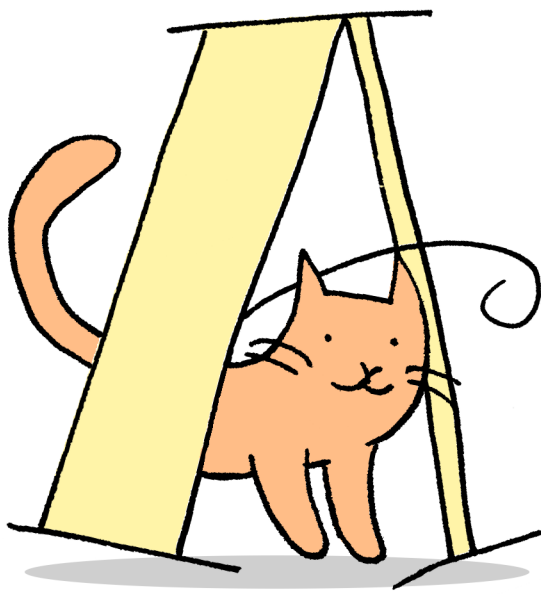
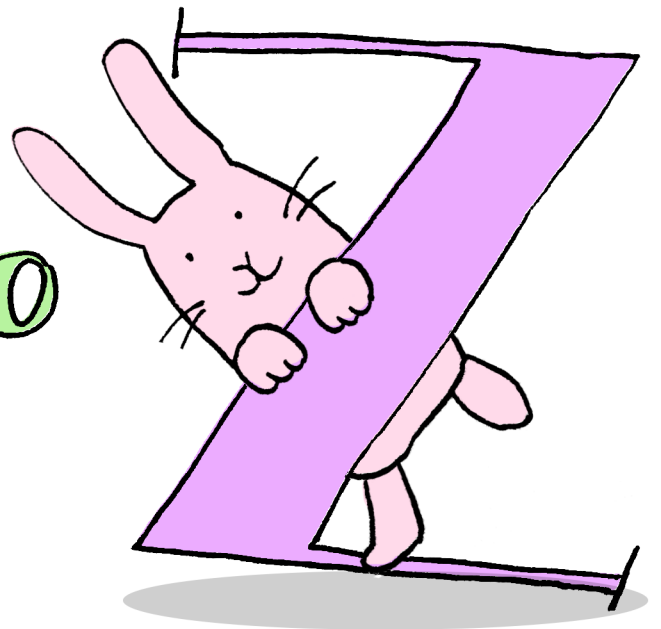


a  
children's



to



of  
Continuous Delivery

by Denise Yu & Steve Smith

# A Children's A to Z of Continuous Delivery

Denise Yu and Steve Smith

This book is for sale at <http://leanpub.com/achildrensatozofcontinuousdelivery>

This version was published on 2020-09-03



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# Also By Steve Smith

Build Quality In

Measuring Continuous Delivery

*Denise dedication: To my family and all my colleagues who laughed at my jokes about cats  
using computers*

*Steve dedication: To Rupa, Amara, and Serena*

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# Foreword by Dave Farley

TODO



Dave Farley

*Dave Farley is a thought leader in Continuous Delivery. He is co-author of the Jolt-award winning book “Continuous Delivery”, a regular conference speaker, and one of the authors of the Reactive Manifesto. Dave is the former Head of Development at LMAX, home of the OSS Disruptor, and a company well known for the excellence of its code and the exemplary nature of its development process. Dave is now an independent developer and consultant, and founder and director of Continuous Delivery Ltd.*

# About Denise Yu



Denise is a software engineer at Pivotal Cloud Foundry. She speaks regularly at Meetups and conferences in Europe, North America, and Asia on a wide range of topics including continuous delivery, organisational culture, infrastructure-as-code, test-driven development, and diversity and inclusion in the tech industry.

When she is not expounding the benefits of statically-typed languages, she is often mixing art, technology, and education in the form of sketchnoting. She creates visual explanations of technical concepts, often using cats as stand-ins for end users and sysadmins. Her work can be seen at [sketch-ops.tumblr.com](https://sketch-ops.tumblr.com) and on her twitter account: [twitter.com/deniseyu](https://twitter.com/deniseyu).

# About Steve Smith



Steve Smith is a Continuous Delivery consultant at [Continuous Delivery Consulting Ltd](https://www.continuousdeliveryconsulting.com)<sup>1</sup>. Steve has been helping organisations adopt Continuous Delivery since 2007, and has overseen large-scale transformation programmes for up to 60 teams at a time.

Steve is the author of *Measuring Continuous Delivery*<sup>2</sup> a co-author of *Build Quality In*<sup>3</sup>, and a regular conference speaker<sup>4</sup>.

Steve blogs at [Continuous Delivery Consulting](https://www.continuousdeliveryconsulting.com/blog)<sup>5</sup> and is on Twitter at [@SteveSmithCD](https://twitter.com/SteveSmithCD)<sup>6</sup>. He lives in North London with his wife and children.

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<sup>1</sup><https://www.continuousdeliveryconsulting.com>

<sup>2</sup><https://www.leanpub.com/measuringcontinuousdelivery>

<sup>3</sup><https://www.leanpub.com/buildqualityin>

<sup>4</sup><https://www.continuousdeliveryconsulting.com/events>

<sup>5</sup><https://www.continuousdeliveryconsulting.com/blog>

<sup>6</sup><https://twitter.com/SteveSmithCD>



# What is Continuous Delivery?

Many organisations lack a software delivery process that satisfies business demand. That leaves them in a state of Discontinuous Delivery, and they're vulnerable to competition.

Continuous Delivery (CD) is a set of holistic principles and practices, used to improve software delivery and satisfy business demand. They were first set out by Dave Farley and Jez Humble in their 2010 book *Continuous Delivery*.

Adopting CD means implementing a set of recommended technology and organisational changes, to create a repeatable and reliable delivery process. The central pattern is the Deployment Pipeline, which represents a pull-based automated toolchain from developer commit to production deployment. Every code, config, or infrastructure change must pass a series of automated and exploratory tests prior to production deployment.



These technology and organisational changes are hard. Applying them to the unique circumstances and constraints of an organisation is what makes CD super duper hard.