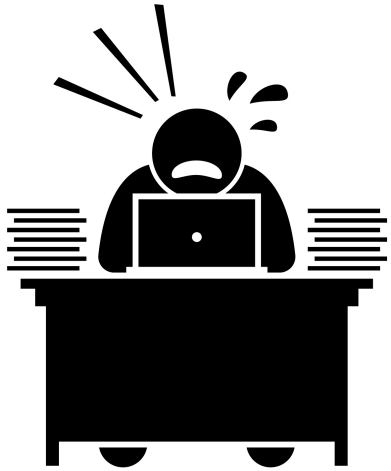
@jbaruch

@ligolnik

#DevOops



Nope. Don't like that.



@jbaruch

@ligolnik

#DevOps

*"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, COO, BOX, INC.

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AND STAKEHOLDERS EVERYWHERE

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WILEY

The Cohen-Bradford IWA Model



The Cohen-Bradford IWA Model





дружшты









The Cohen-Bradford IWA Model



What is DevOps?

Breaking Silos in the Software Engineering Workplace



Yevgeniy Zhitomirskiy

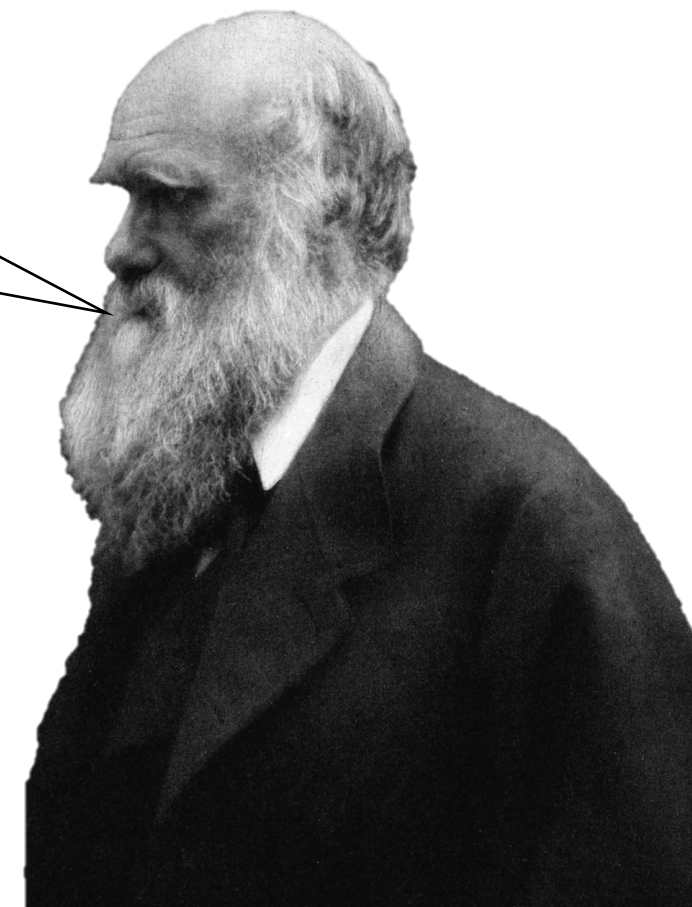
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(source)

Эволюционное
давление!





The passionate, functional, micro-serviced approach



Expert

Resumé Driven Development



The Cohen-Bradford IWA Model



The passionate, functional, micro-serviced approach



Expert

Resumé Driven Development

ONLY?
@jbaruch

@ligolnik

@ThePracticalDev
#DevOps



NEW YORK TIMES BESTSELLER

"Provocative and fascinating." —MALCOLM GLADWELL

Daniel H. Pink

author of *A Whole New Mind*

DRiVE

The title 'DRiVE' is rendered in a large, bold, red sans-serif font. The letter 'i' is lowercase and features a small red dot. A white silhouette of a person is shown falling from the dot of the 'i' towards the bottom of the page. The letters 'D', 'R', 'V', and 'E' are all uppercase. Below the main title, there is a faint, light gray shadow of the word 'DRiVE'.

The Surprising Truth
About What Motivates Us

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

AUTONOMY
MASTERY
PURPOSE



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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







@ibaruch

@ligolnik

#DevOops



@ibaruch

@ligolnik

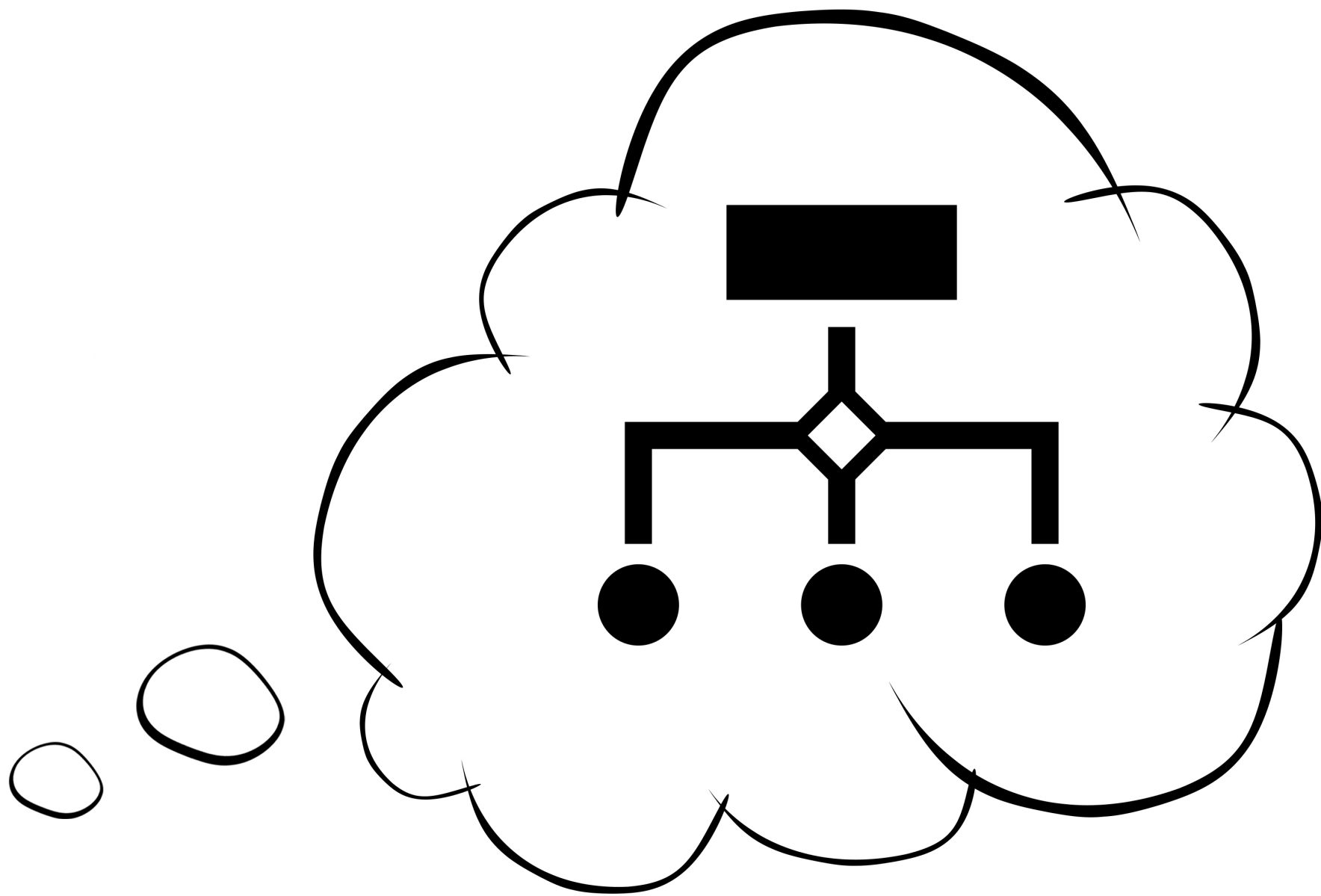
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@ligolnik

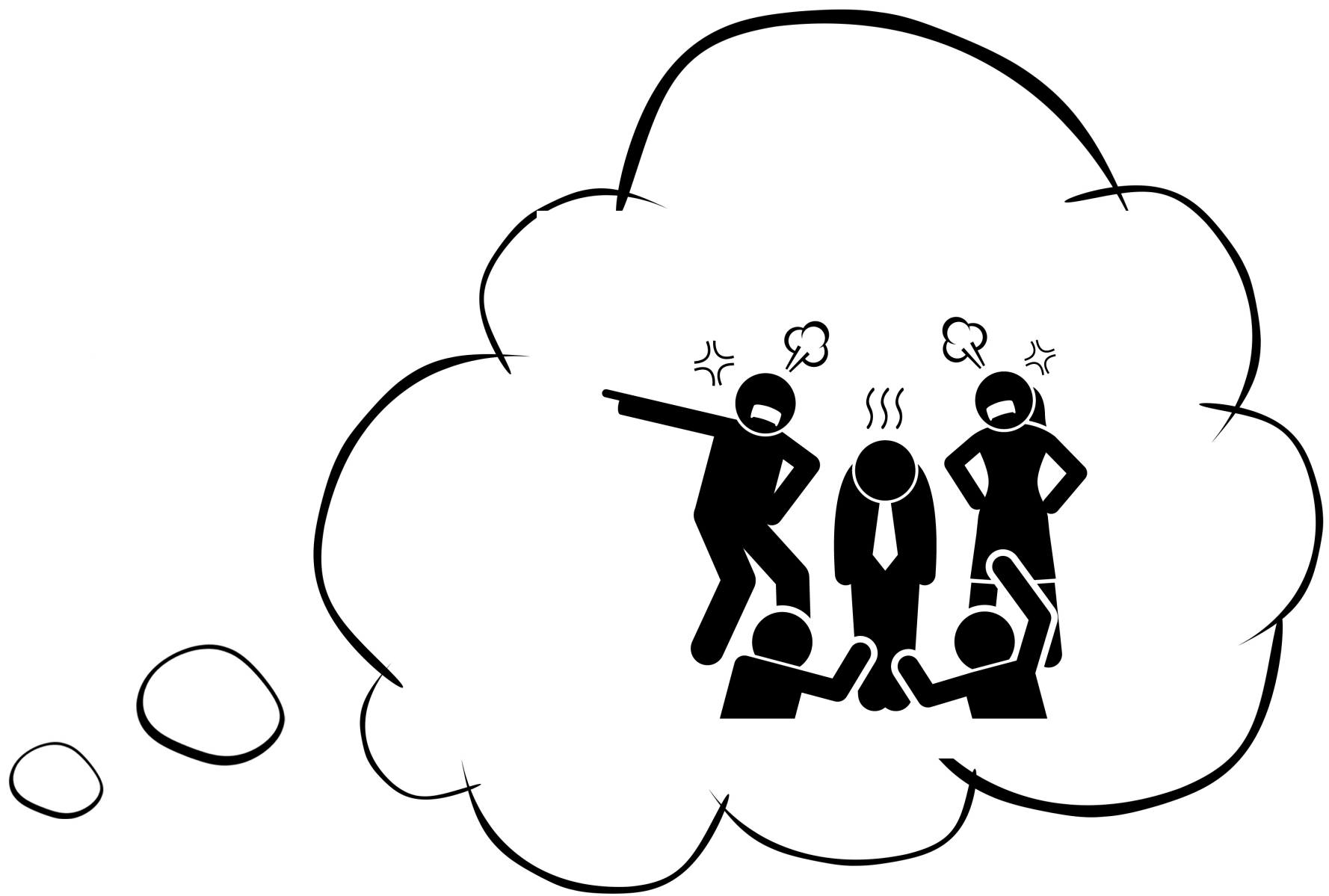
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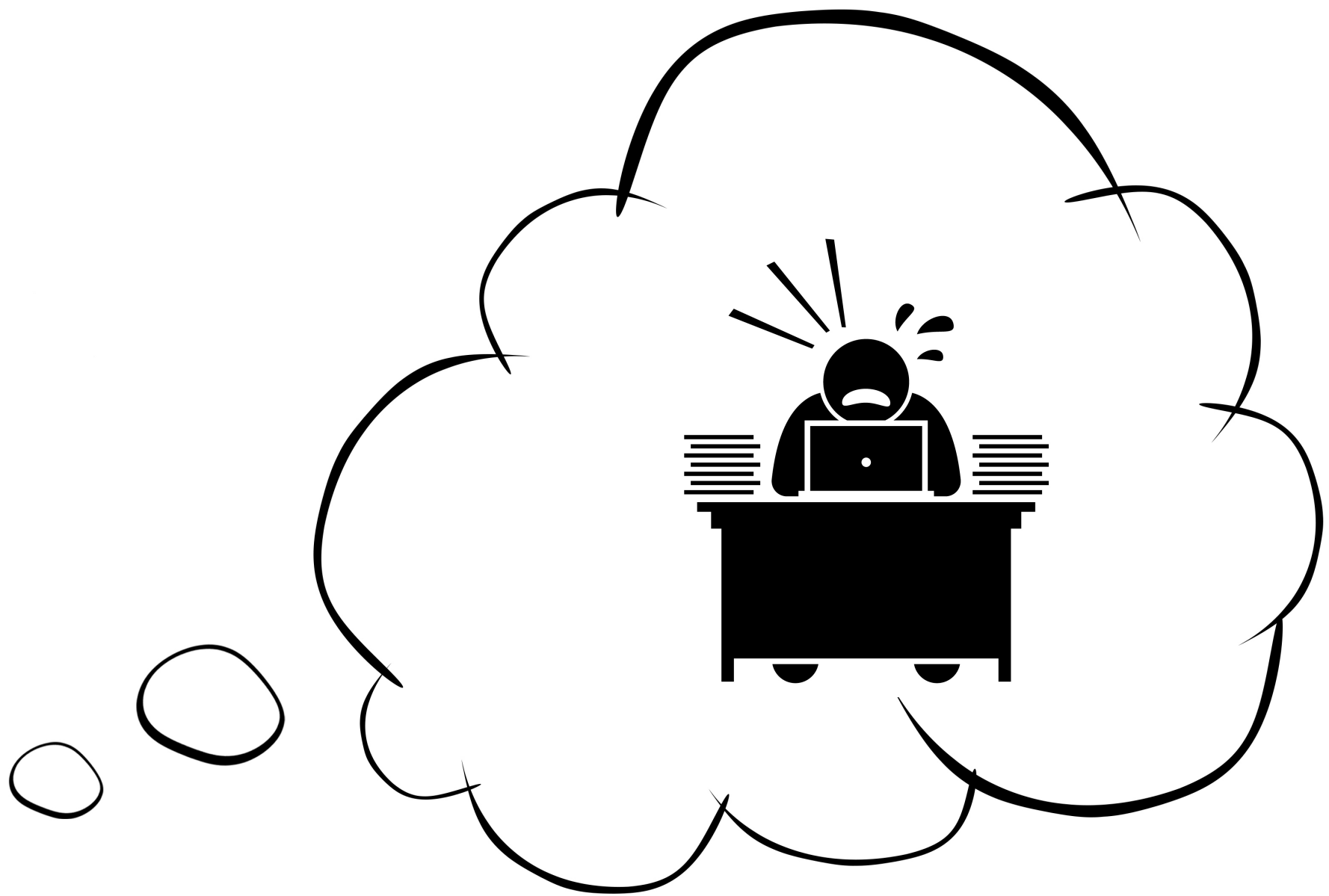
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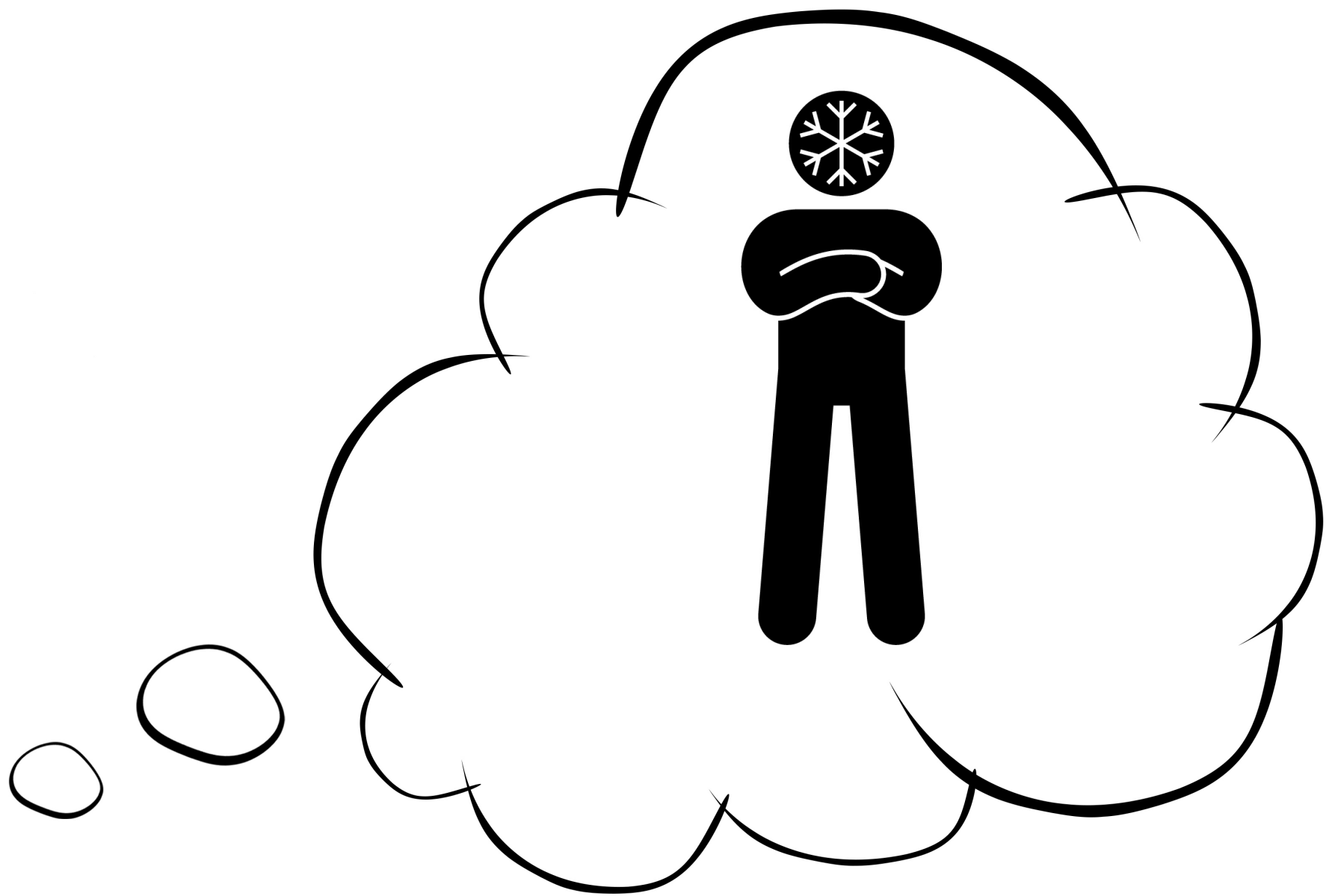
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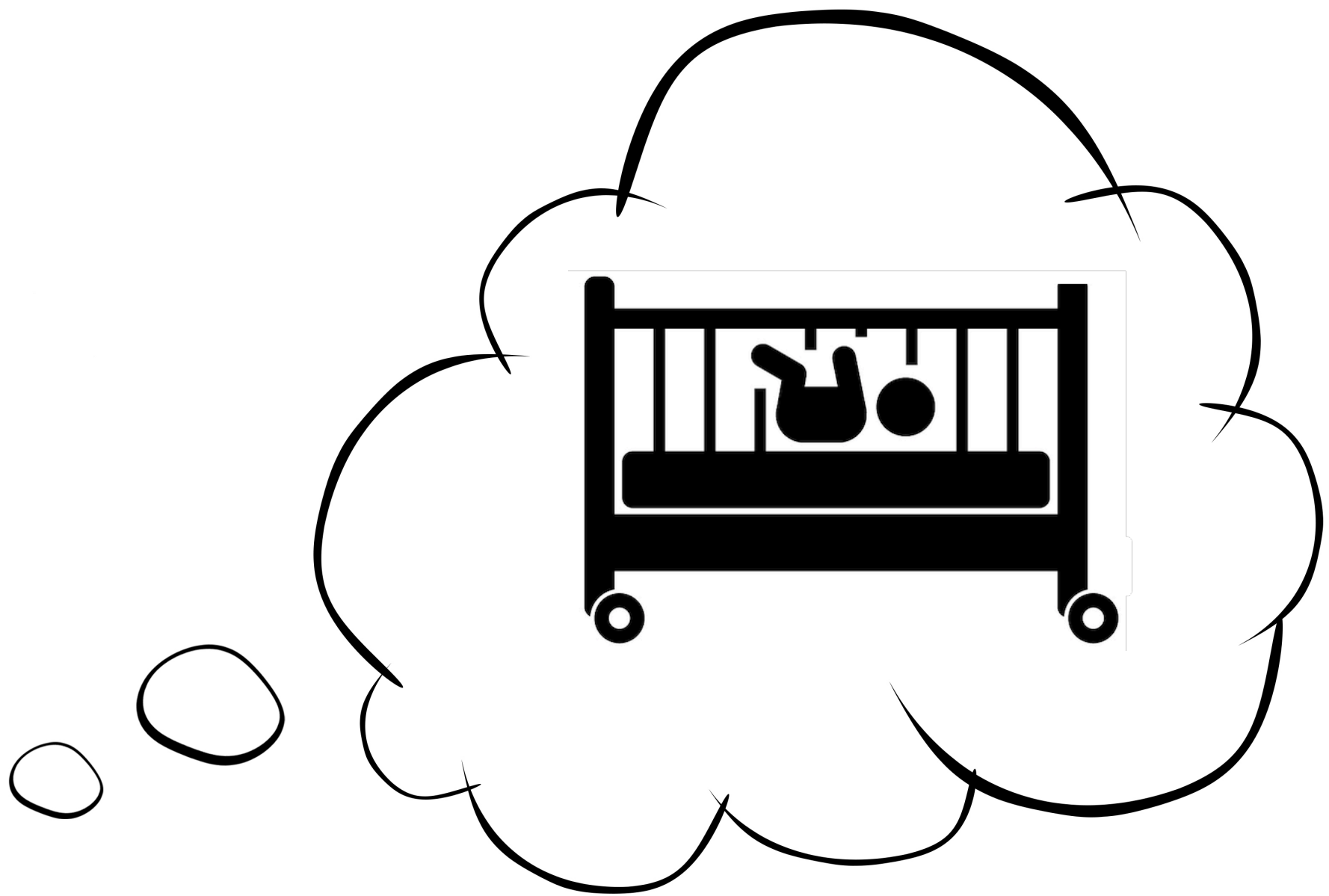
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PERFORMANCE METRICS



SOFTWARE DEVELOPMENT

Lead Time

Deployment Frequency



SOFTWARE DEPLOYMENT

Change Fail

Time to Restore



SERVICE OPERATION

Availability

FOUR KEY METRICS

@jbaruch

@ligolnik

#DevOps

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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ГДЕ ИСКАТЬ ИНФОРМАЦИЮ



OKRS



BACKLOGS



PRESENTATIONS



SOCIALIZING

@jbaruch

@ligolnik

#DevOps

	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
Security	~~~~~		~~~~~	
Product		~~~~~		~~~~~
...				

ГЛУБОКИЙ
ВНУТРЕННИЙ
МИР

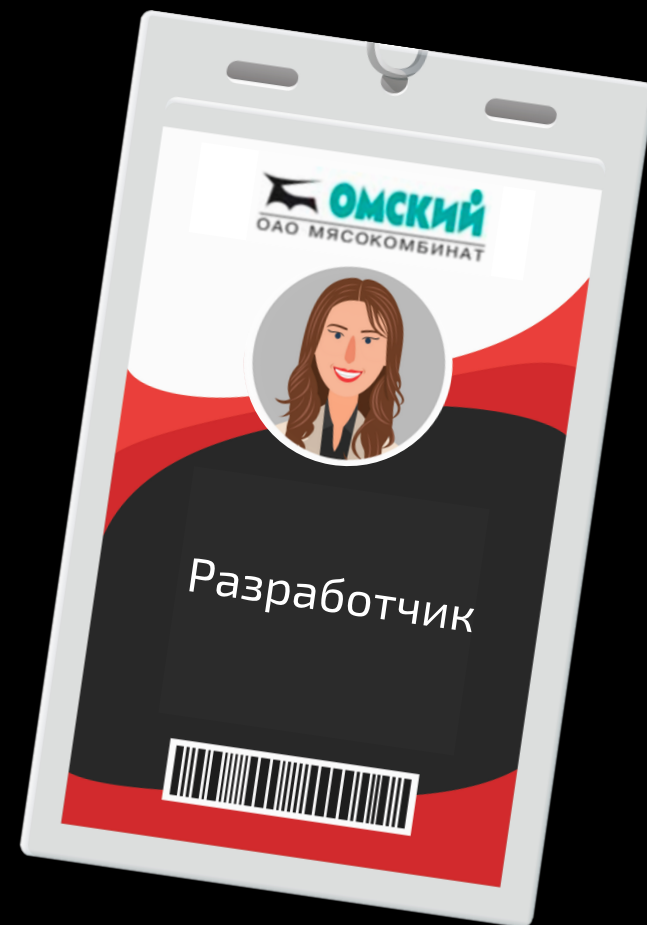
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

## САМОУПРАВЛЕНИЕ РАЗРАБОТЧИКОВ



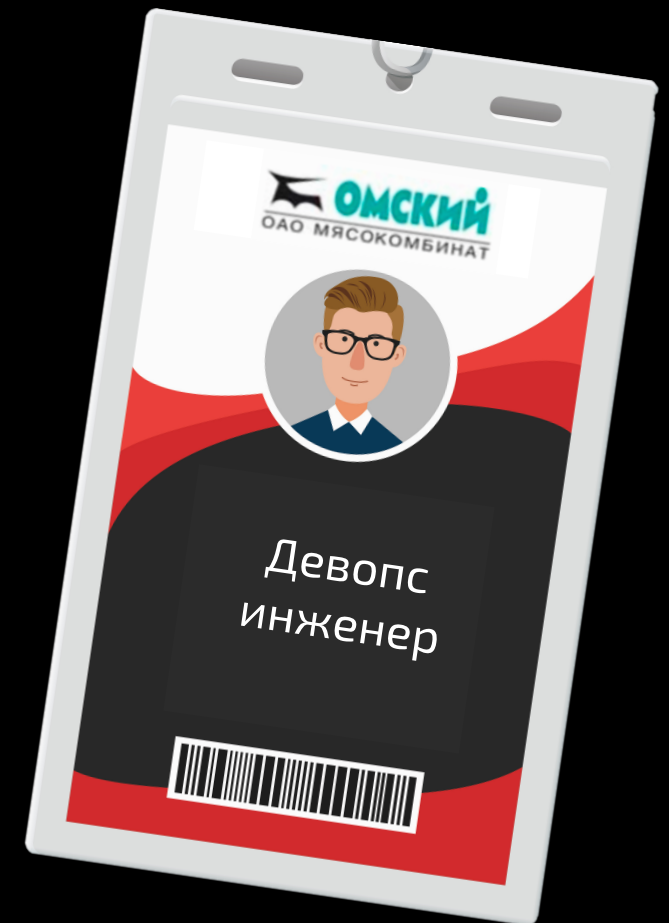
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
OPS		~~~~~		
QA		~~~~~		
Security	~~~~~		~~~~~	
Product			~~~~~	~~~~~
...				

**ЧЕГО БОЯТСЯ  
РАЗРАБОТЧИКИ?**



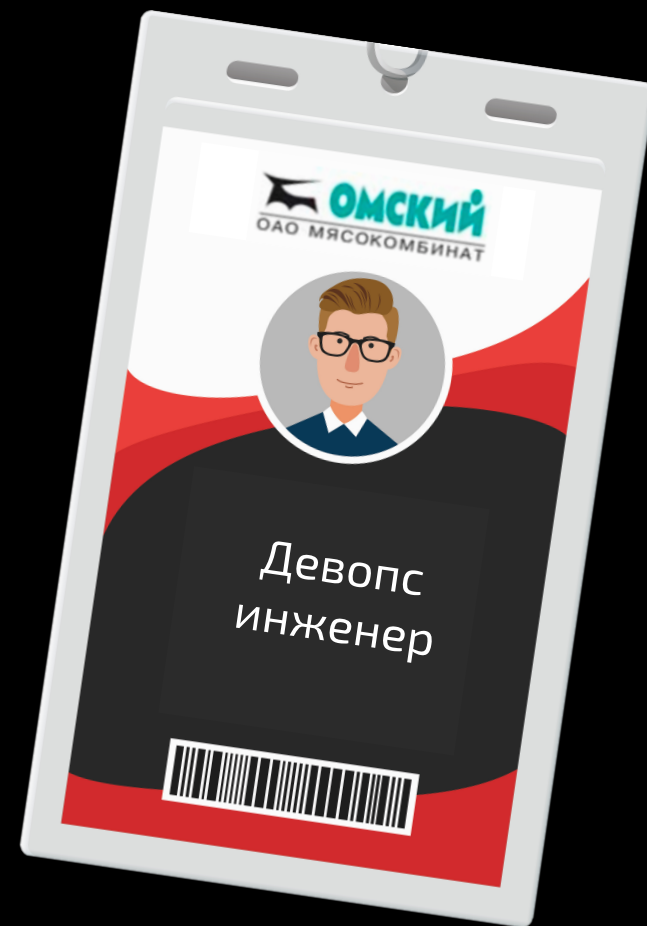
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

САМОРАЗВИТИЕ СИСАДМИНОВ



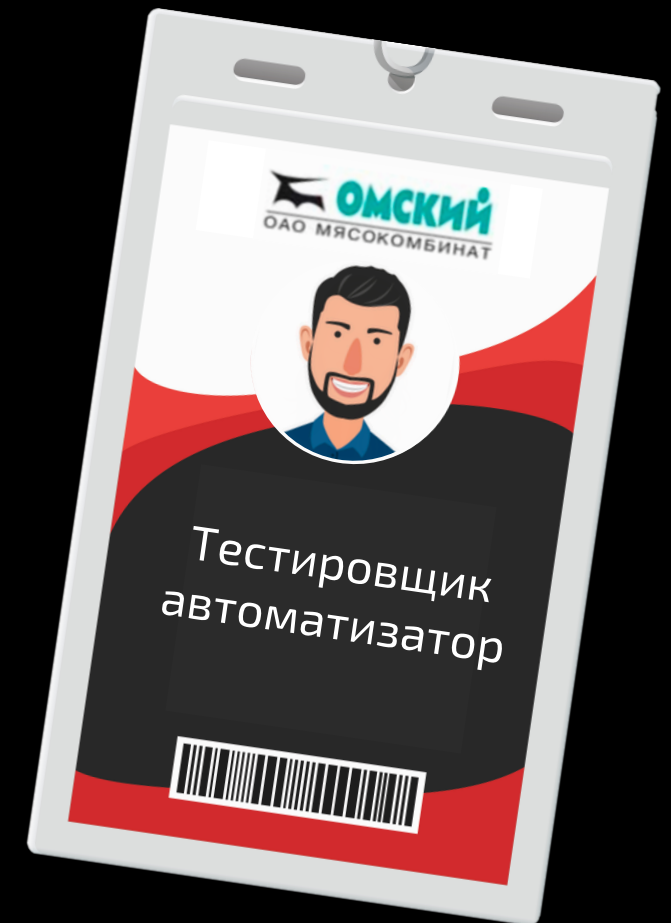
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

ЧЕГО БОЯТСЯ  
СИСАДМИНЫ?



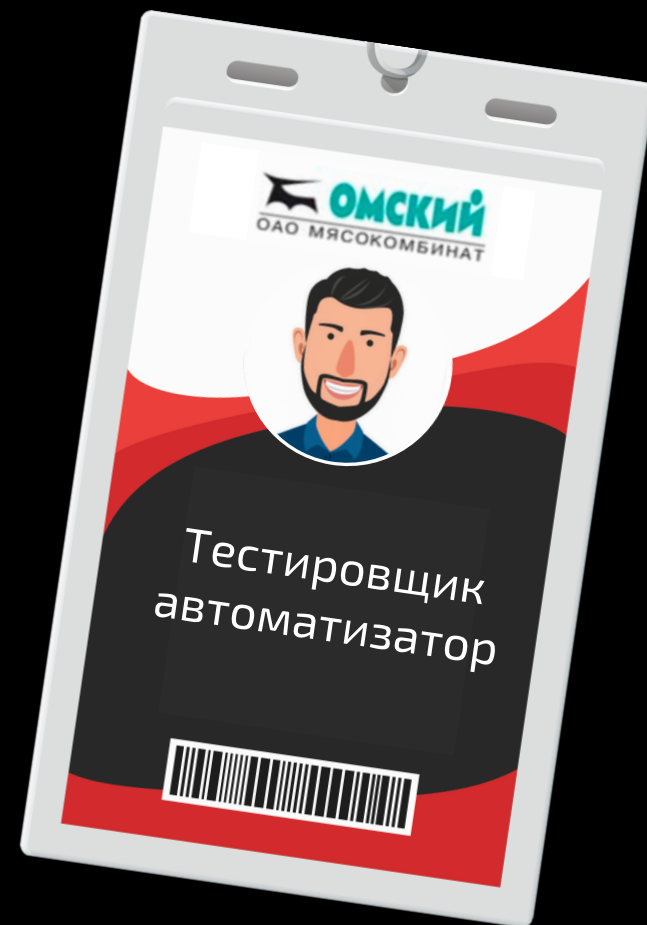
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
OPS		~~~~~		
QA		~~~~~		
Security	~~~~~		~~~~~	
Product			~~~~~	~~~~~
...				

## САМОУПРАВЛЕНИЕ ТЕСТИРОВЩИКОВ



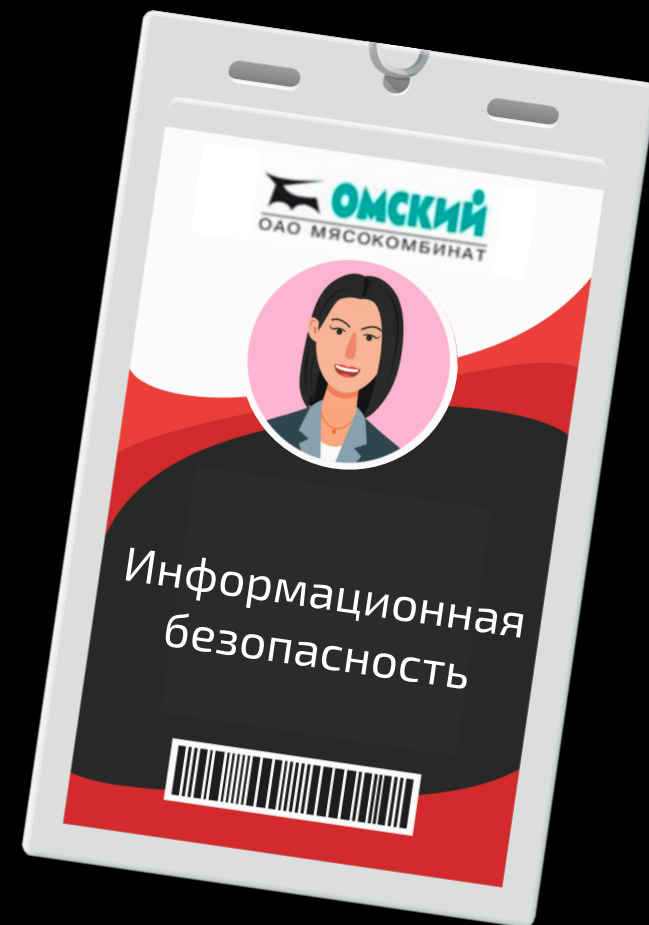
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
OPS		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

СМЫСЛ РАБОТЫ ТЕСТИРОВЩИКОВ



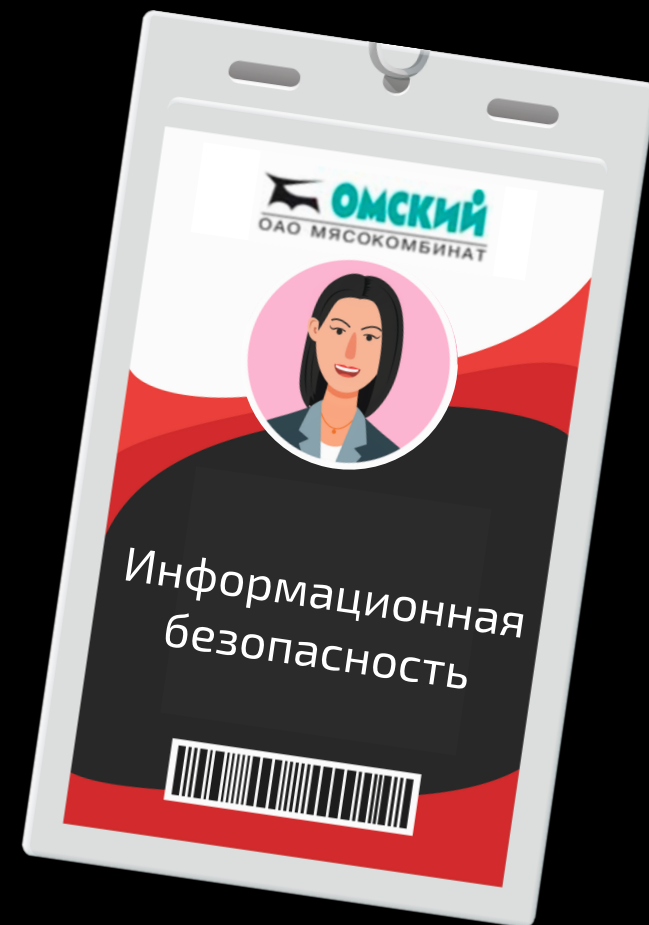
	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

## САМОУПРАВЛЕНИЕ БЕЗОПАСНИКОВ



	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

ЧЕГО БОЯТСЯ
БЕЗОПАСНИКИ?



	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
Security	~~~~~		~~~~~	
Product			~~~~~	~~~~~
...				

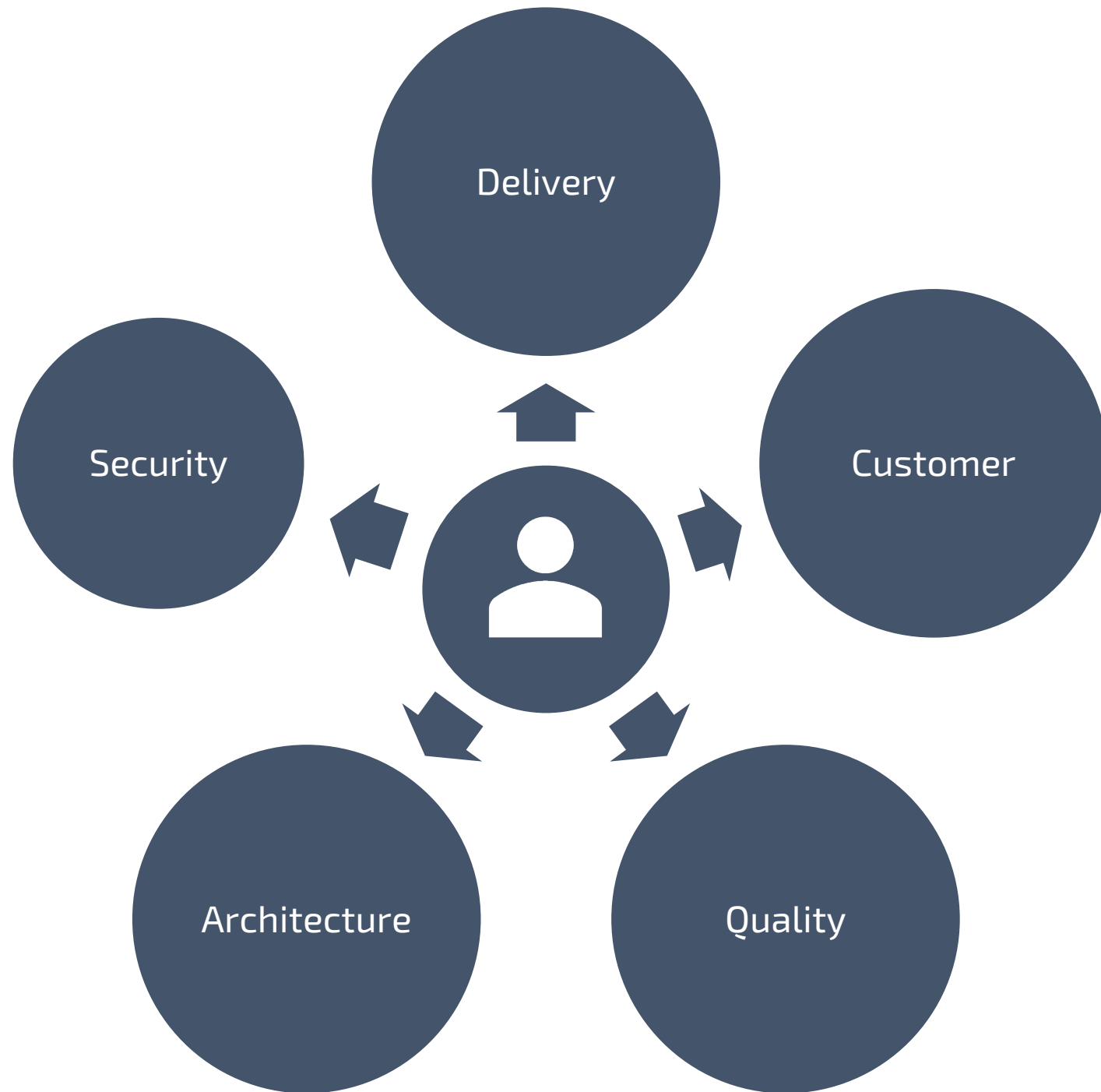
СМЫСЛ РАБОТЫ ПРОДАКТА

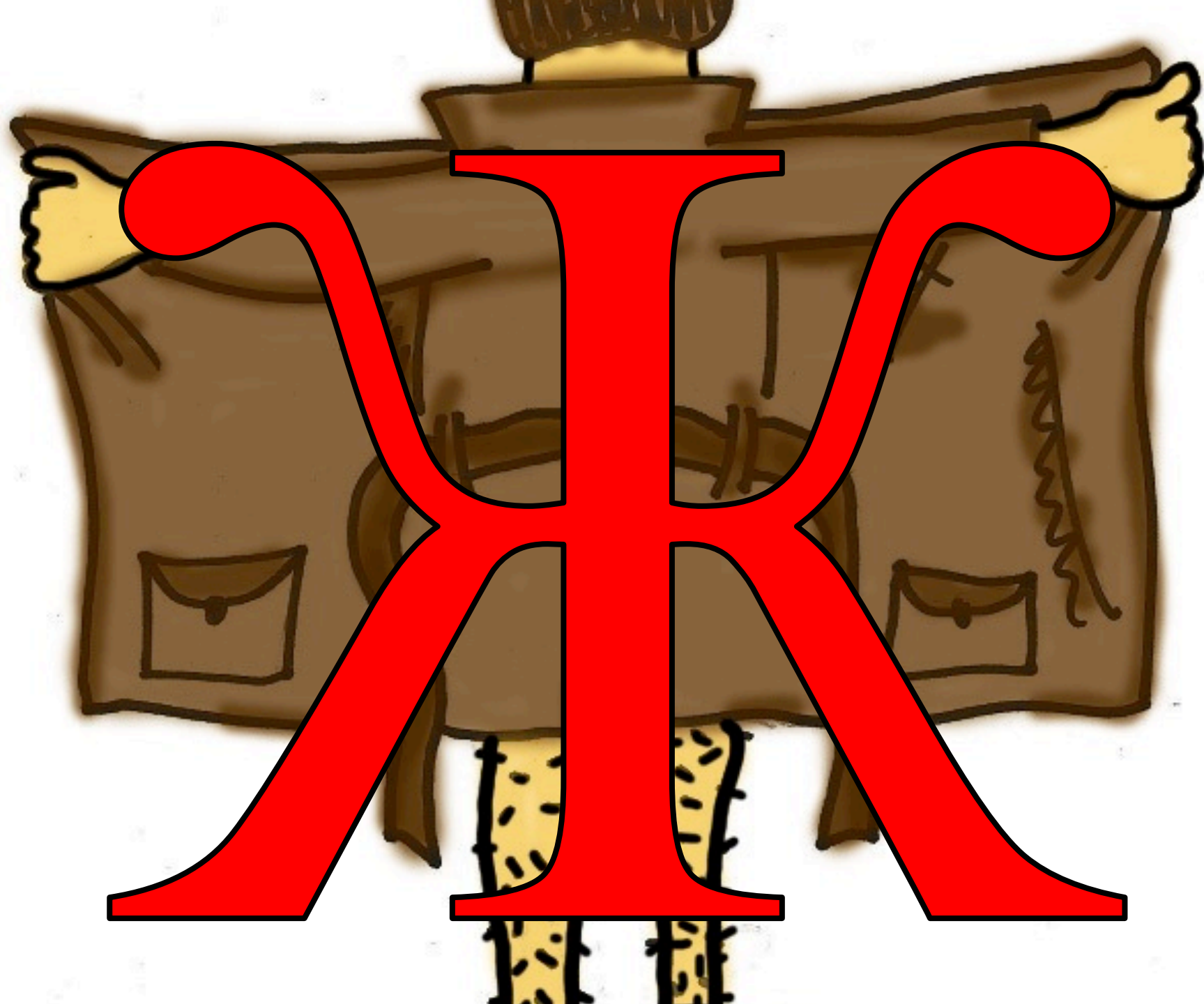


	Autonomy	Mastery	Purpose	Fear
Dev	~~~~~			~~~~~
Ops		~~~~~		
QA		~~~~~		
			~~~~~	
Security	~~~~~			
Product			~~~~~	~~~~~
...				

## САМОРАЗВИТИЕ ПРОДАКТОВ











# Range

How Generalists Triumph  
in a Specialized World

David Epstein



## The Cohen-Bradford IWA Model





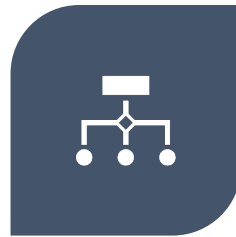
# ВИДЫ ВАЛЮТЫ



INSPIRATION  
RELATED



TASK RELATED



POSITION  
RELATED



RELATIONSHIP  
RELATED



PERSON  
RELATED



@jbaruch

@ligolnik

#DevOps

**ПССТ, БРО**

**ПРИХОДИ НА ХАКАТОН!**





@jbaruch

@ligolnik

#DevOps

## The Cohen-Bradford IWA Model



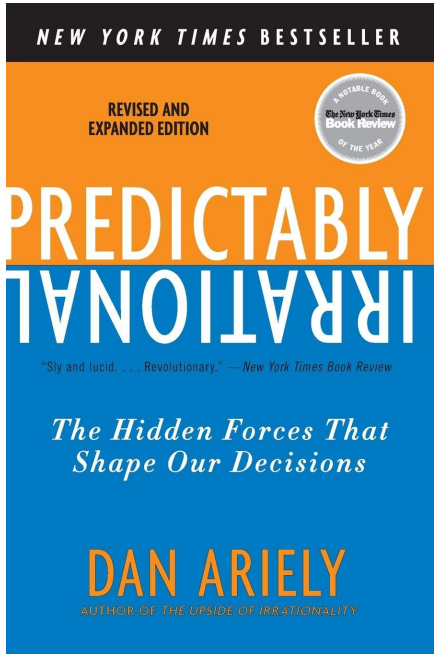


@jbaruch

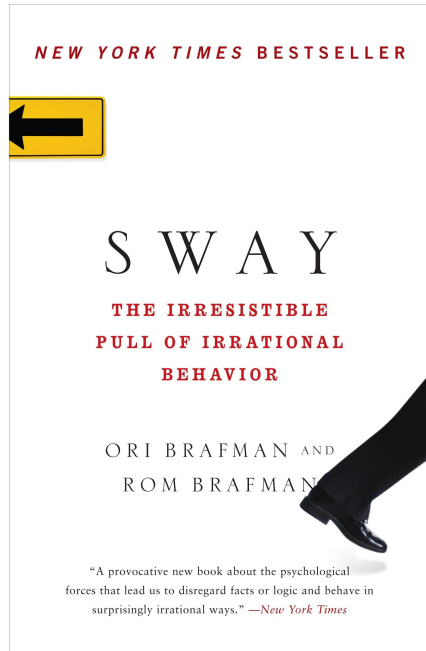
@ligolnik

#DevOps

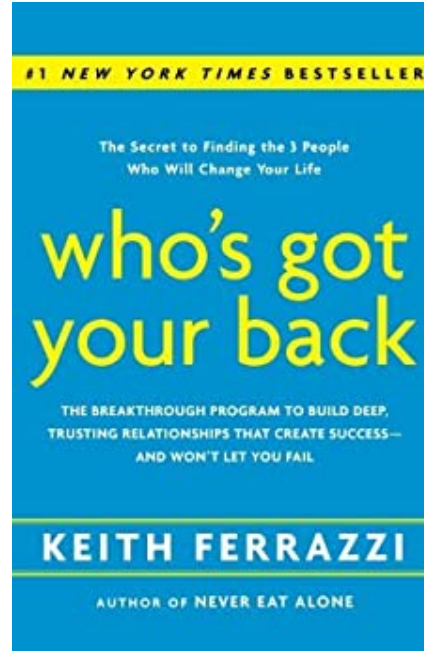




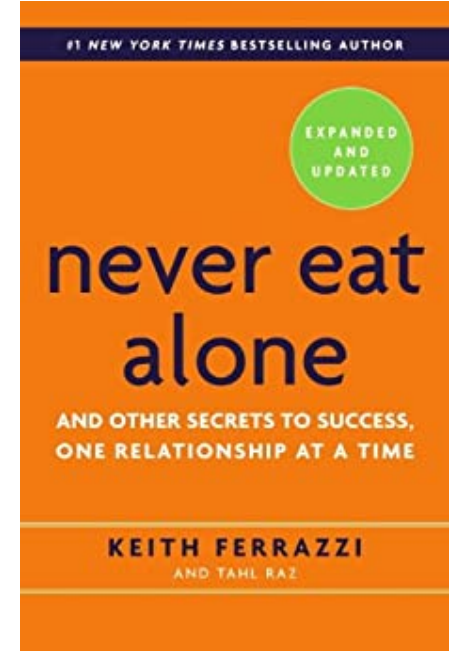
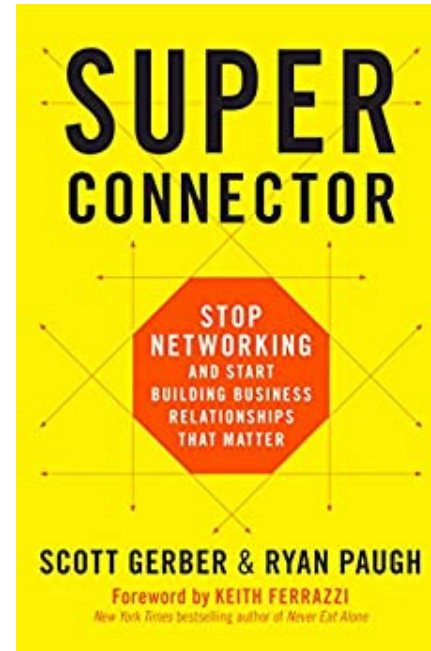
@jbaruch



@ligolnik



#DevOops



## The Cohen-Bradford IWA Model



**quiddity** /kwɪd-ɪ-ti/ *kwid-ee-ti*  
the essential nature of a  
– ORIGIN Latin *quidditas*.

**quid pro quo** /kwɪd pro  
**quid pro quos**) a favour  
for something.

– ORIGIN Latin, 'something  
thing'.

**quiescent** /kwi-ess-uhns-  
or period of in-



# ВИДЫ ОБМЕНА



INTEREST  
ALIGNMENT



BARTER



OWE A FAVOR



CALL IN A  
FAVOR



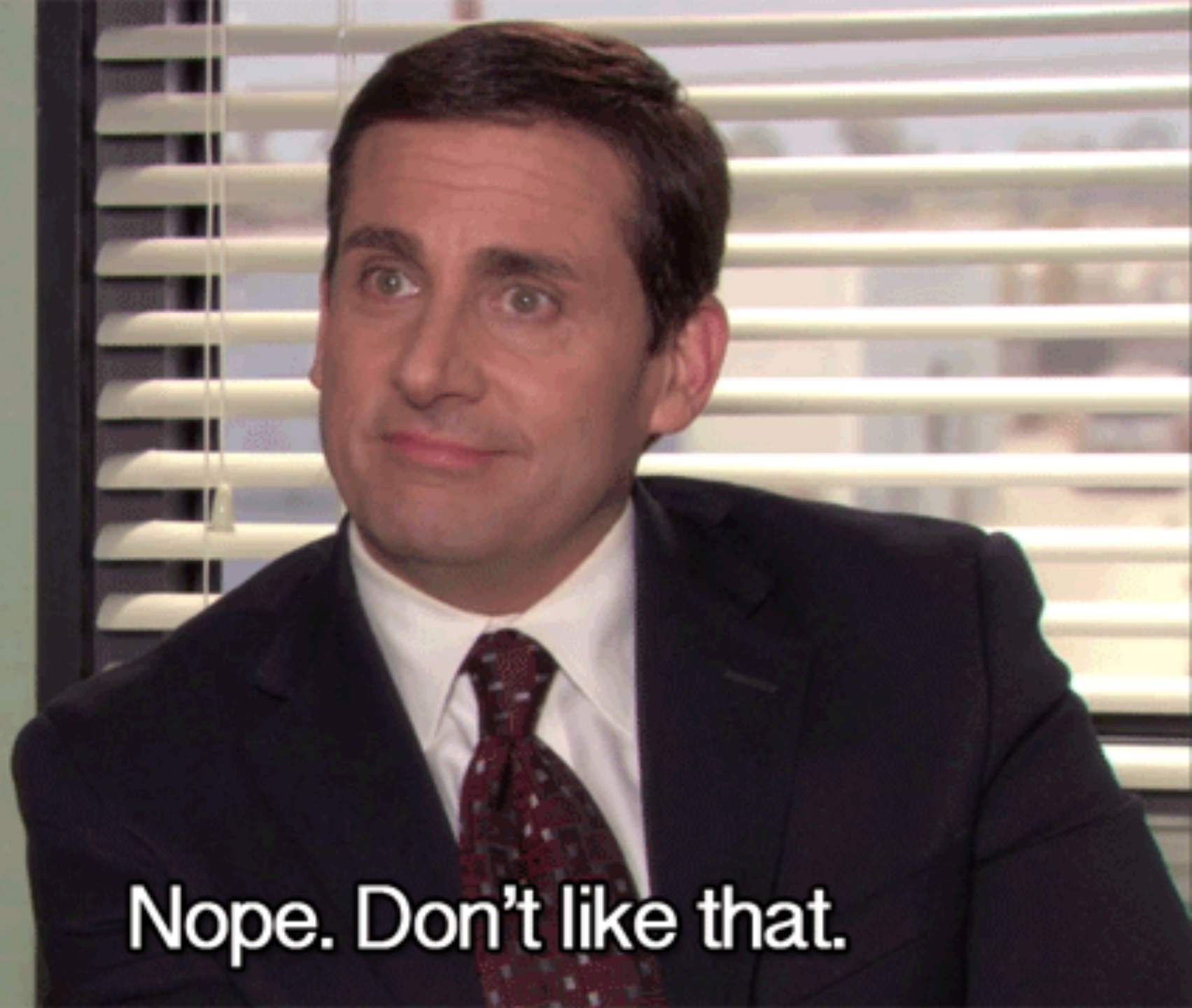
**КОНЕЦ.**

(НА САМОМ ДЕЛЕ НЕТ, НЕ УХОДИТЕ ЕЩЁ, ЕЩЁ 30 СЛАЙДОВ!)

@jbaruch

@ligolnik

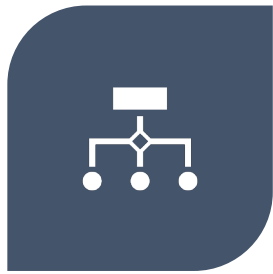
#DevOps



Nope. Don't like that.



# ПРЕГРАДЫ ДЛЯ ВЛИЯНИЯ: ВНЕШНИЕ



POWER  
DIFFERENTIAL



DIFFERENT  
GOALS



INCOMPATIBLE  
MEASUREMENTS



RIVALRY

# ПРЕГРАДЫ ДЛЯ ВЛИЯНИЯ: ВНУТРЕННИЕ



LACK OF  
EXPERIENCE



BLINDING  
ATTITUDE



FEAR OF FAILING



FEAR OF  
REACTION

# BEST ALTERNATIVE TO NEGOTIATED AGREEMENT



@jbaruch

@ligolnik

#DevOps





@baruch

@ligotnik

#DevOps



@jbaruch

@ligolnik

#DevOps



**НЕТ!**





Пусть сисадмины  
дежурят!

@jbaruch

@lgolnik

#DevOops

# Joker<?>

2019

Барух Садогурский  
JFrog

DevOps для  
разработчиков (или  
против?!)

▶ ⏮ ⏪ 🔊 0:21 / 39:05

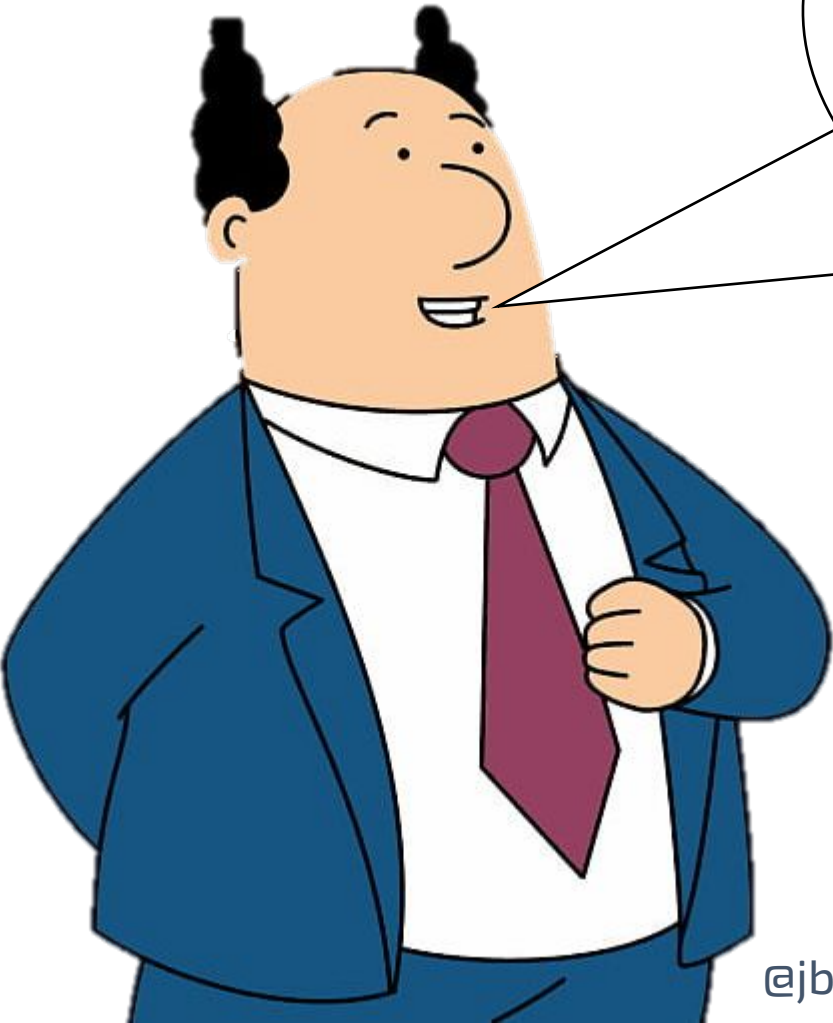


Барух Садогурский — DevOps для разработчиков (или против них?!)

@jbaruch

@ligolnik

#DevOps

A cartoon illustration of a man with a large nose, wearing a blue suit, white shirt, and red tie. He is looking towards the right. A speech bubble originates from his mouth.

Лучшее — враг  
Хорошего! И так  
норм!




{* SECURITY *}

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

Well, what else could he do?

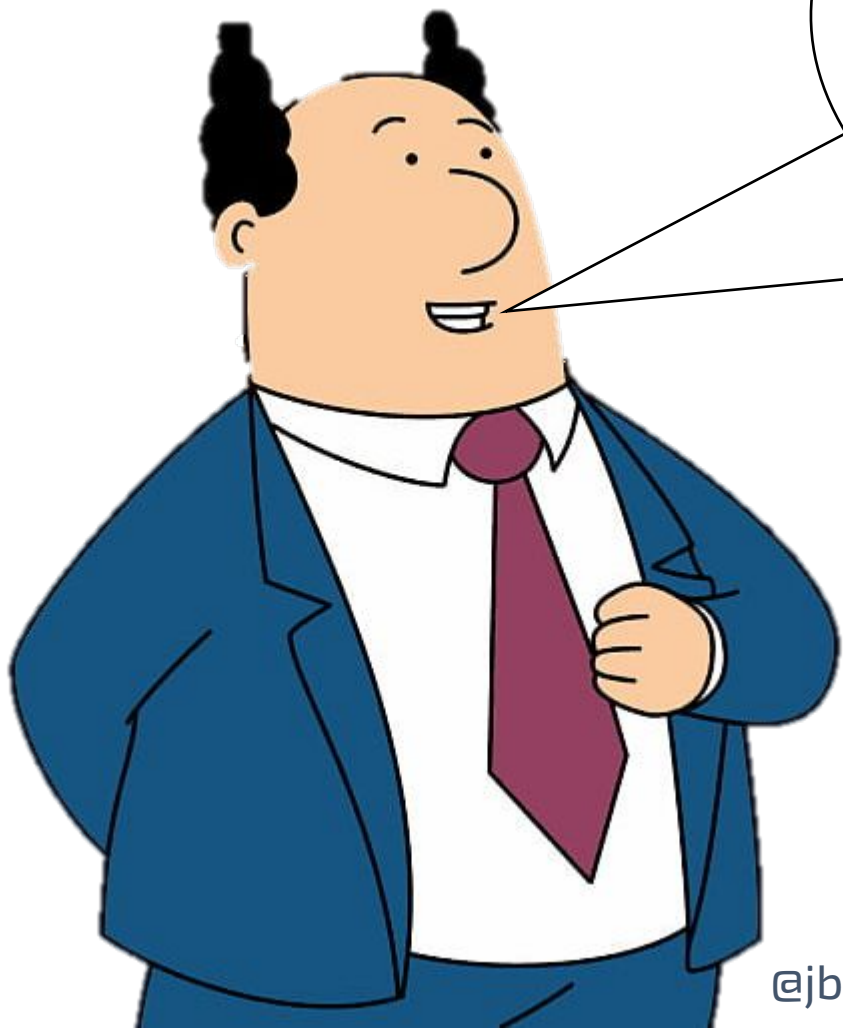
By [John Leyden](#) 26 Sep 2017 at 15:35

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

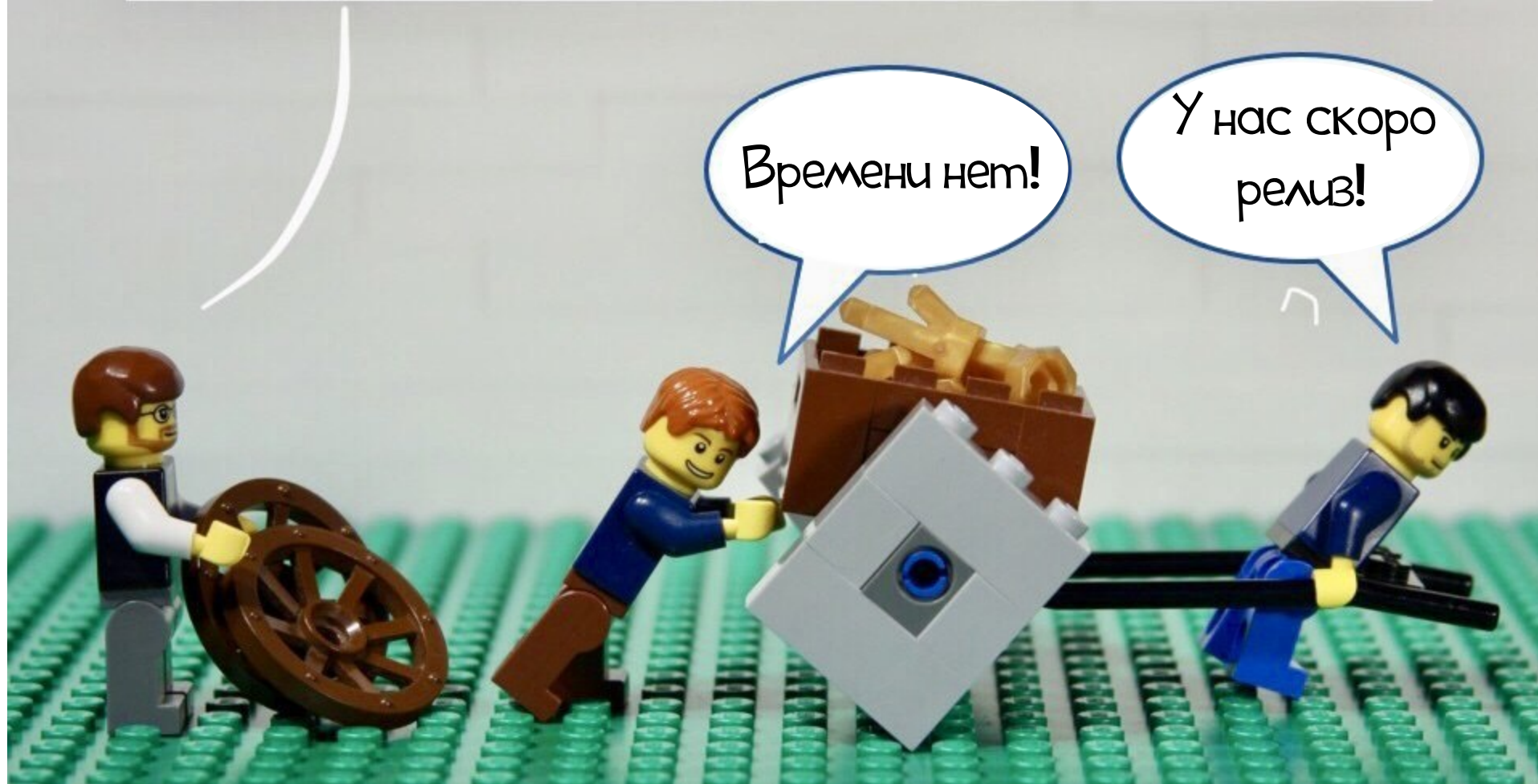


Времени нет!  
Люди загружены!

Может попробуем DevOps?

Времени нет!

У нас скоро  
релиз!

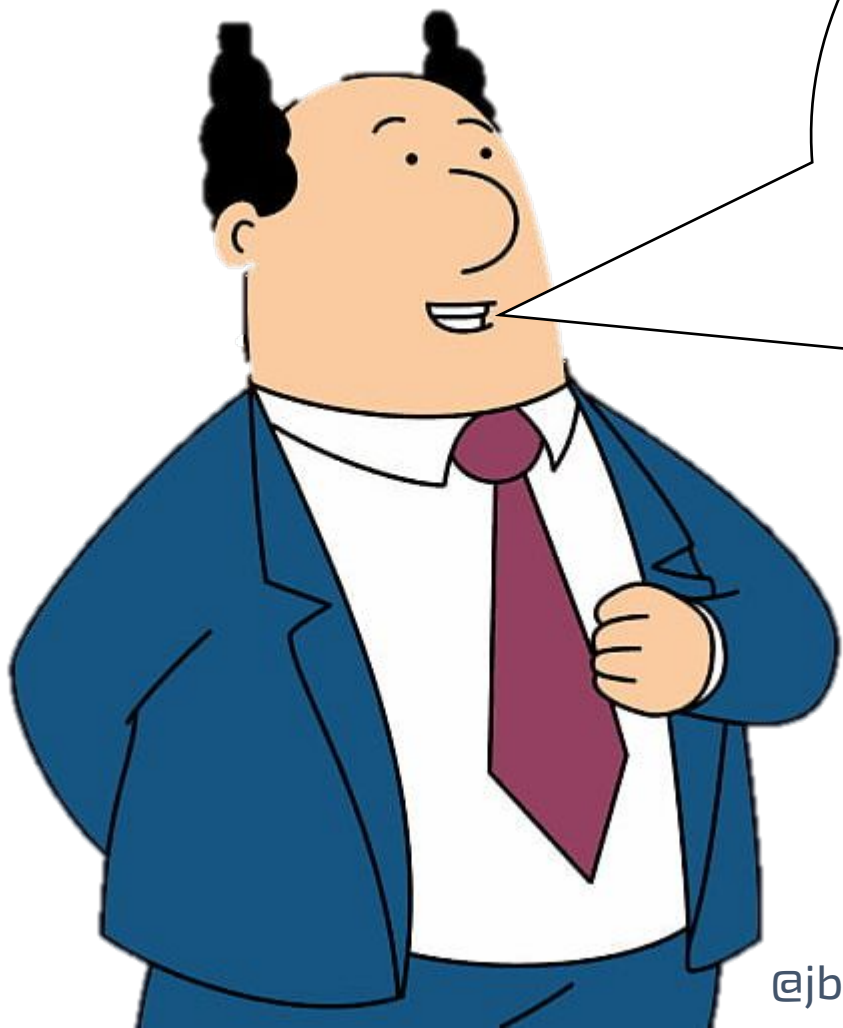


@jbaruch

@ligolnik

#DevOps





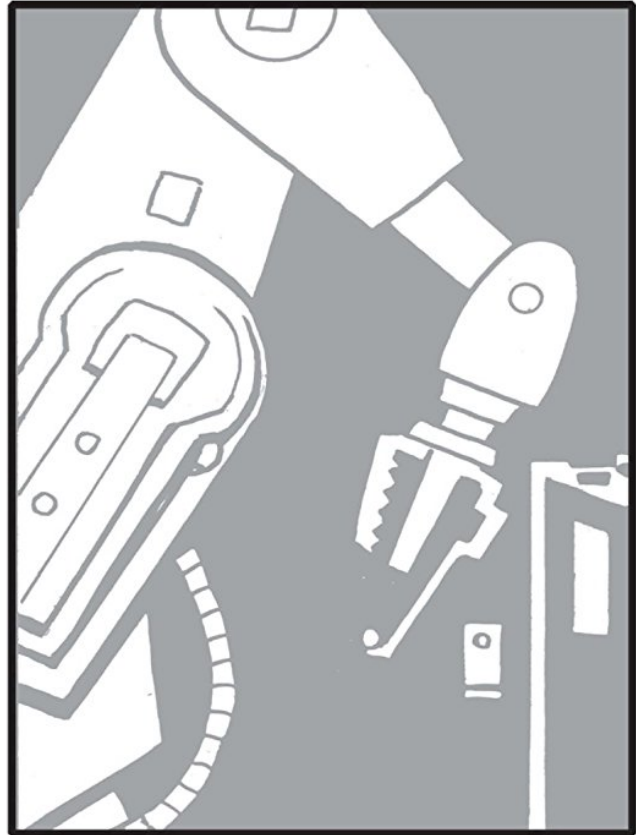
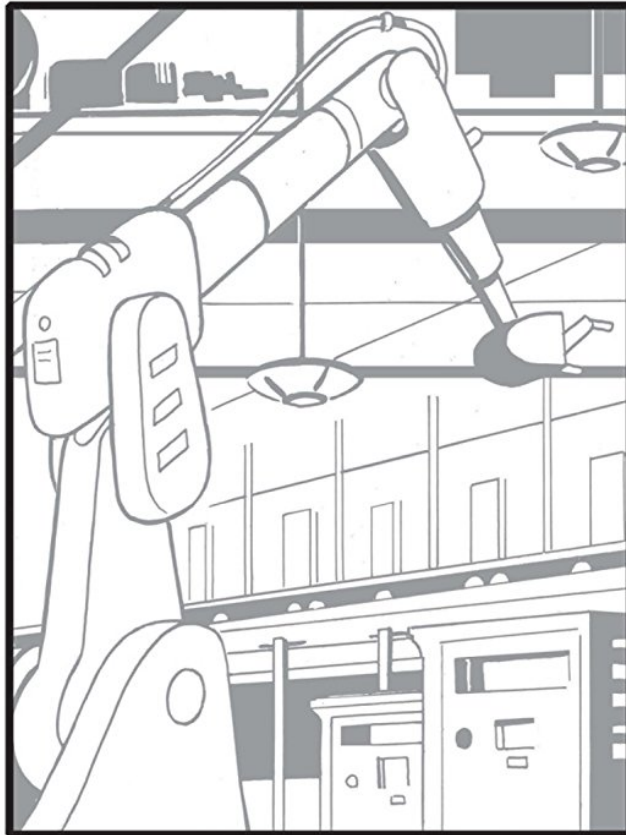
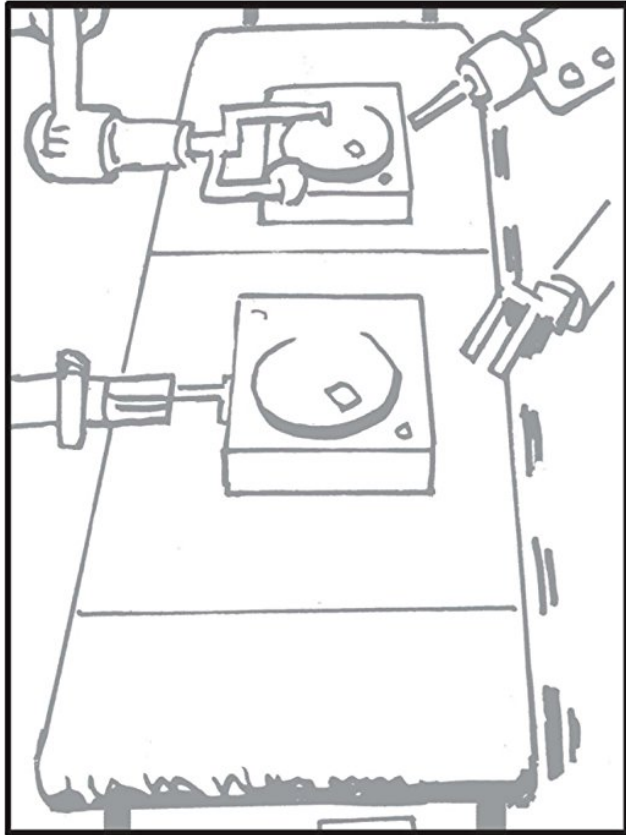
Колоды это  
Хорошо, в них  
растят  
настоящих  
спецов!

Если вы не  
оптимизируете в  
горлышке, вы не  
оптимизируете  
вообще!

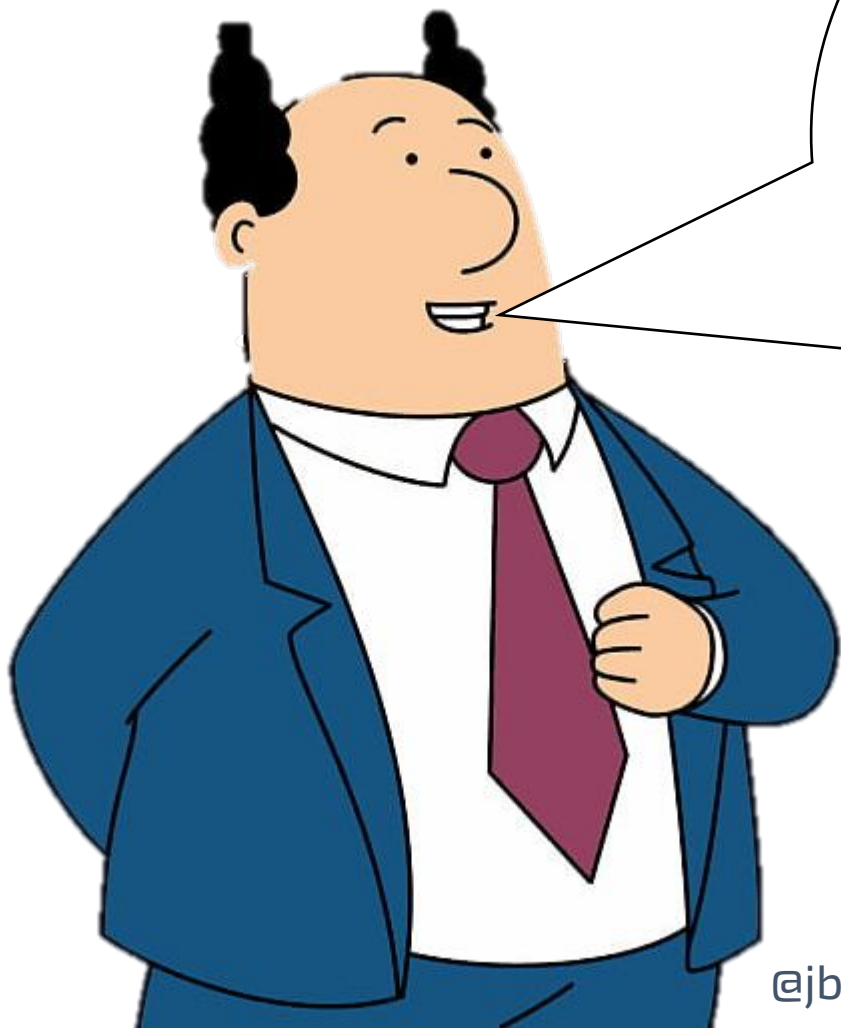


# ELIYAHU M. GOLDRATT'S THE GOAL

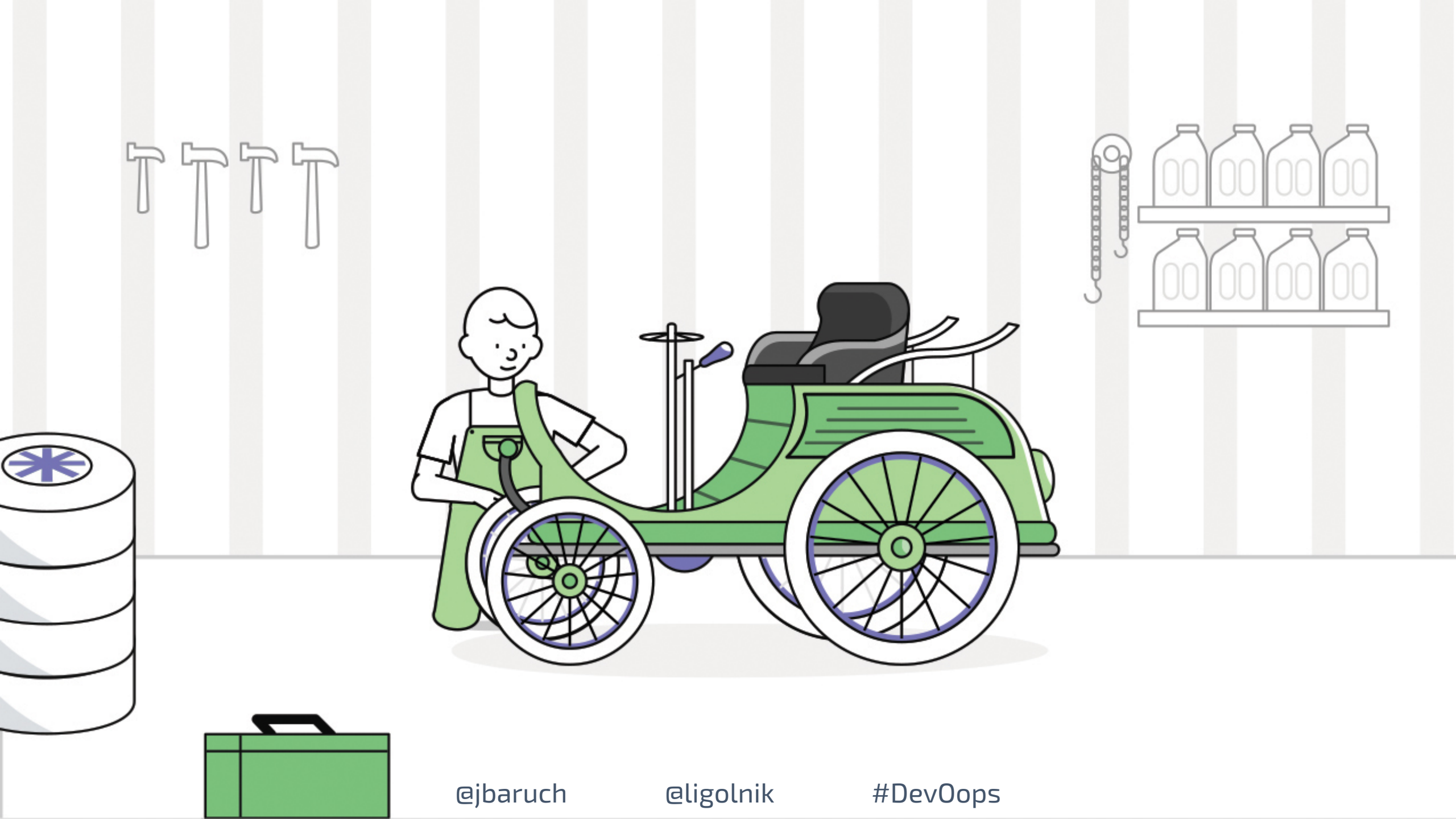
A BUSINESS GRAPHIC NOVEL







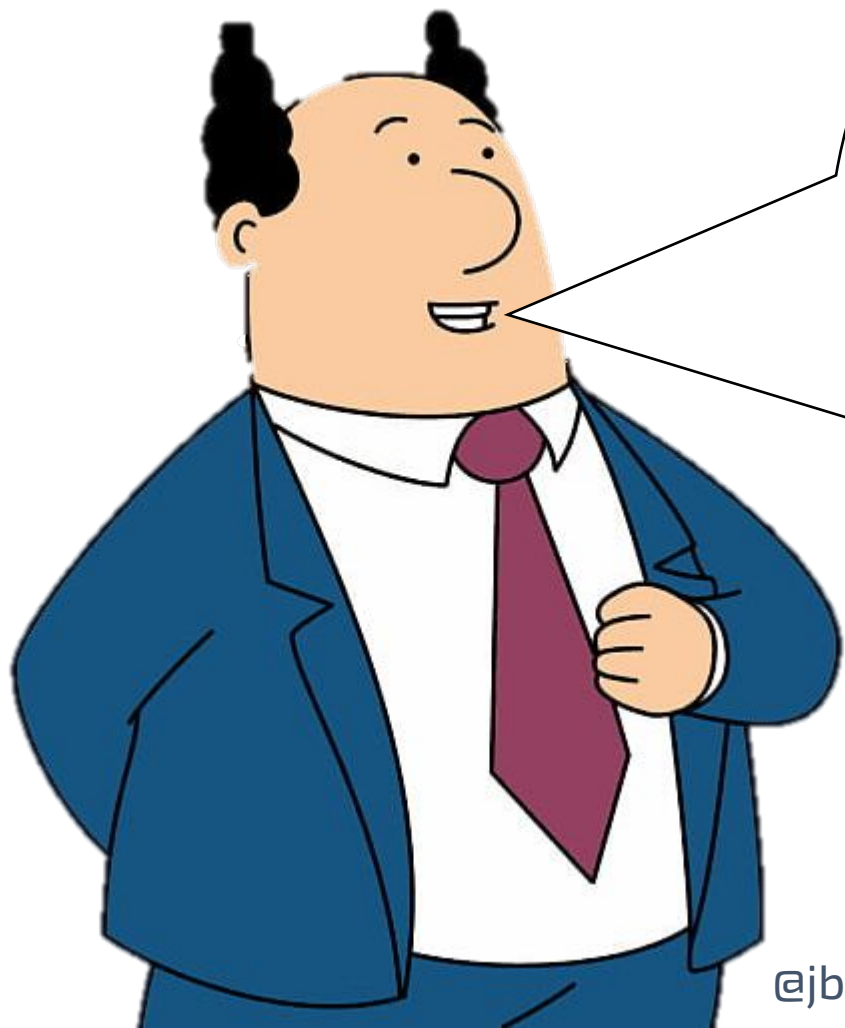
У нас регуляци,  
они требуют  
проверять  
каждый релиз!



@jbaruch

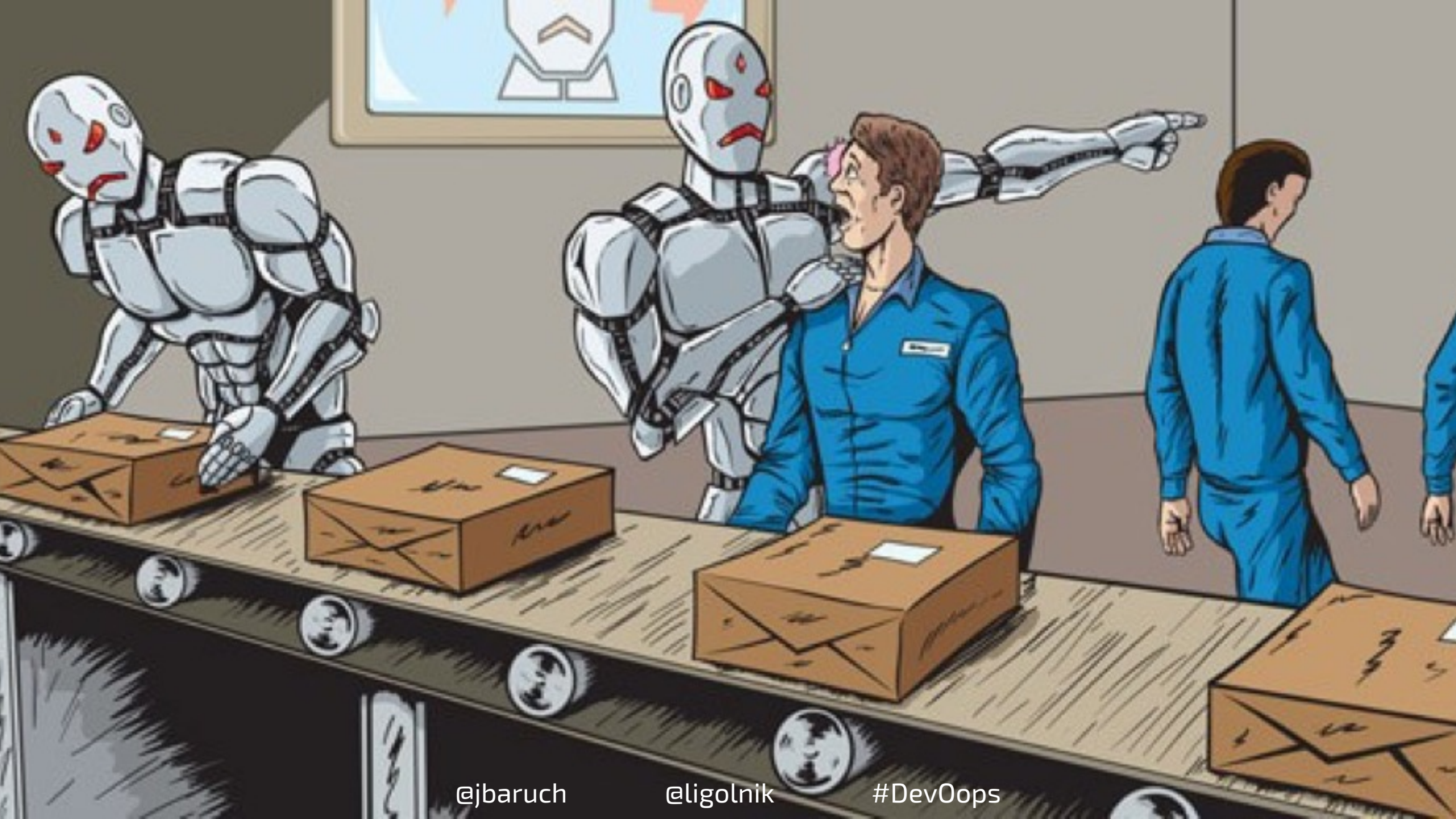
@ligolnik

#DevOps



Мы не можем  
релизить быстрее,  
нам надо  
гарантировать  
\${держурную  
болячку}





@jbaruch

@ligolnik

#DevOps



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The Cohen-Bradford IWA Model



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# ТЩЕСЛАВИЕ И МАРКЕТИНГ

@jbaruch

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