#### One Million Builds, Only One\* Page

**Operating Internal Services Without Heroics** 

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A screenshot of the Octopus Deploy downloads page, listing release notes for four recent versions.

## Way Back in Time (2021)

#### Starting with the basics



## Outside working hours FTW

## Outside working hours FTW?

#### Story Time

a.k.a. what the rest of the talk will cover

- Expectation Management
- Technical Choices
- ???
- Profit!

## **Expectation Management**















A diagram of the Rasmussen Model of Dynamic Safety, with a red arrow showing the 'operating point' of the system moving toward the 'Boundary to Economic Failure'

#### Story Time

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#### **Story Time**

a.k.a. what the rest of the talk will cover

- Expectation Management
- RIF
- Technical Choices
- ???
- Profit!





A map of Australia and New Zealand, with koalas on Melbourne and Sydney, and ghosts on several other towns in both countries.



## Lean into 'The Cloud™'

#### HA/Replicate All The Things

#### But... Byzantine Failure!



#### Cost Aware But Not Cost Afraid



#### Sometimes it's a Monday



A screenshot of a SQL query showing 1,589,196 as the value of unique\_build\_count.



#### **Onboarding challenges**

"Failure free operations require experience with failure." Richard Cook, <u>https://how.complexsystems.fail</u>

## Global growth of the company



The shrug emoji.





# Acknowledgements

#### Cail Young @cail.bsky.social Bluesky, obviously. We don't talk about the other place. https://linkedin.com/in/cailyoung

Questions?