Avoiding the DevOps pit of misery: Tips from the trenches

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Dilly, Dilly

Image credits:

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What is the DevOps pit of misery?
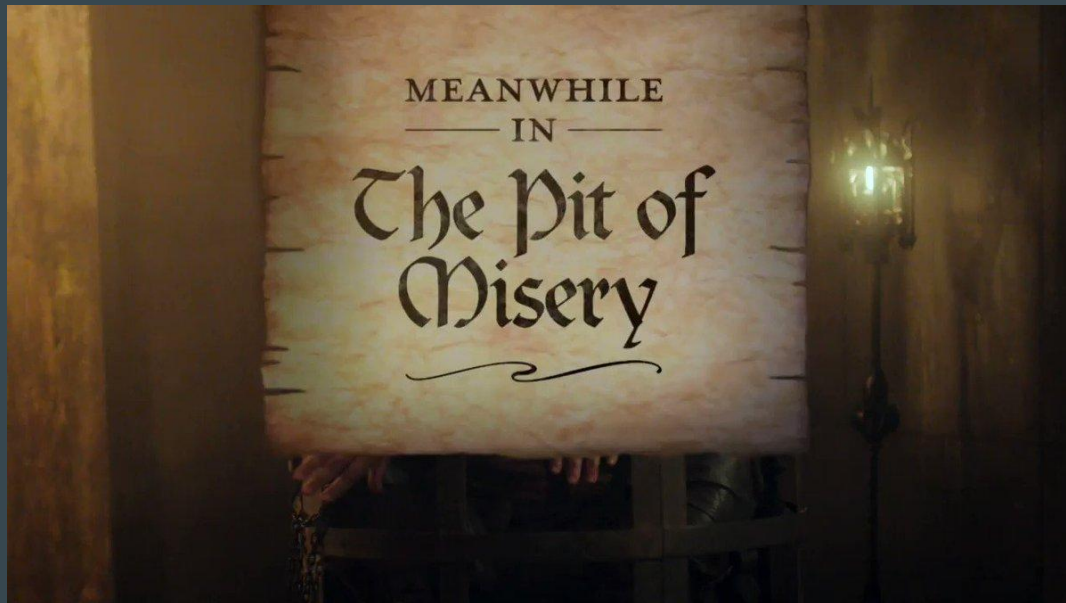
Image credits: https://twitter.com/budlight/status/934851751655636993 (Attributed to Bud Light)

What is DevOps?

What DevOps is not

Image credits: https://opensource.com/article/17/10/dear-devops (Opensource.com)

What is the purpose of DevOps?

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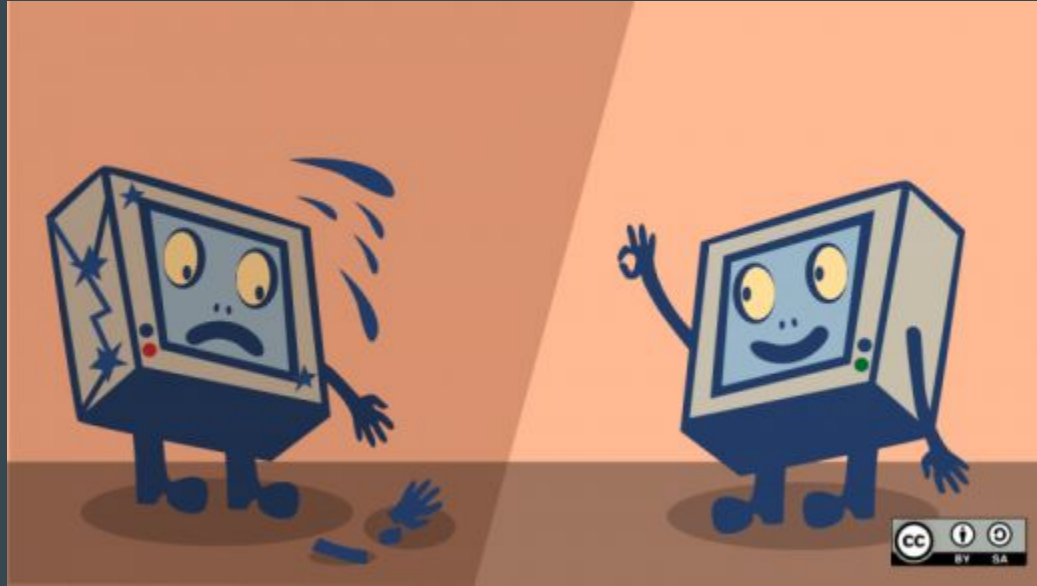
Why DevOps?

Image credits: https://opensource.com/article/16/12/yearbook-linux-test-driving-distros (Opensource.com)

46x

46 times more frequent code deployments

Source: 2017 State of DevOps Report (Puppet Labs)

440x

440 times faster lead time from commit to deploy

Source: 2017 State of DevOps Report (Puppet Labs)

5x

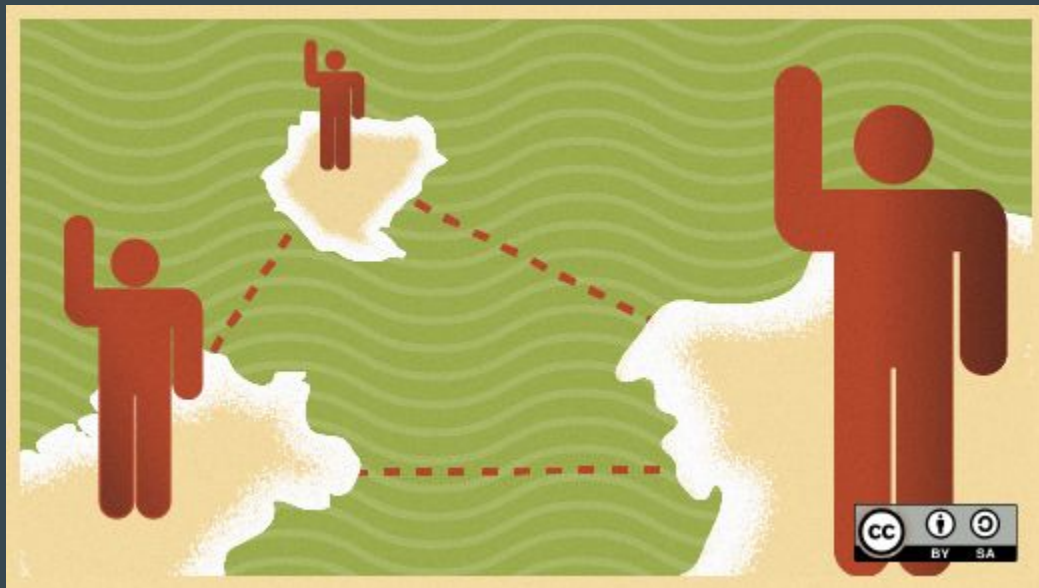5 times lower change failure rate (changes are 1/5 as likely to fail)

Source: [2017 State of DevOps Report](#) (Puppet Labs)

96x

96 times faster mean time to recover from downtime

Source: [2017 State of DevOps Report](#) (Puppet Labs)

DevOps: The three ways

- The First Way: Systems thinking
- The Second Way: Amplify feedback loops
- The Third Way: Culture of continual experimentation and learning

Source: IT Revolution

Who drives culture in DevOps?

"Writing a few bullet points and printing them on colorful posters is not leadership." -- Chris Short

Why is change so hard?

"The primary need is not overcoming resistance but enabling and supporting people to adapt." -- Dr. Alison Eyring

CMO.com

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54%

54% of C-suite executives polled by management consultancy A.T. Kearney said that **having a corporate culture unable to embrace digital technologies was one of their biggest barriers**. Source: CMO.com

Diversity on your team

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Diversity & DevOps outcomes

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35%

"Analysis of the data from the group of 366 companies indicates racially/ethnic diverse organizations were 35 percent more likely **to have financial returns above their national industry median**"

Source: McKinsey & Company Why Diversity Matters

Fail early, fail often
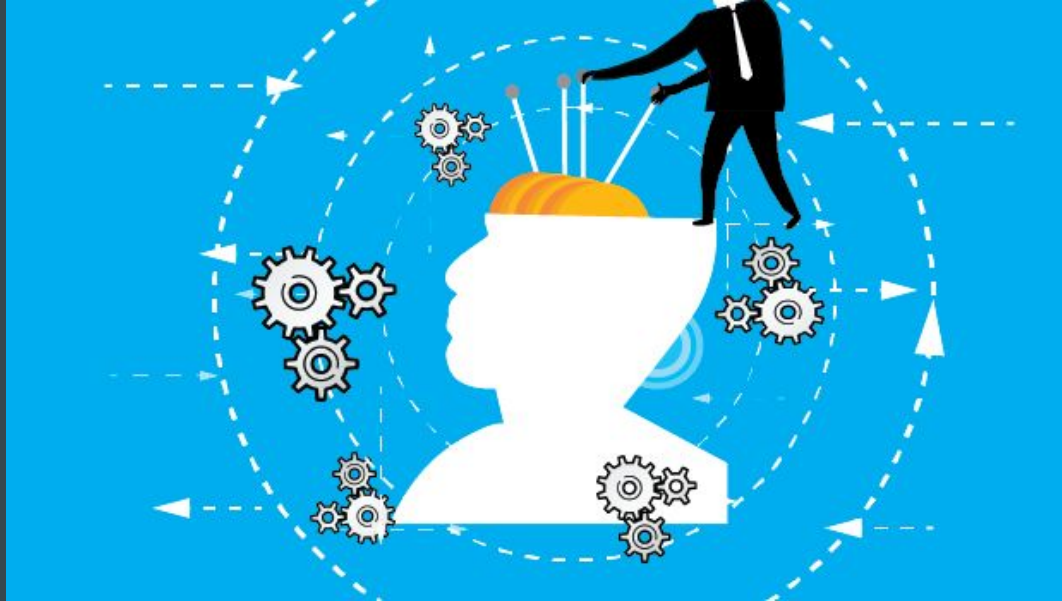
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Why is "failure" so hard?

Image credits: https://enterprisersproject.com/article/2017/10/why-agile-leaders-must-move-beyond-talking-about-failure
(Enterprisers Project)

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Tips from the trenches:
Avoiding the pit of misery

Identify your stakeholders

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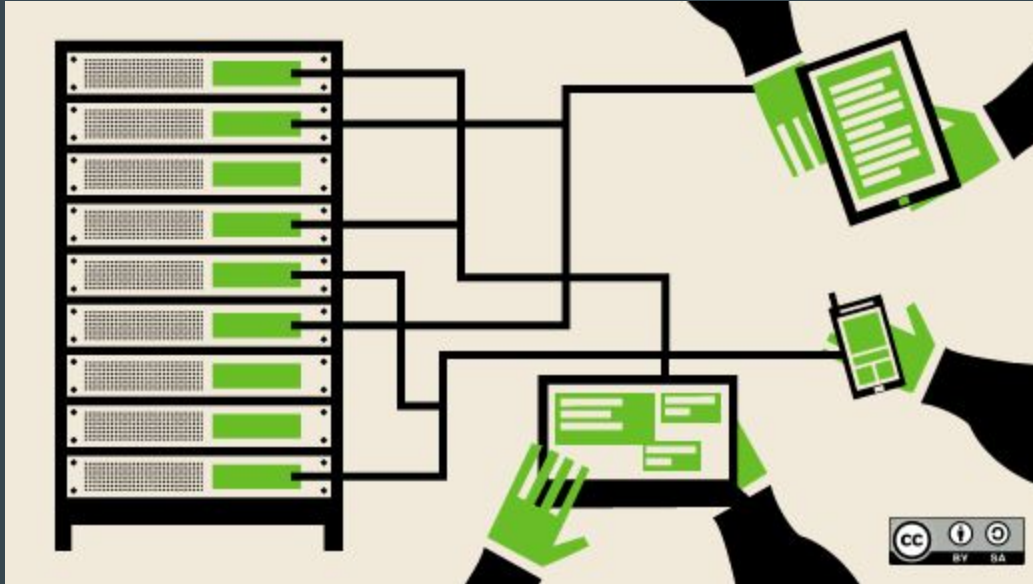
Set goals *AND* measure them

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Establish processes: Then test and iterate

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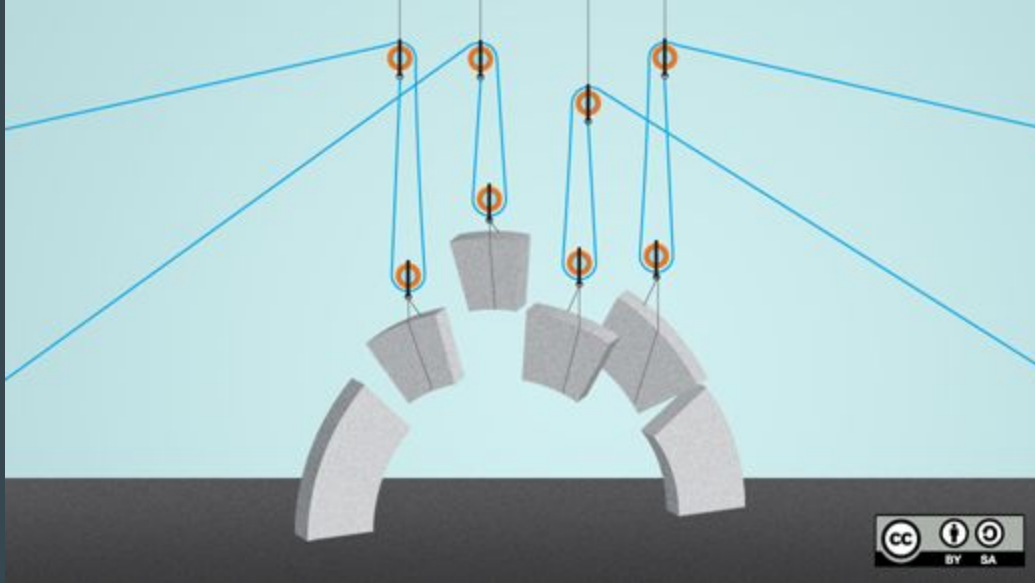
Start your delivery
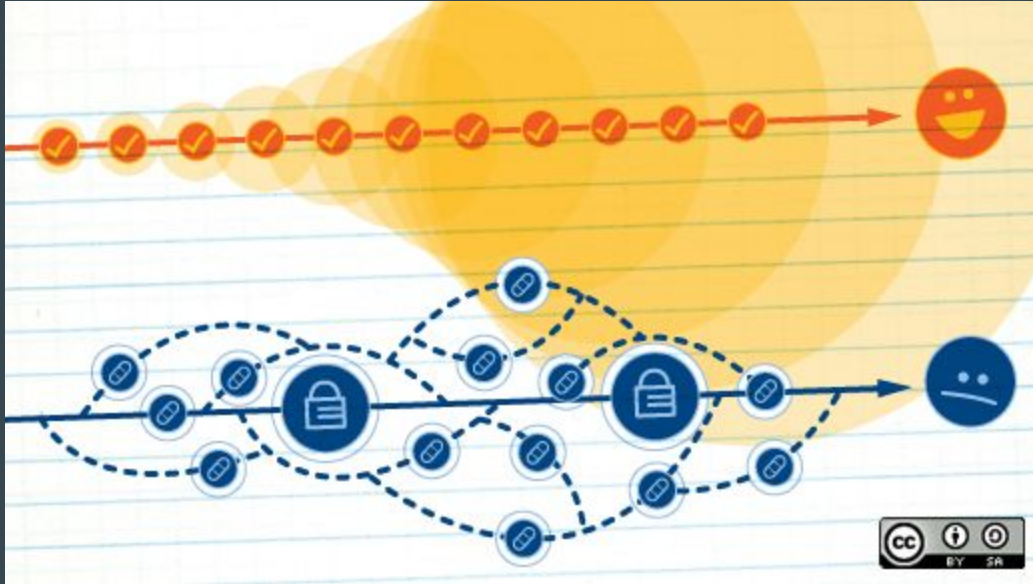
Image credits: https://opensource.com/business/15/6/interview-jen-krieger-redhat (Opensource.com)

Recognition: Successes and failures

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Attend events and grow your network

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Must read DevOps resources

Image credits: https://opensource.com/article/17/12/10-must-read-devops-books (Opensource.com)

Join the Open Source DevOps Team

https://opensource.com/devops-team

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