

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

# CONSPIRACY THEORY?!

DETACHED FROM REALITY

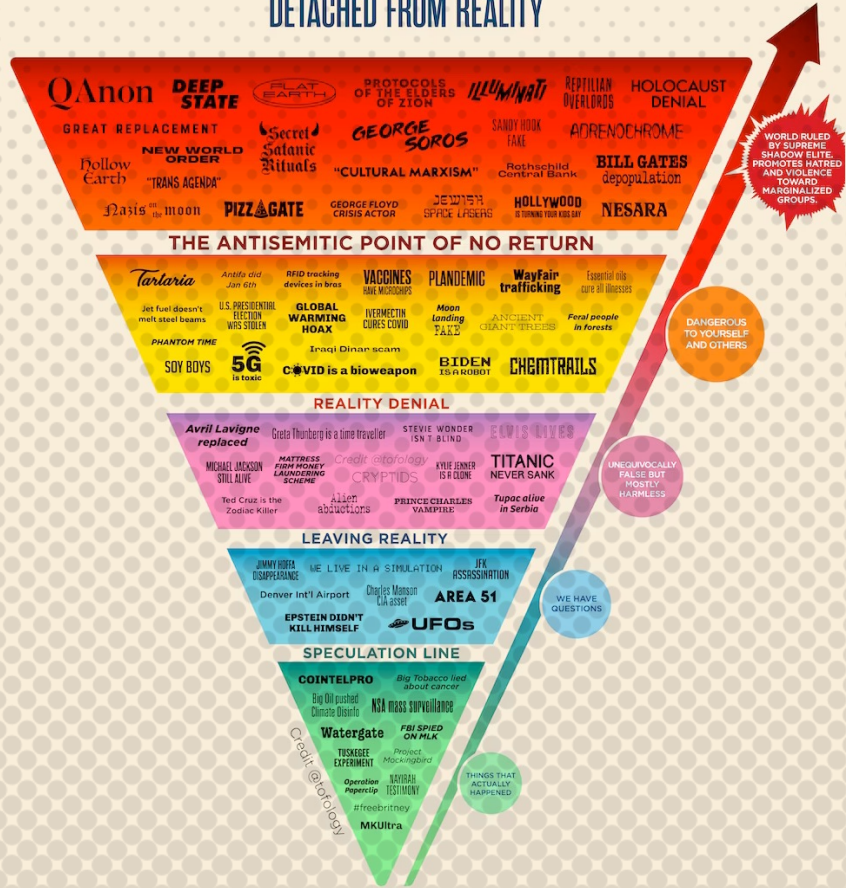
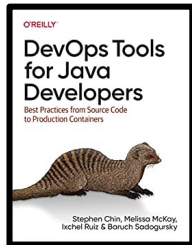


CHART BY ABBIE RICHARDS

GROUNDING IN REALITY

# ***BARUCH SADOGURSKY - @JBARUCH***

- × Developer Productivity Advocate
- × Gradle Inc
- × Development → DevOps → #DPE



**EMOTIONALLY EXPRESSIVE**



Russia  
Israel  
France

Spain

Italy

U.S.

Brazil

India  
Mexico

Saudi Arabia

Philippines

**CONFRONTATIONAL**

**AVOIDS CONFRONTATION**

Netherlands

Germany

Denmark

U.K.

Sweden

Korea

Japan

**EMOTIONALLY UNEXPRESSIVE**

## ***SHOWNOTES***

- × [speaking.jbaru.ch](https://speaking.jbaru.ch)
- × Slides
- × Video
- × All the links!



## AlphaCSP

6 yrs 1 mo

- **Training Division Manager**

Jan 2007 - Oct 2010 · 3 yrs 10 mos

- Development and delivery of most of AlphaCSP courses on different Java-related topics and in different levels;  
Among the customers: IDF, Cisco, IDI direct insurance, Rafael, PayPal, Opal, BMC, Malam, Checkpoint, HP Software and others.
- Development and delivery Artifactory training for JFrog customers world-wide;  
Among the customers: Cisco, Sita, Ansys and others.
- JTeam – Extremely successful internal training program in AlphaCSP – ¼ of AlphaCSP personnel are JTeam alumni.
- Java department technical lead at MalamTeam Training Center – development and delivery of all Java courses.
- Named one of the best speakers in all AlphaCSP events through the years.

- **Consultant & Architect**

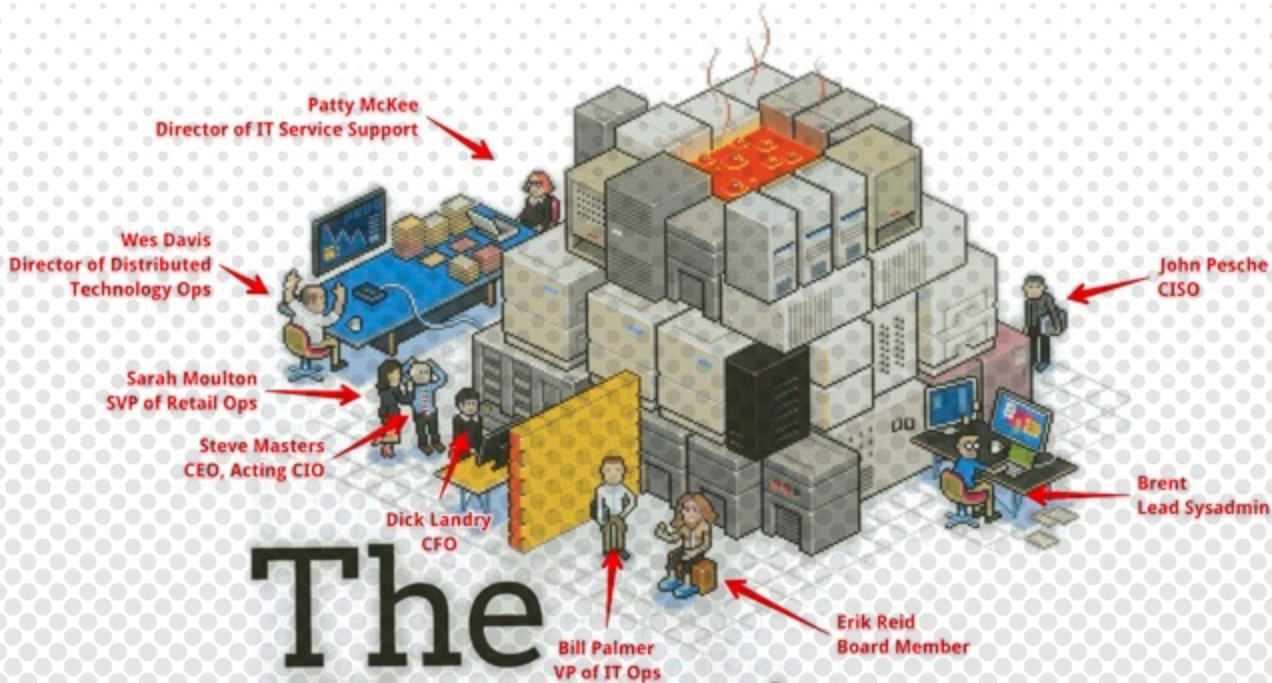
Jan 2007 - Oct 2010 · 3 yrs 10 mos

Consulting, building architectures and design, mentoring, and developing in various Java-related projects on the topics, described in Specialties section above;  
Among the customers: BMC, Logia, IDF, Starhome (Comverse), Malam, Cisco, IDI, IDIT, Isracard, Virtual Tweens, Amobee, SolarEdge, Checkpoint, Cadence, Evolgen, ExLibris, Retalix, Schema, Time To Know and others.

- **Senior Developer**

Oct 2004 - Jan 2007 · 2 yrs 4 mos

Working on various projects in BMC Software Israel



# The Phoenix Project

***NOT A SINGLE  
DEVELOPER!***





About 350,000,000 results (0.40 seconds)



Amazon.com

<https://aws.amazon.com> › devops › what-is-devops

## What is DevOps? - DevOps Models Explained

DevOps is the combination of cultural philosophies, practices, and tools that increases an organization's ability to deliver applications and services at ...

[AWS DevOps Competency](#) · [What is Continuous Integration?](#)



Atlassian

<https://www.atlassian.com> › devops

## What is DevOps?

DevOps is a set of practices, tools, and a cultural philosophy that automate and integrate the processes between software development and IT teams.



GitLab

<https://about.gitlab.com> › topics › devops

## What is DevOps?

DevOps is a combination of software development (dev) and operations (ops). It is defined as a software engineering methodology which aims to integrate the work ...

[Continuous Delivery \(CD\): Continuous deliver...](#) [Agile: Agile development means taking iter...](#)

[Continuous Integration \(CI\): The practice of re...](#) [Version control: The fundamental practice o...](#)

[DevOps explained](#) · [The four phases of DevOps](#) · [The DevOps lifecycle and how...](#)



Microsoft

<https://learn.microsoft.com> › en-us › what-is-devops

## What is DevOps?

Jan 25, 2023 — DevOps enables coordination and collaboration between formerly siloed roles like development, IT operations, quality engineering, and security.



**Y THO...**



## As a Linux system administrator, how do I shift my career to DevOps?



**Disha Rathod**

DevOps Online Trainer (2013–present) · 5y

Hi,

Being a Linux administrator will help you to easily get started with DevOps because it starts with learning Linux fundamentals, DevOps also includes cloud computing concepts like AWS. More importantly DevOps is all about tools, it comes with hundreds of tools **Gits**, Chef, Maven, Jenkins, Puppet, Docker are modern and most popular DevOps tools.

So in order to move into DevOps industries you should have prominent knowledge following concepts

1. Linux Fundamental; Shell Scripting
2. Cloud Computing (AWS)
3. DevOps Fundamentals
4. Software Development Life Cycle
5. Continuous Integration, Deployment, and Delivery.
6. DevOps Tools: **Gits**, Chef, Maven, **#DPE** Jenkins, Puppet, Docker etc.

# System Administrator Salary

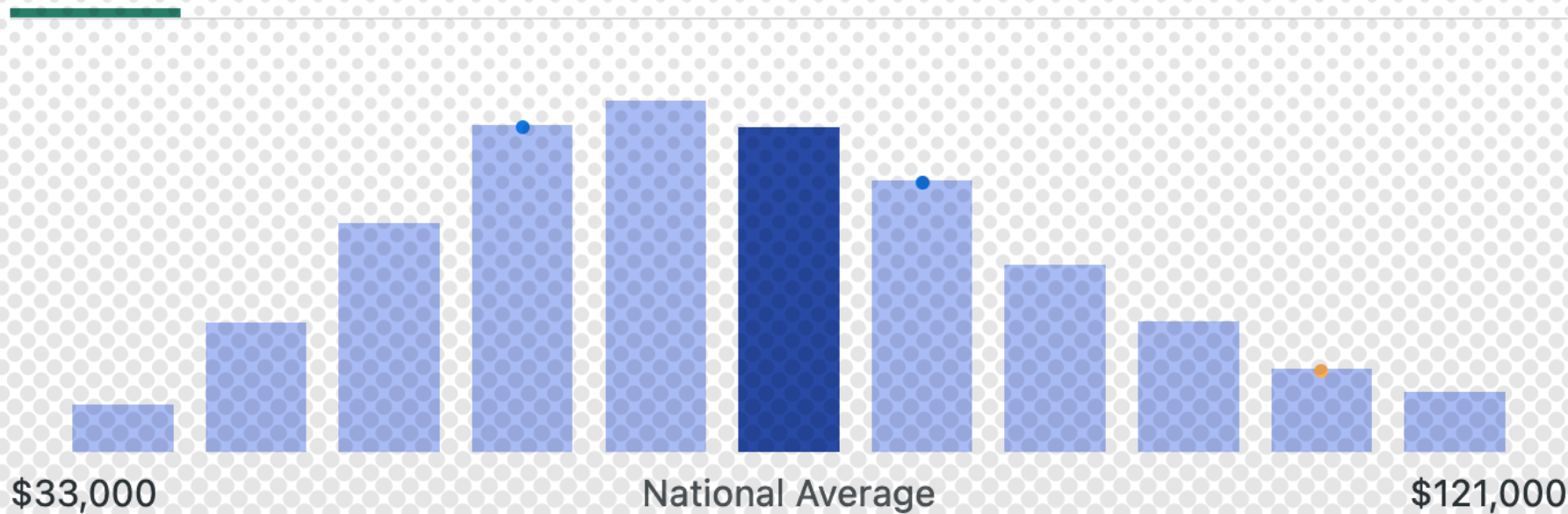
Yearly

Monthly

Weekly

Hourly

Table View



**\$76,644** /year

**\$37** /hour

# Devops Engineer Salary

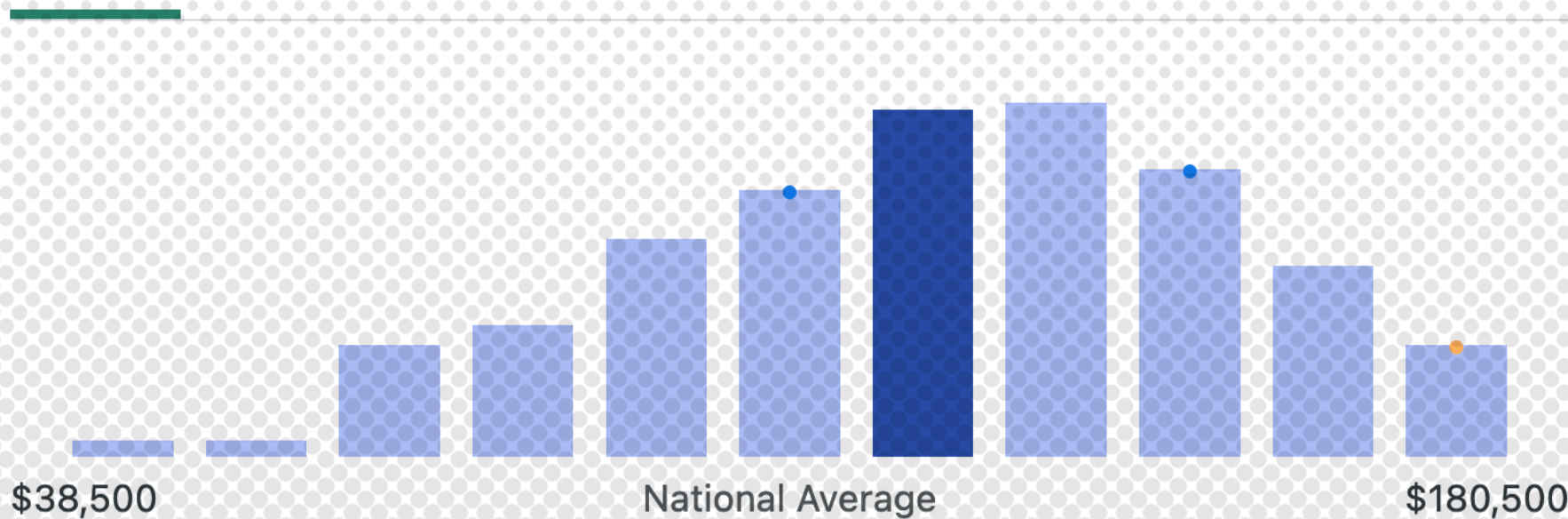
Yearly

Monthly

Weekly

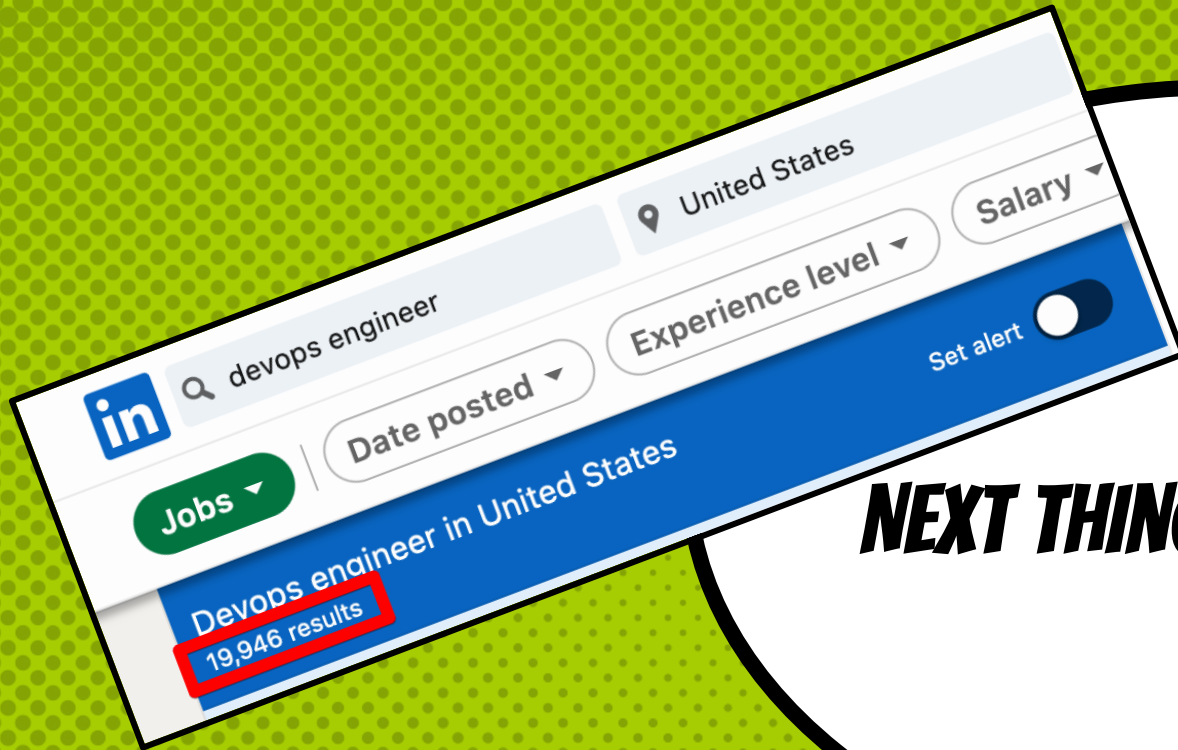
Hourly

Table View



**\$127,036** /year

**\$617** /hour



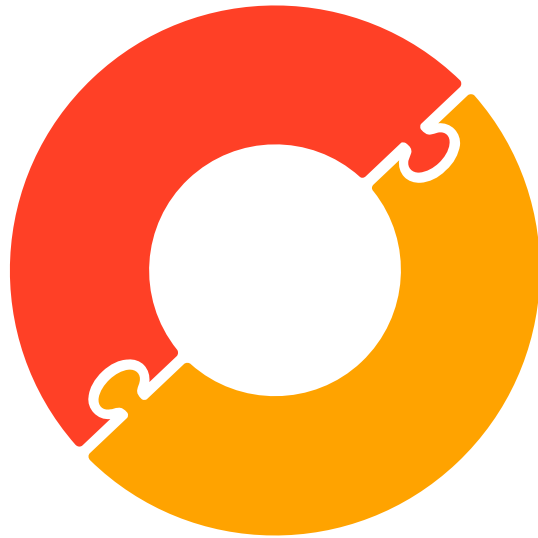
***NEXT THING YOU KNOW...***

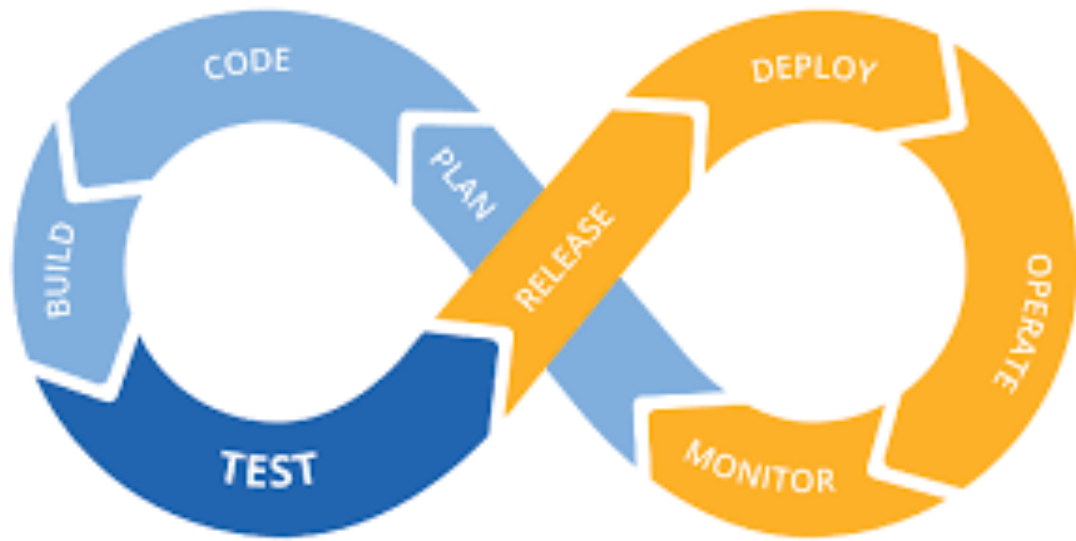


**AND THIS:**



# ***CAUSE AND EFFECT?***







@jbaruch

#DPE

speaking.jbaru.ch



**AGILE!**



Accelerate

# State of DevOps 2021



Time Spent	Elite	High
NEW WORK	50%	50%
Unplanned work and rework	19.5%	20% <sup>a</sup>
Remediating security issues	5%	5% <sup>b</sup>
Working on defects identified by end users	10%	10% <sup>c</sup>
Customer support work	5%	10%

## ***TYPES OF WORK ACCORDING TO DEVOPS***

Planned Work	Business projects or new features
Internal Projects	Server migrations, software updates and so on
Changes	Driven by feedback on completed work
Unplanned Work	Support escalations and emergency outages

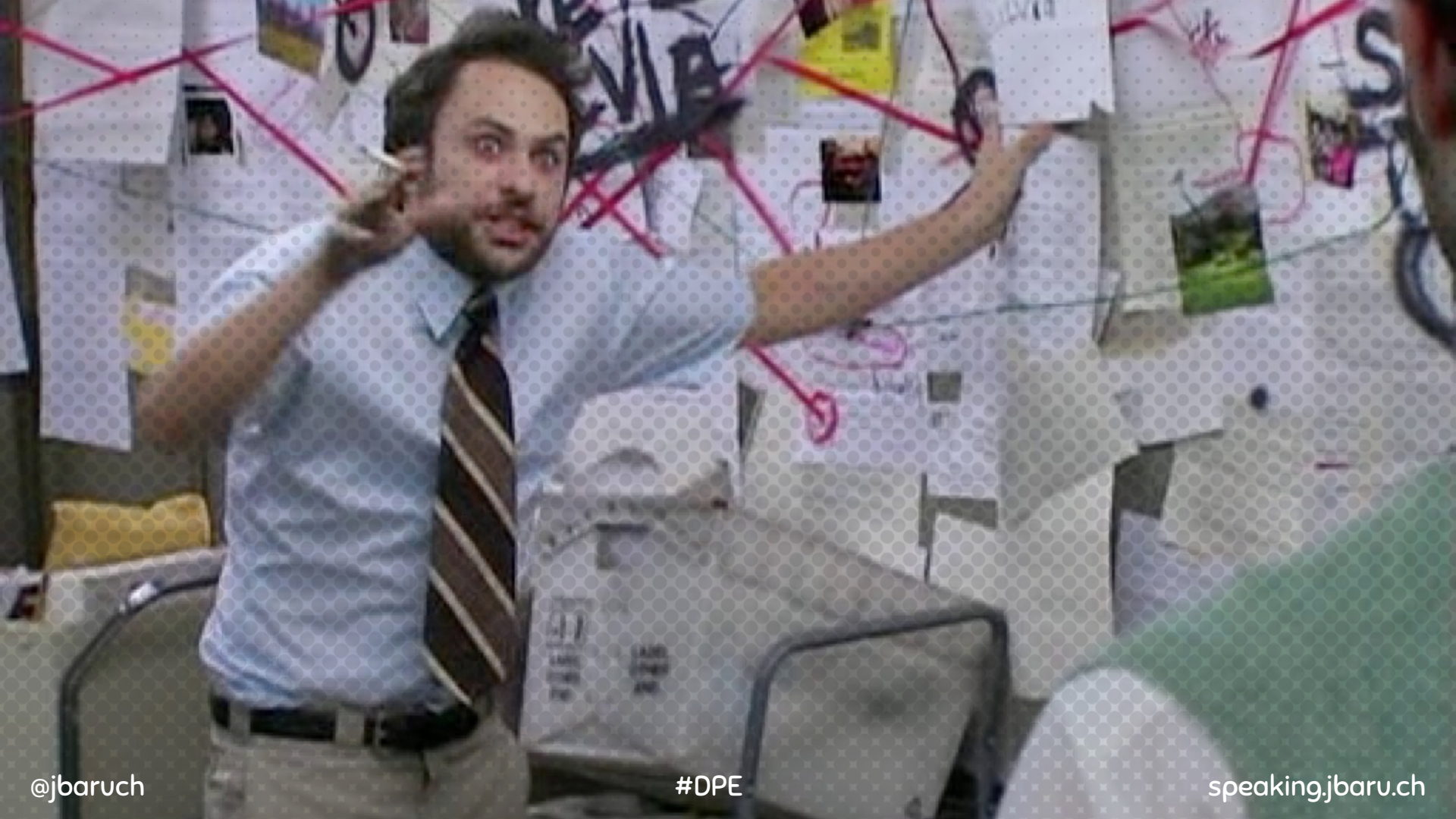


***SO  
FASCINATING...***



# ***TYPES OF WORK ACCORDING TO DEVELOPERS***

New Features	Writing code
Refactoring	Writing code
Bug Fixes	Writing code



@jbaruch

#DPE

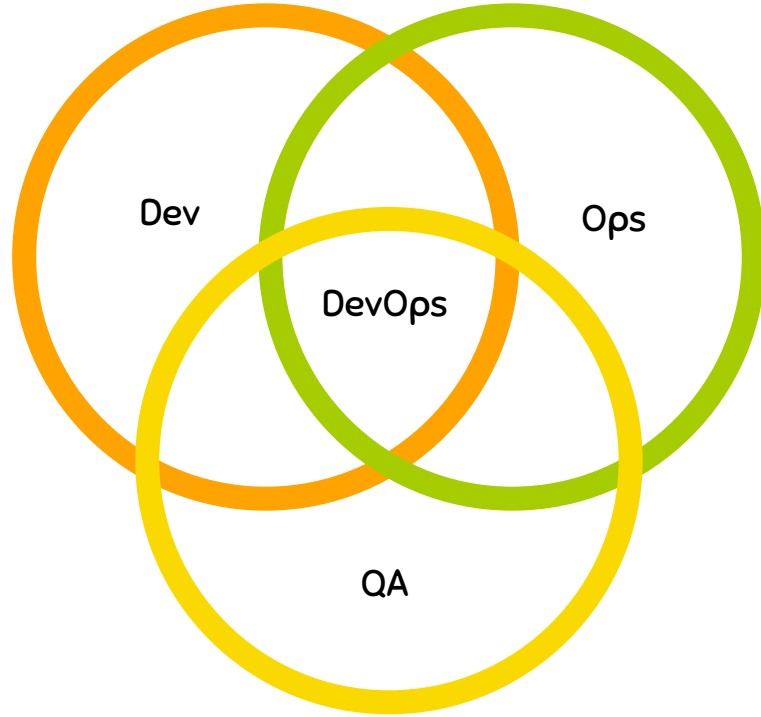
speaking.jbaru.ch

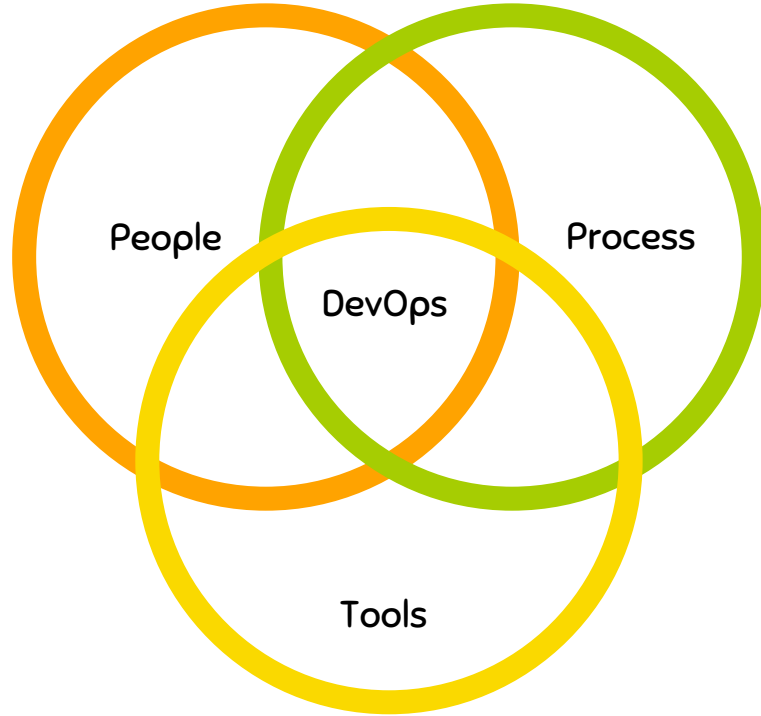
***10 YEARS OF TRYING...  
AND DEVELOPERS STILL  
AREN'T EXCITED ABOUT  
DEVOPS***

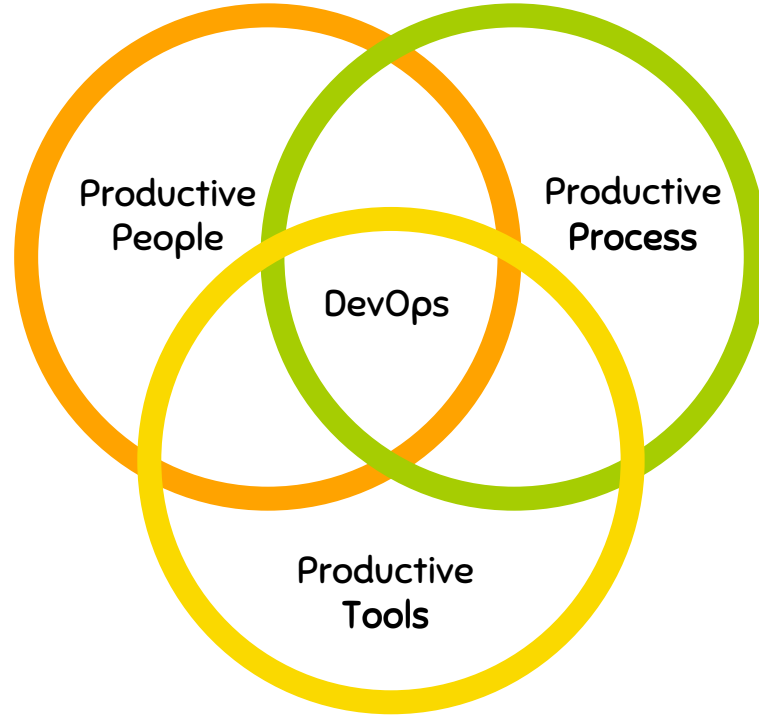


**HOW DO WE GO  
FROM 😞 TO 😄 ?!**

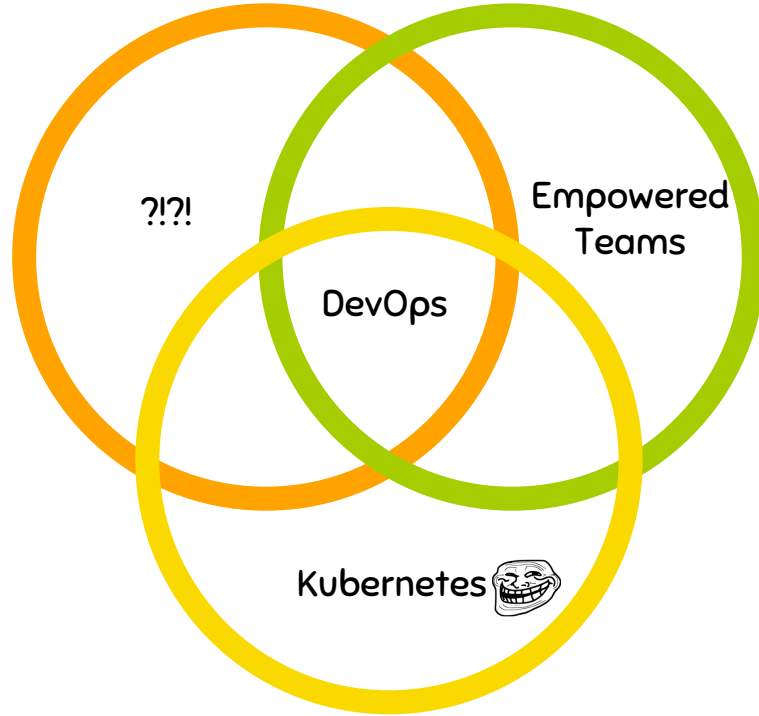












# THE PAIN IS REAL

GRADLE ENTERPRISE CUSTOMER STATISTIC

## Builds and Tests are Slow!

92% of surveyed IT organizations experienced challenges with too much time spent waiting on build and test feedback.



Source: TechValidate survey of 26 users of Gradle Enterprise

Validated Published: Mar. 31, 2023 TVID: C42-7D4-678



TechValidate

GRADLE ENTERPRISE CUSTOMER RESEARCH

## Developer Pain Points

Which of the following challenges or pain points did your organization experience prior to implementing Developer Productivity Engineering?

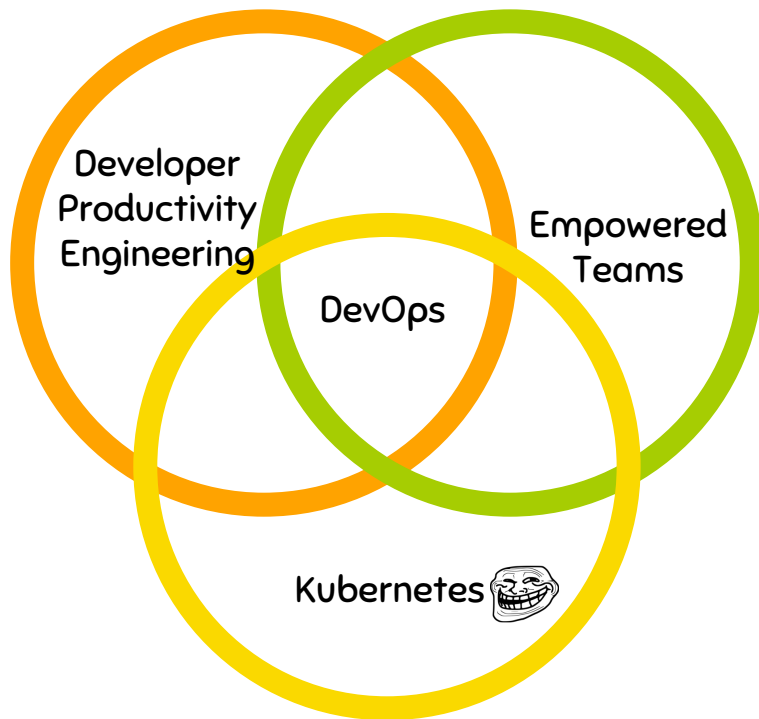


Source: TechValidate survey of 20 users of Gradle Enterprise

Validated Published: Nov. 1, 2021 TVID: BAF-00D-A05



TechValidate



# ***DEVELOPER PRODUCTIVITY ENGINEERING***

Foster Faster Feedback

Collaborate through  
Effective Tooling

Embrace Rigorous  
Observability for  
Proactive Improvement

Eliminate Toil for  
Developers

Prioritize Automation  
and Eliminate  
Bottlenecks

Dedicated  
Organizational Mindset

Outcomes Over Output

## ***DEVOPS AGAINST DEVELOPERS?***

- × DevOps mainly solves Ops' concerns by making processes and ops tools more productive
- × Developer Productivity Engineering makes devs more productive
- × This is how we bring developers into the fold of DevOps

# ***THANKS!***



Q&A and Twitter (BSky?) ads:

x @jbaruch

x [speaking.jbaru.ch](https://speaking.jbaru.ch)