Recommended Resources

# **Internet Resources**

Ashley Hunsberger’s test suite canvas <https://github.com/ahunsberger/TestSuiteDesign>

Charity Majors’ blog, lots on monitoring and observability:<https://charity.wtf/>

“Architecting for Continuous Delivery”, Vishal Naik, <https://www.thoughtworks.com/insights/blog/architecting-continuous-delivery> “...the goal of CD is to be able to release software frequently, and reliably, in a frictionless manner.”

“Continuous Testing”, Jez Humble, <https://continuousdelivery.com/foundations/test-automation/> “Get started by building a skeleton deployment pipeline—create a single unit test, a single acceptance test, an automated deployment script that stands up an exploratory testing environment, and thread them together. Then increase test coverage and extend your deployment pipeline as your product or service evolves.” *Also from Jez:* [*https://continuousdelivery.com/*](https://continuousdelivery.com/)

“Incremental Steps to Continuous Releases”, Maaret Pyhäjärvi , <http://visible-quality.blogspot.com/2017/05/incremental-steps-to-continuous-releases.html> “...this fundamentally changes the testing I do. It enables me to test each change, isolate it and see its impacts all the way through production.”

“Continuous Testing in DevOps”, Dan Ashby, <https://danashby.co.uk/2016/10/19/continuous-testing-in-devops/> “For me, testing fits at each and every single point in this (DevOps) model.”

“What Happens to Testing in Continuous Delivery”, Fanny Pittack, <https://www.slideshare.net/traumstoff/what-happens-to-testing-in-continuous-delivery>

“Testing in Production: Rethinking the Conventional Deployment Pipeline”, Jacob Winch, <https://www.theguardian.com/info/developer-blog/2016/dec/20/testing-in-production-rethinking-the-conventional-deployment-pipeline>

<https://dojo.ministryoftesting.com/lessons/the-tester-s-survival-guide-to-joining-a-continuous-delivery-project-amy-phillips> (behind the paywall for the Dojo – but worth paying for!)

“Human Pipeline: Optimize Your Feedback”. Gene Gotimer and Hilary Weaver Robb, a TestBash Circus activity to learn about pipelines, [https://dojo.ministryoftesting.com/lessons/human-pipeline-optimize-your-feedback](https://dojo.ministryoftesting.com/lessons/human-pipeline-optimize-your-feedback?s_id=4472)

“Tests Your Pipeline Might Be Missing”, TestBash talk from Gene Gotimer, <https://dojo.ministryoftesting.com/lessons/tests-your-pipeline-might-be-missing-gene-gotimer?s_id=4550>

“Fan-in Dependency Management”, <https://docs.gocd.org/current/advanced_usage/fan_in.html>

Honeycome.io “Guide: Achieving Observability” downloadable at <https://www.honeycomb.io/observability/>

# CI Tools and documentation

Circle CI: <https://circleci.com/docs/2.0/workflows/> (docs)

Concourse: <https://concourse.ci/introduction.html> (example) & [https://ci.concourse.ci/](https://ci.concourse.ci/teams/main/pipelines/main?groups=develop) (docs)

Jenkins: <https://ci.jenkins.io/job/Core/> (example) & <https://jenkins.io/doc/tutorials/> (docs / tutorial)

# Books

Humble, Jez, and David Farley, *Continuous Delivery: Reliable Software Releases through Build, Test and Deployment Automation*, Addison-Wesley, 2010.

Clokie, Katrina, *A Practical Guide to Testing in DevOps*, LeanPub, 2017.

Kim, Humble, Debois, Willis, *The DevOps Handbook*, IT Revolution Press, 2016.

Forsgren, Nicole, Jez Humble, Gene Kim, *Accelerate: The Science of Lean Software and DevOps: Building and Scaling High Performing Technology Organizations*, 2018