



DEVOPS AND CONTINUOUS DELIVERY Reference Architectures

Volume 2 (2016)

Derek E. Weeks (@weekstweets)

VP and DevOps Advocate

Sonatype

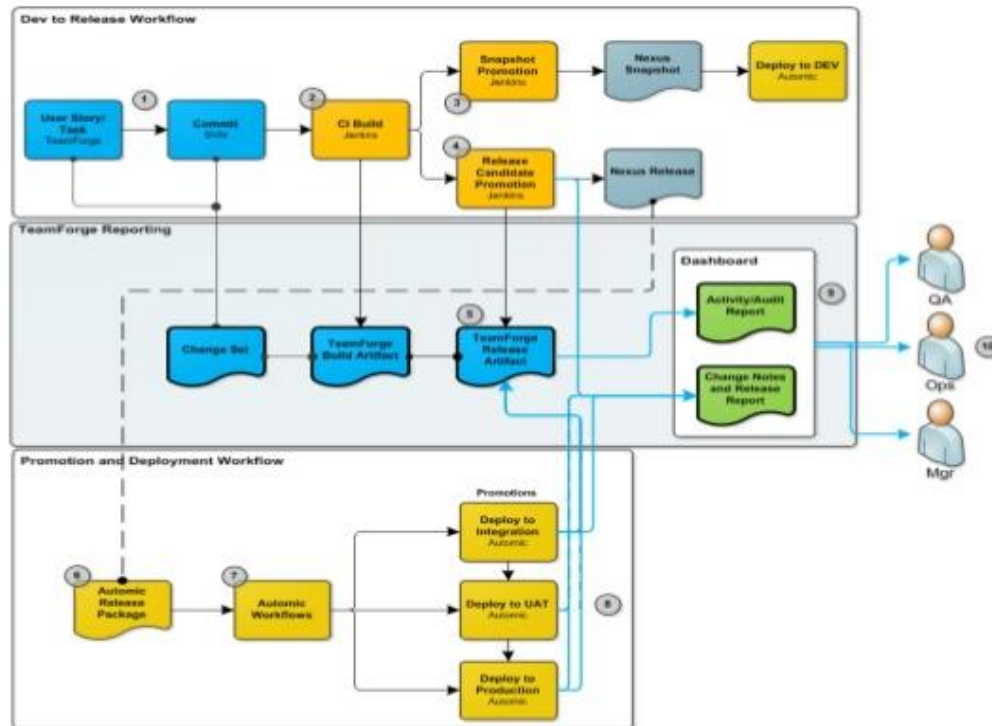


Common Elements of the Software Supply Chain



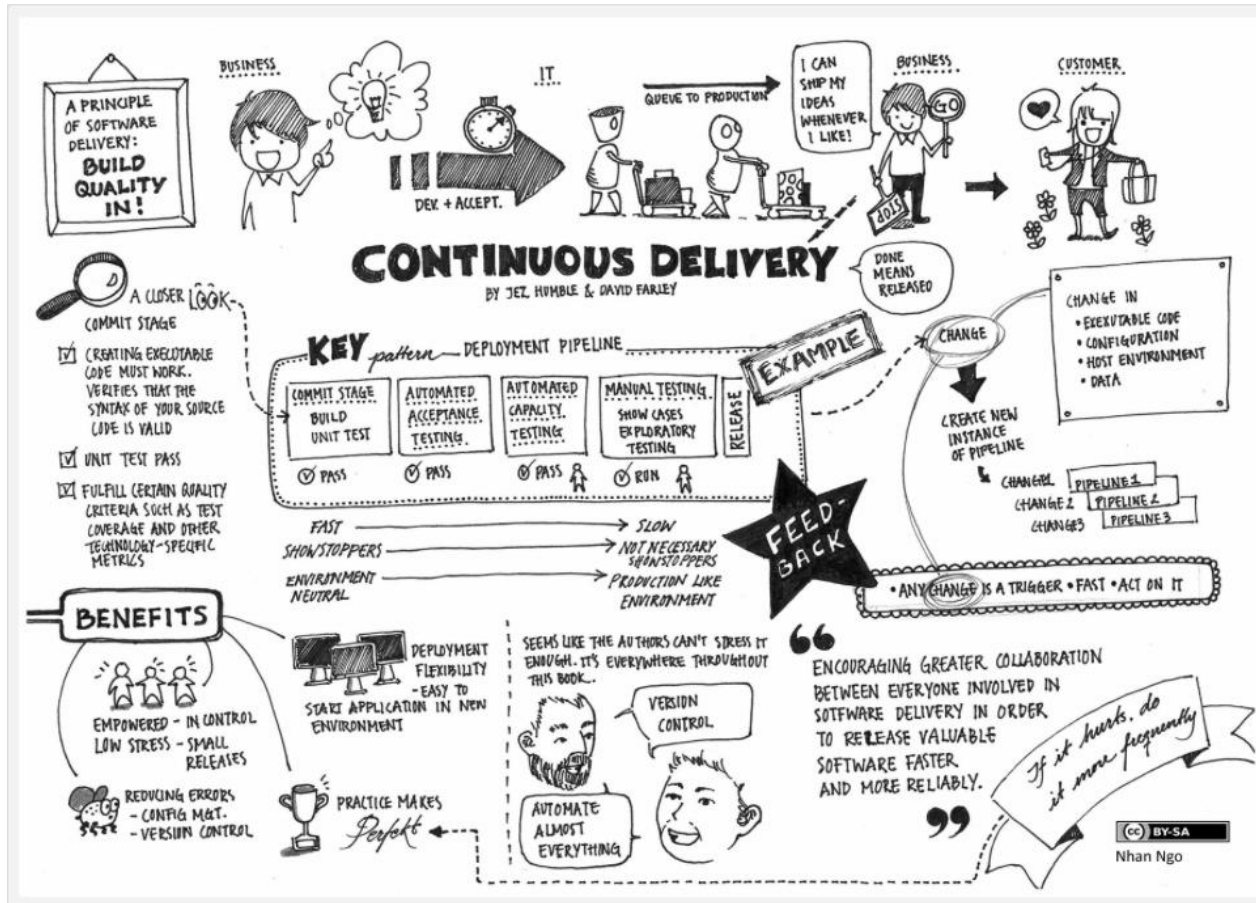
According to CollabNet

A scalable DevOps reference architecture



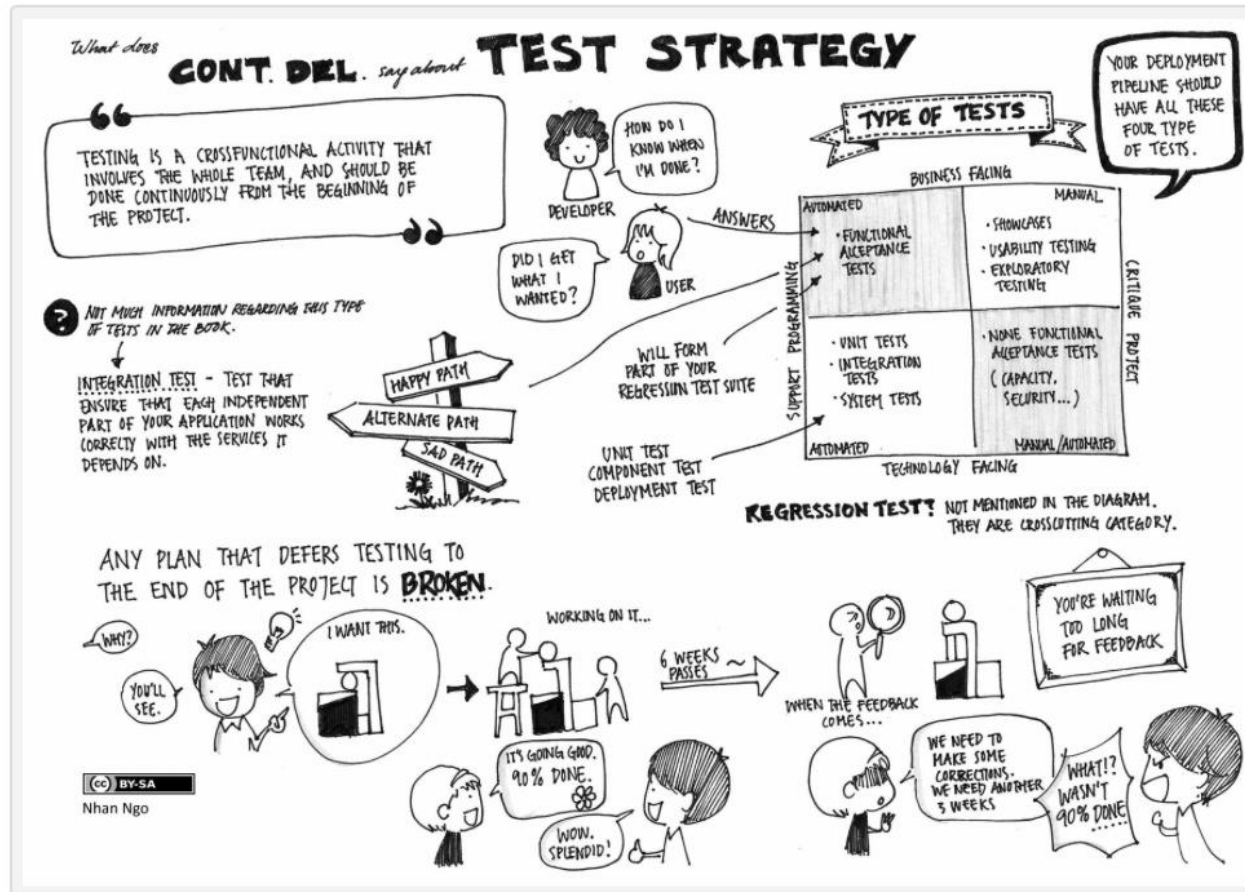
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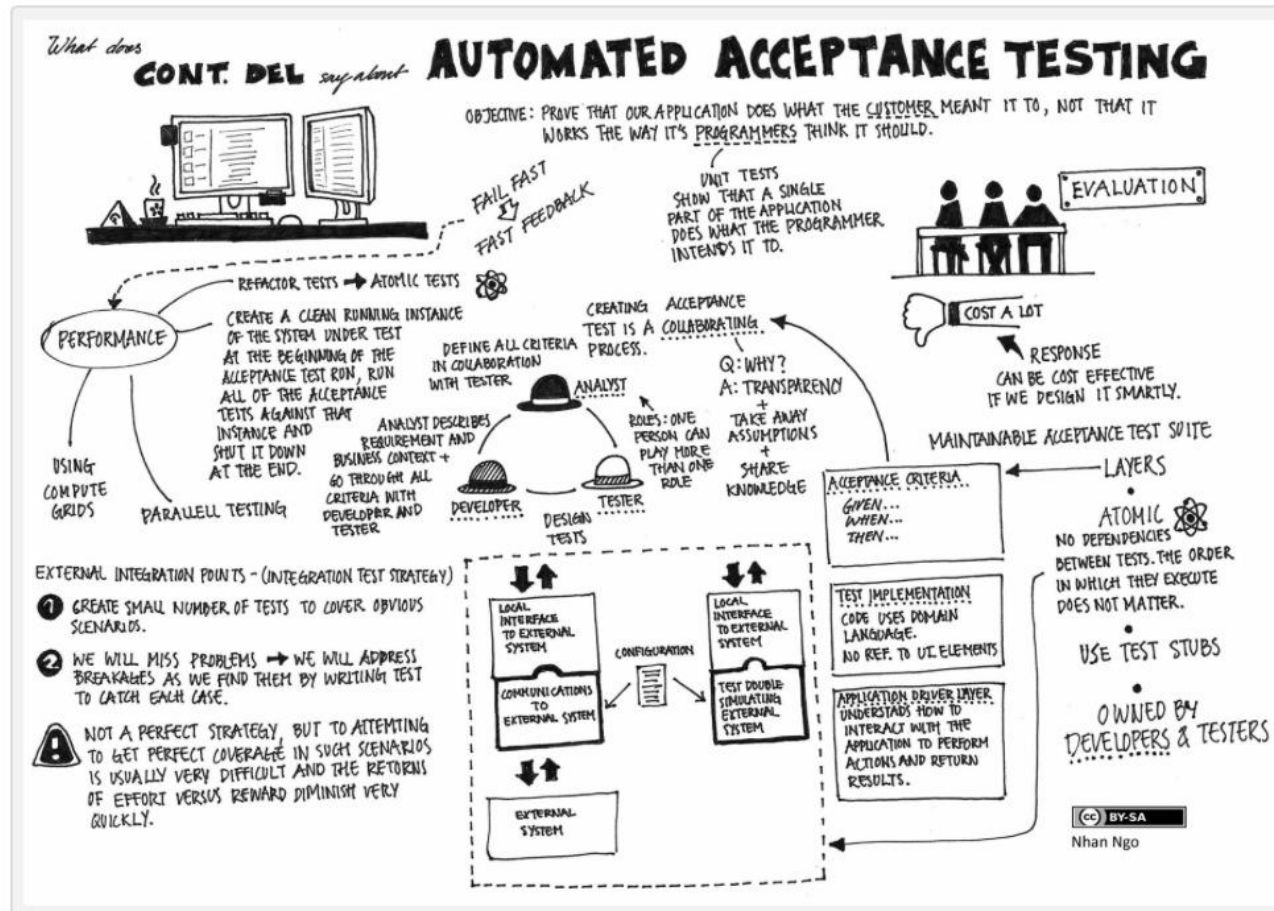
Source: <http://continuousdelivery.com>

According to Nhan Ngo



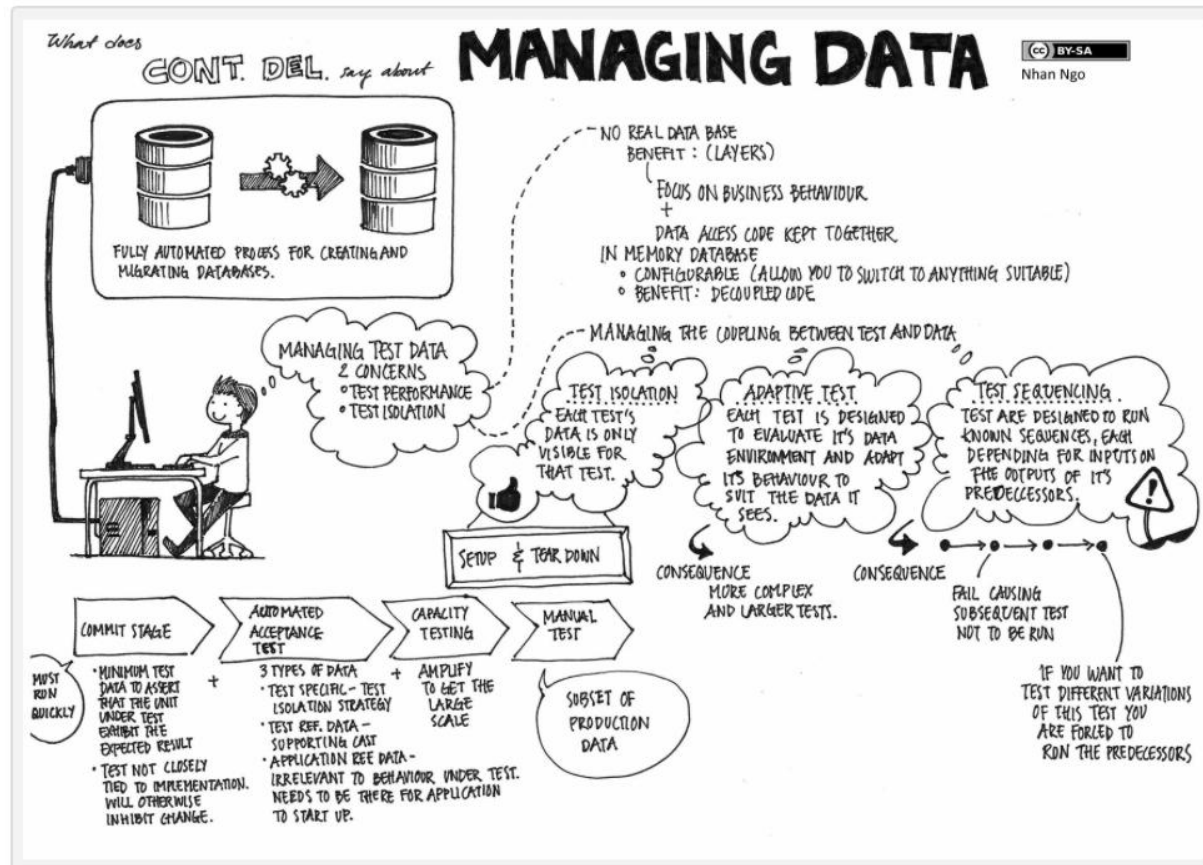
Source: <http://continuousdelivery.com>

According to Nhan Ngo



Source: <http://continuousdelivery.com>

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Source: <http://continuousdelivery.com>

According to WS02



A Reference Architecture DevOps both dev and ops perspective

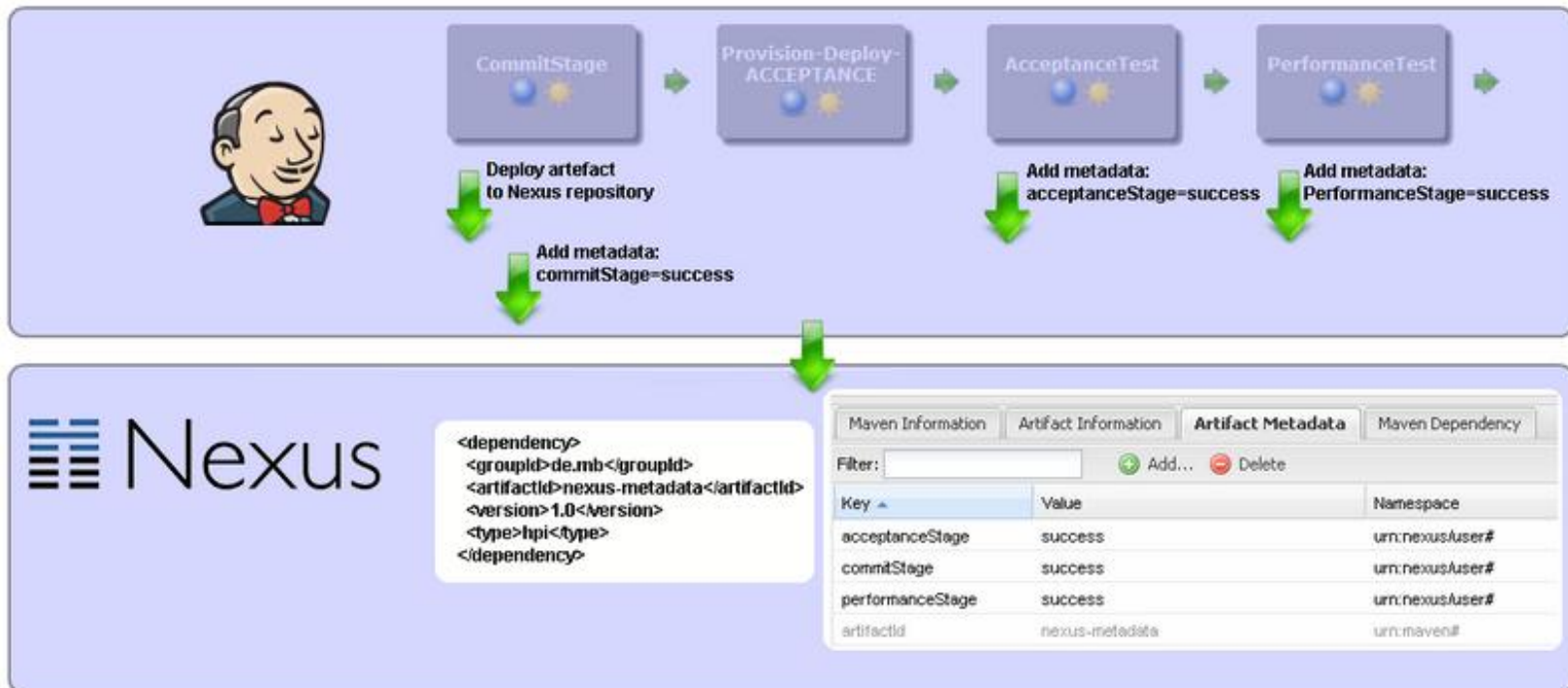
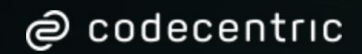


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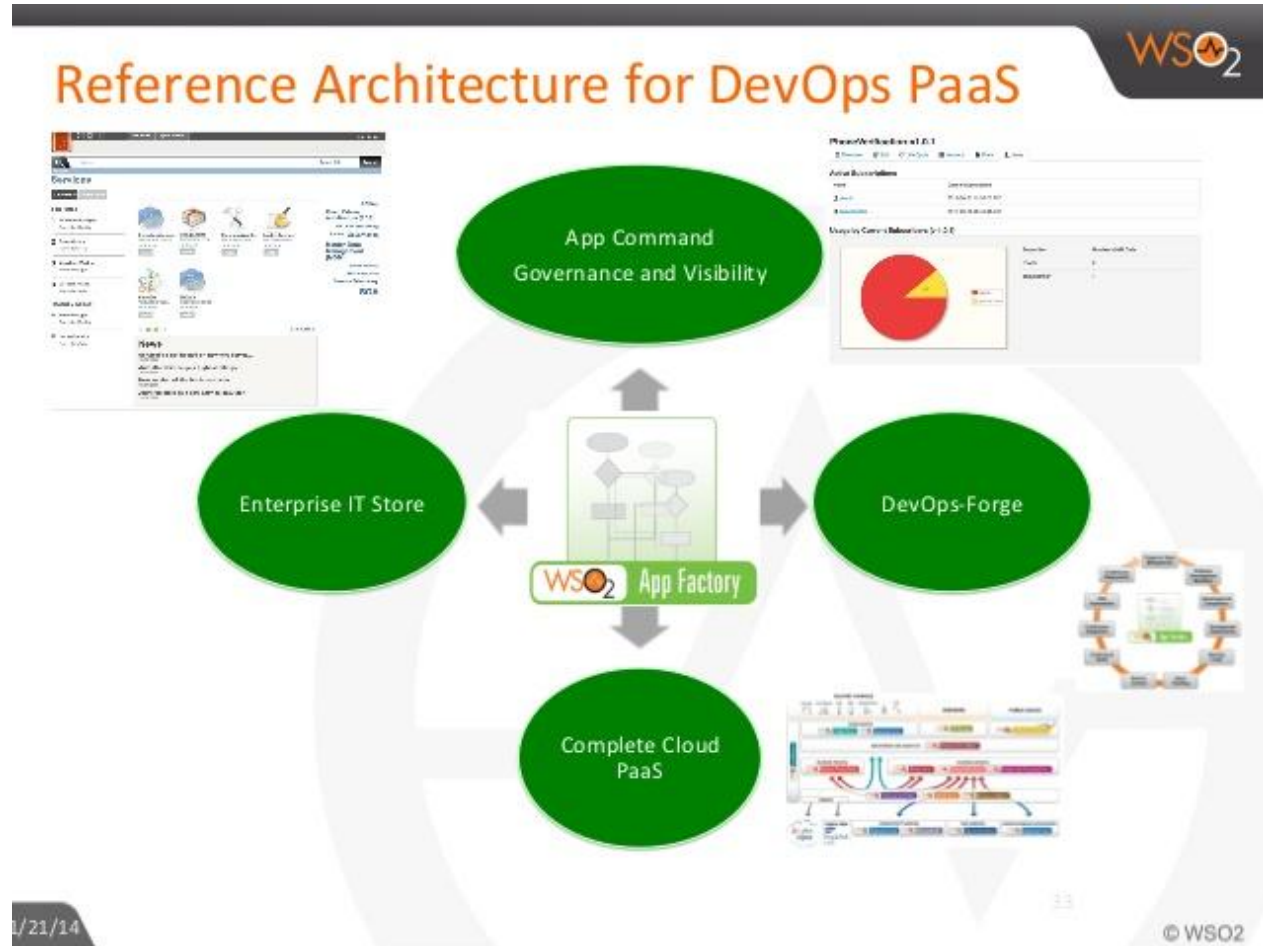
Source: <http://www.slideshare.net/cobiacomm/driving-enterprise-architecture-redesign-cloudnative-platforms-apis-and-devops>

According to CodeCentric



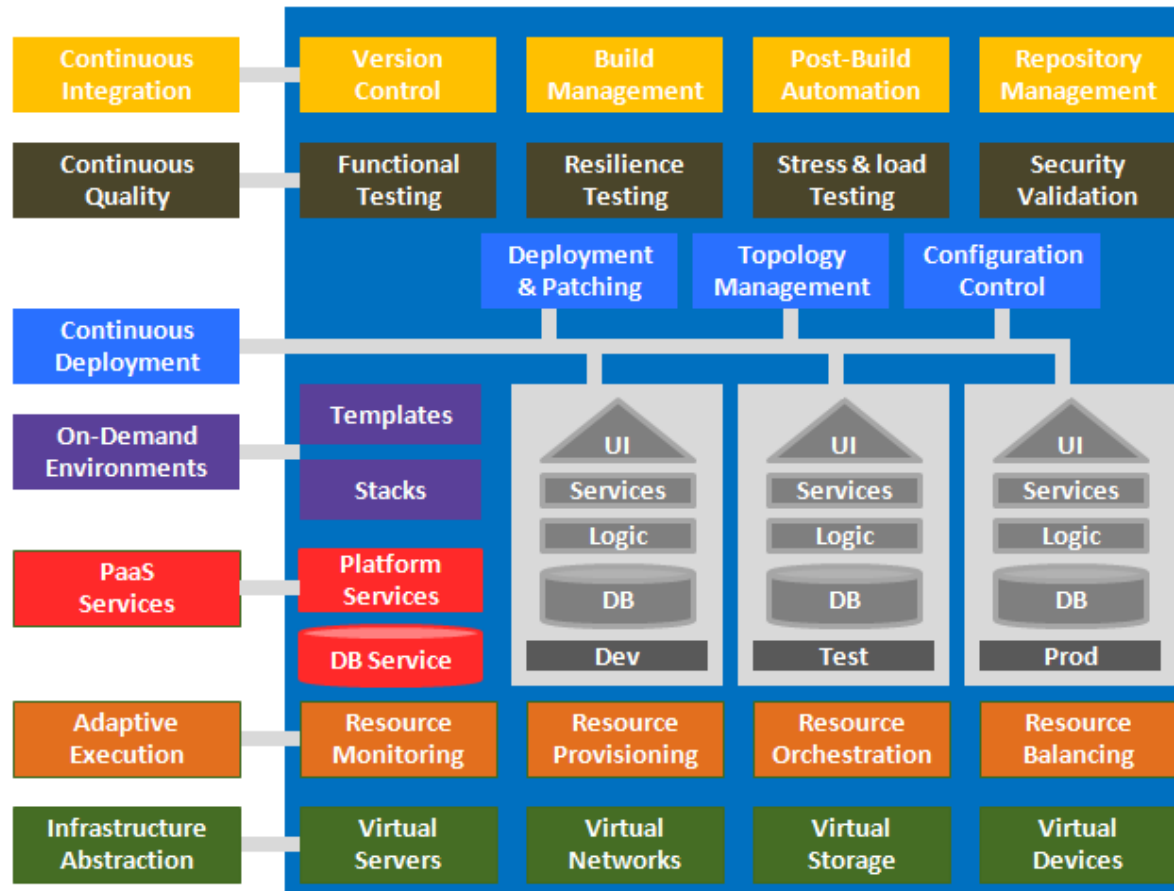
Source: <https://blog.codecentric.de/en/2012/08/tutorial-create-a-jenkins-plugin-to-integrate-jenkins-and-nexus-repository/>

According to WS02



Source: <http://www.slideshare.net/wso2.org/2014-01reshaping-ea>

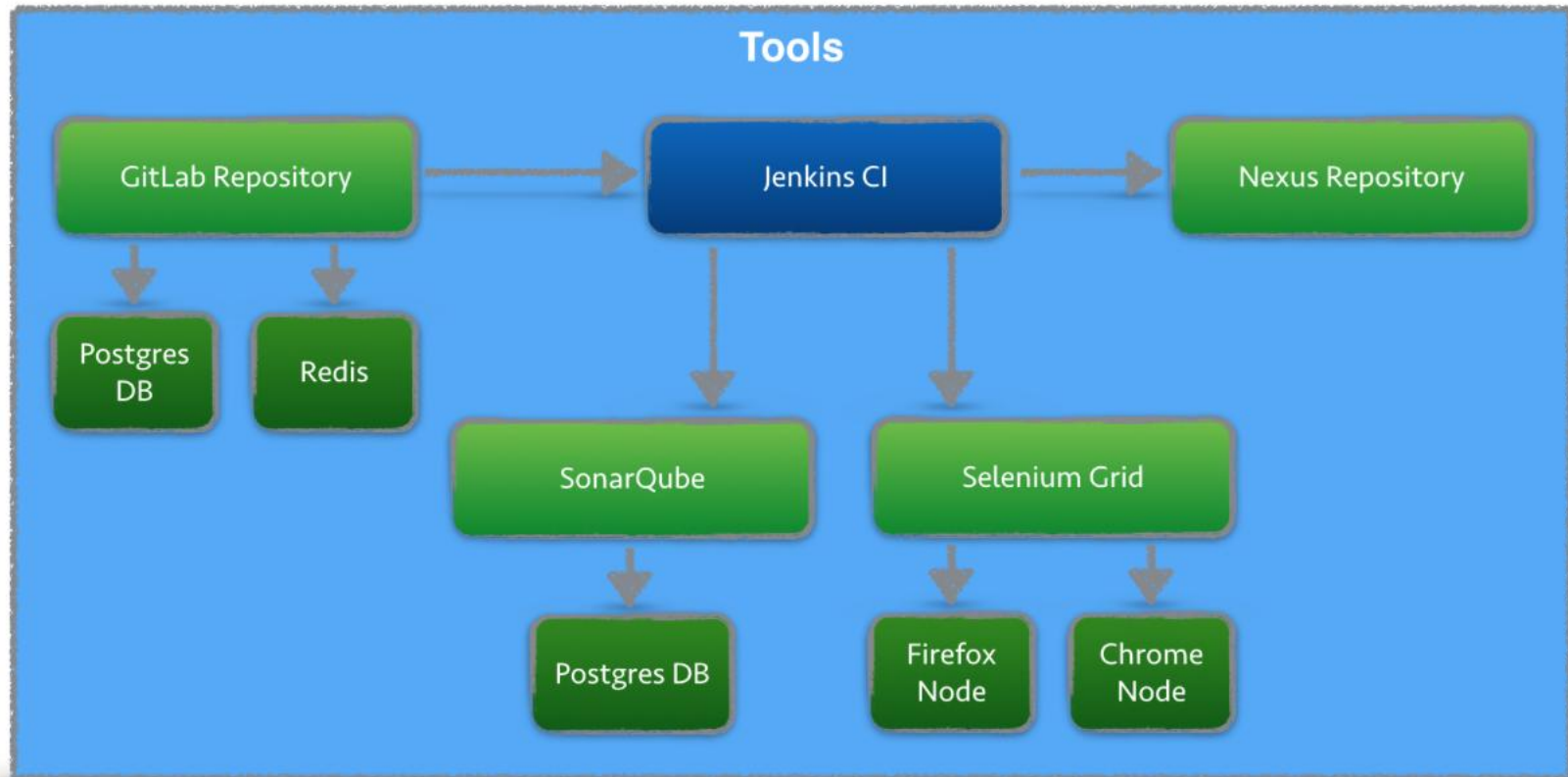
According to Momentum SI



Source: <http://www.momentumsi.com/devops-implementations/>

According to codecentric

Continuous Integration Platform Using Docker Containers: Jenkins, SonarQube, Nexus, GitLab



Source: <https://blog.codecentric.de/en/2015/10/continuous-integration-platform-using-docker-container-jenkins-sonarqube-nexus-gitlab/>

WEBINAR: Continuous Integration with Docker

March 16, 2016

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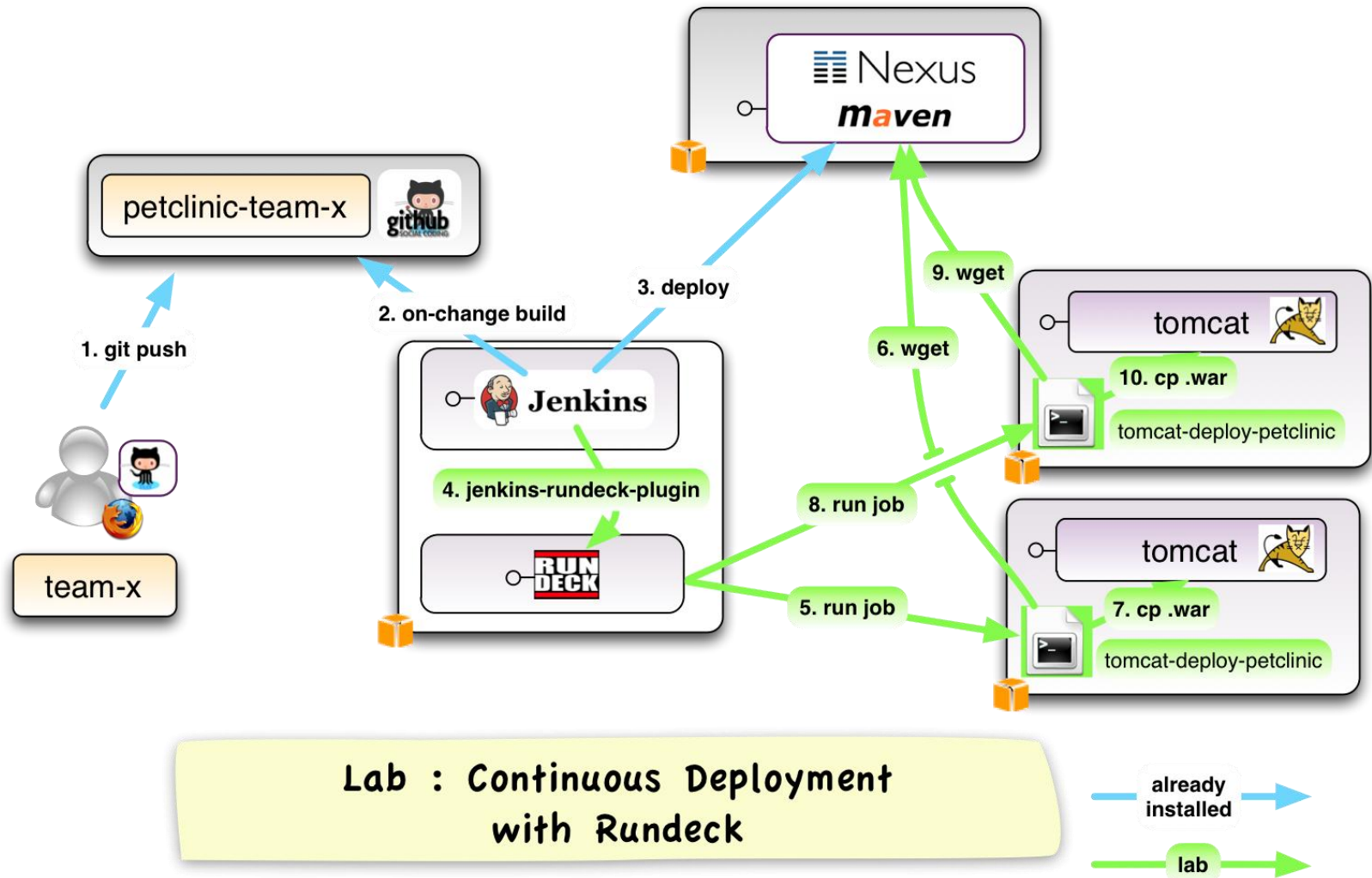


Brian Dawson
CloudBees
[@BrianVDawson](https://twitter.com/BrianVDawson)

Simplify continuous integration with Docker. Join Marcel, Brian, Curtis, and Derek as they share essential tips, rules, and tools for getting your CI program started on Docker today.

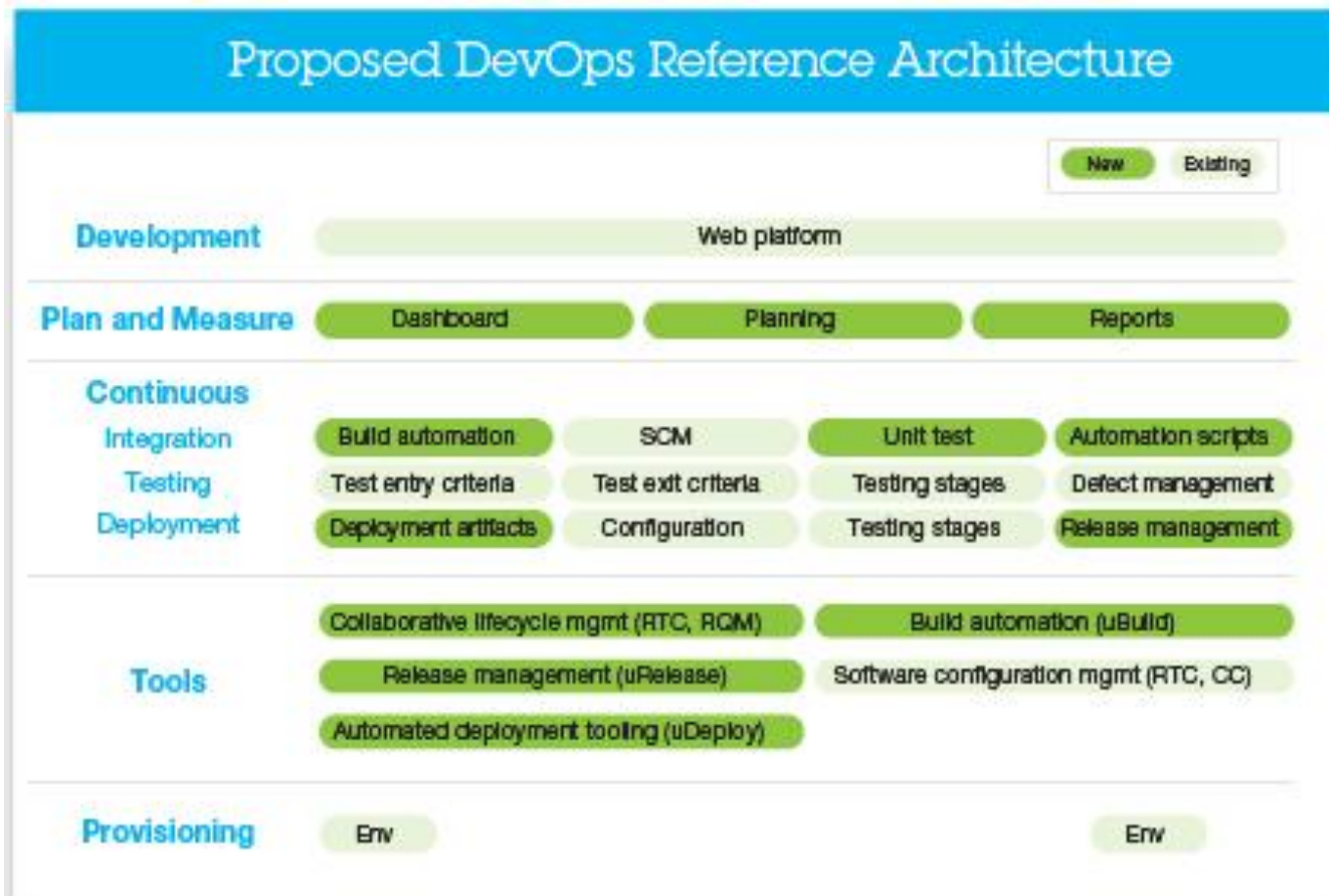
- Learn successful practices to align your organization and operations for CI success
- Hear the key benefits of Docker-based CI
- Receive free access to the Docker CI toolchain: GitLab, Jenkins, Nexus, Sonar, and Selenium

According to Goobbe



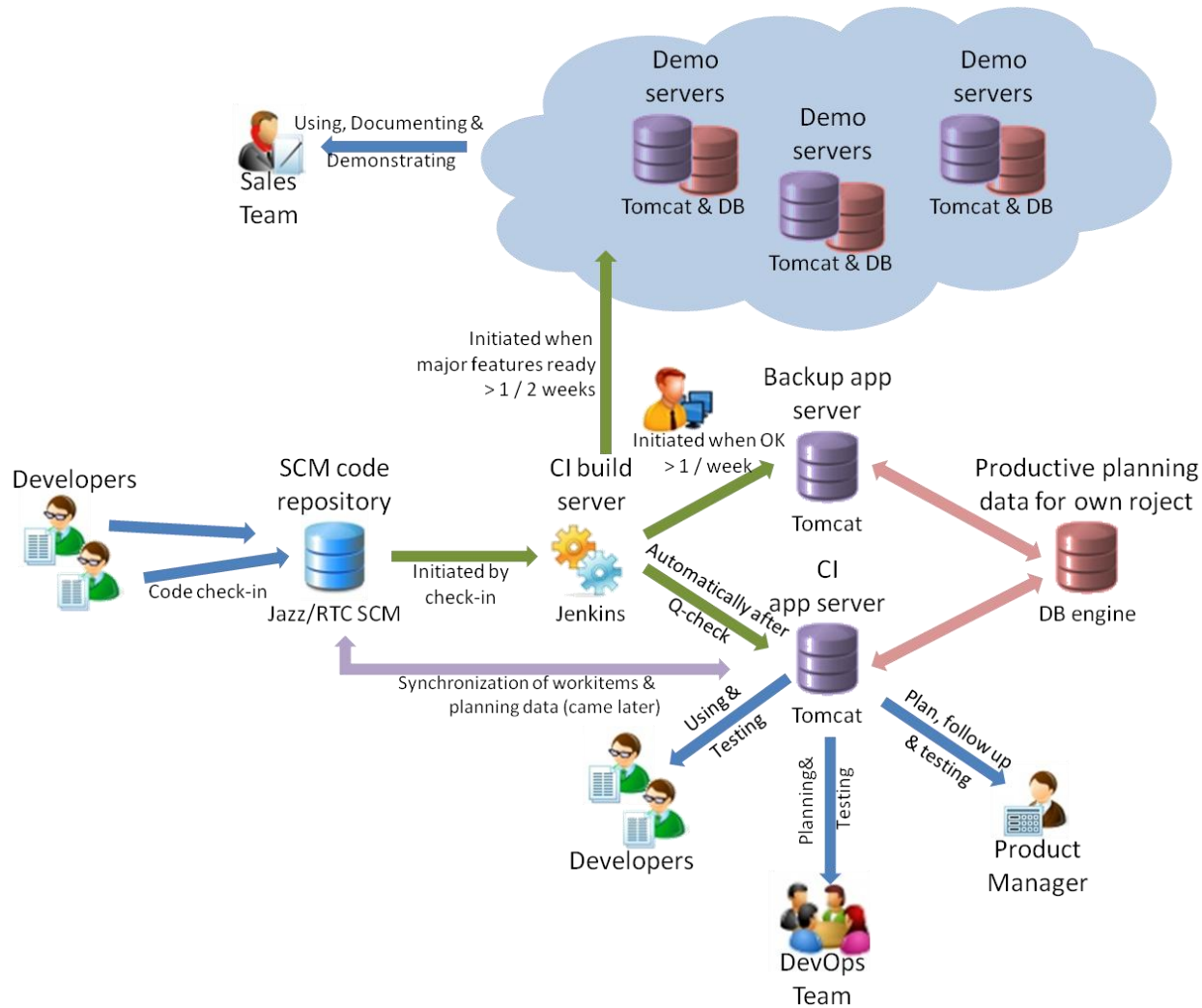
Source: <http://goobbe.com/questions/7339261/how-can-we-execute-jenkins-job-using-other-user-credential>

According to IBM



Source: <http://www-935.ibm.com/services/us/gbs/online/devops.html>

According to IBM

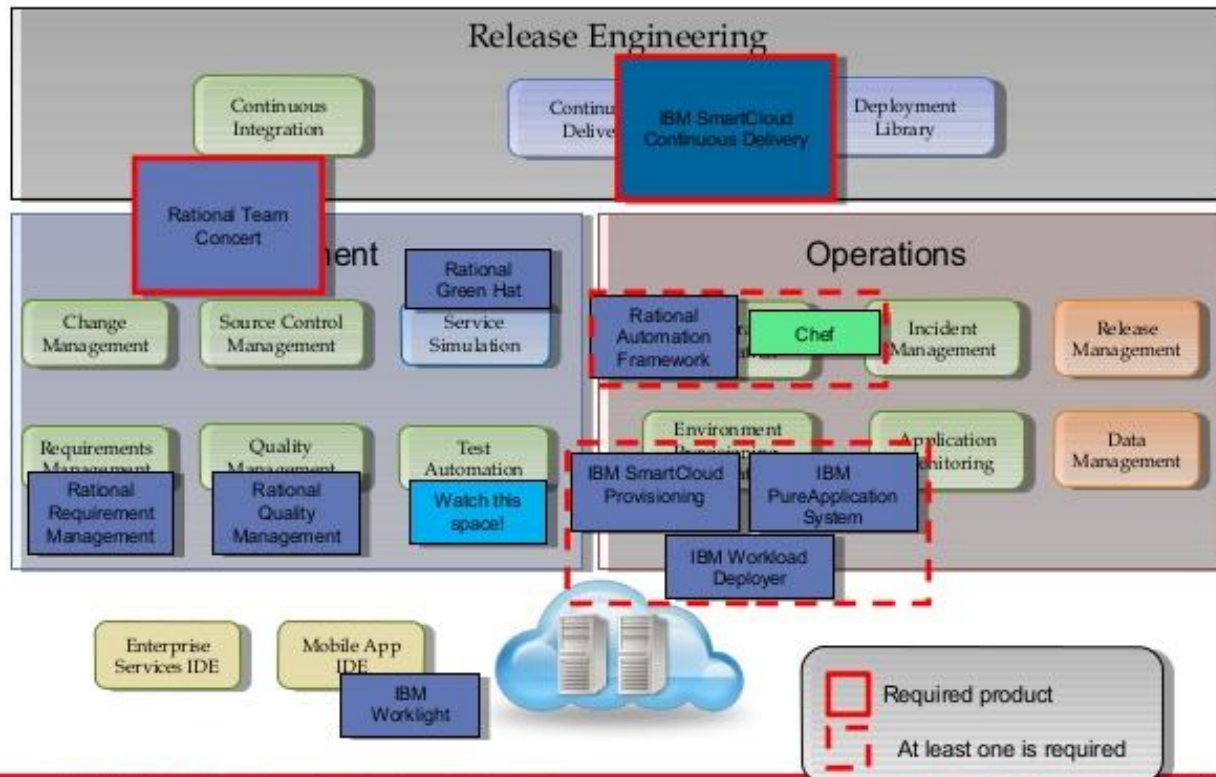


Source: https://www.ibm.com/developerworks/community/blogs/c914709e-8097-4537-92ef-8982fc416138/entry/we_reach_our_goal_with_devops?lang=en

According to IBM



Reference Architecture: Product Implementations



Pulse2013 Optimizing the World's Infrastructure

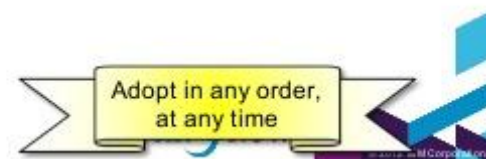
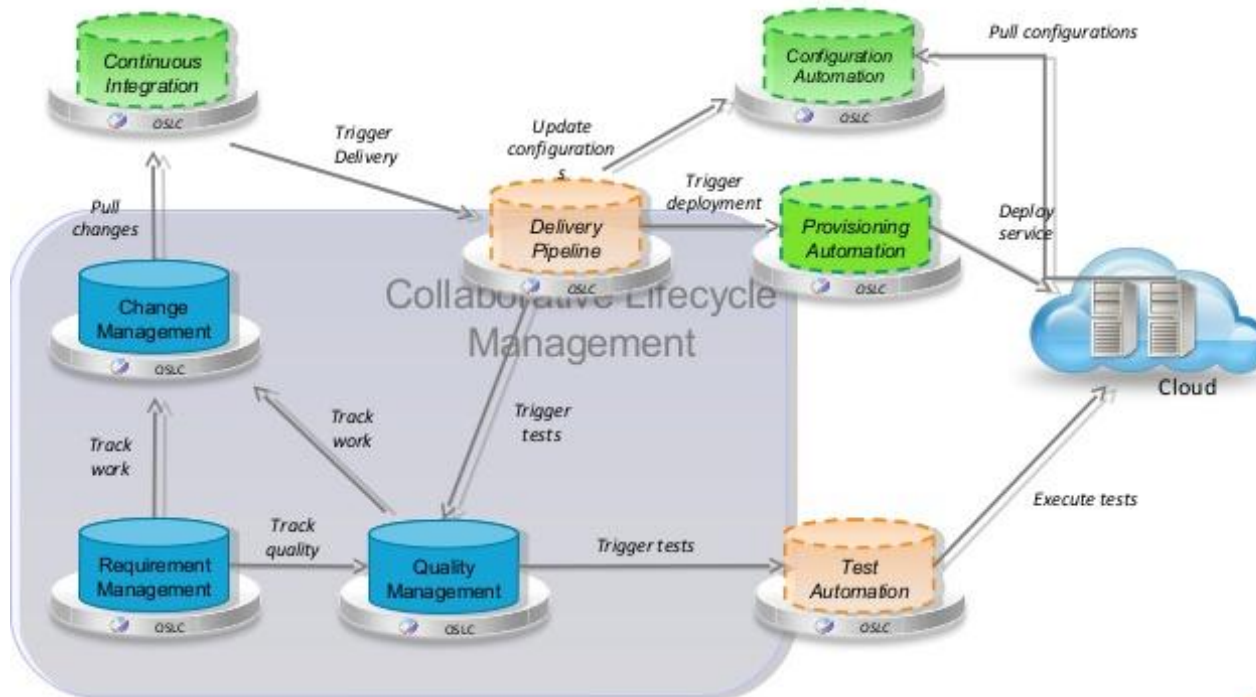


Source: <http://www.slideshare.net/sanjeev-sharma/ibm-pulse-2013-session-devops-for-mobile-apps>

According to IBM



Lifecycle Management Reference Architecture



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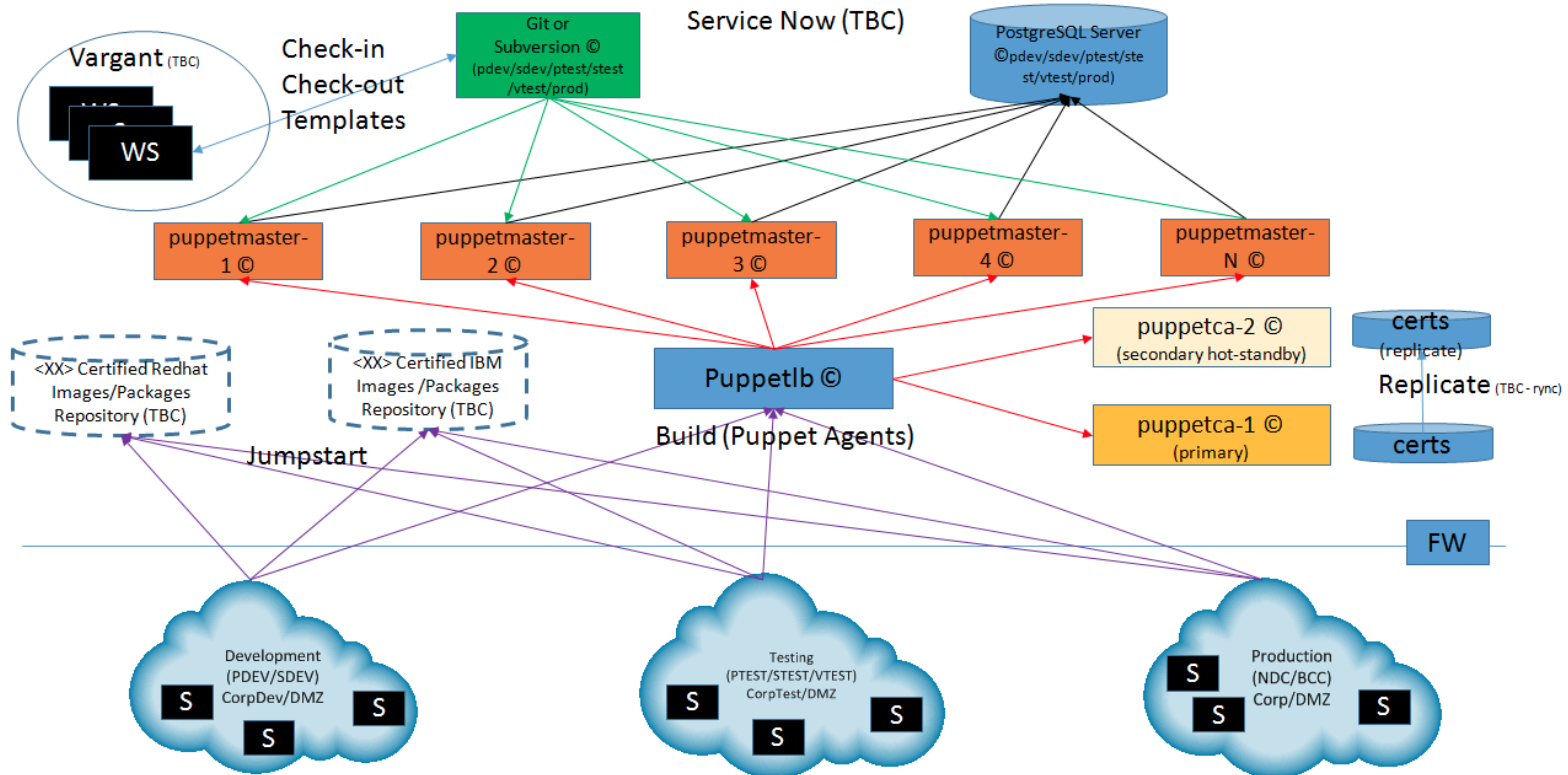
Source: <http://www.slideshare.net/MichaelElder/cdo-1426-trends-and-future-for-dev-opsv51>

According to OZsofts

Reference Architecture

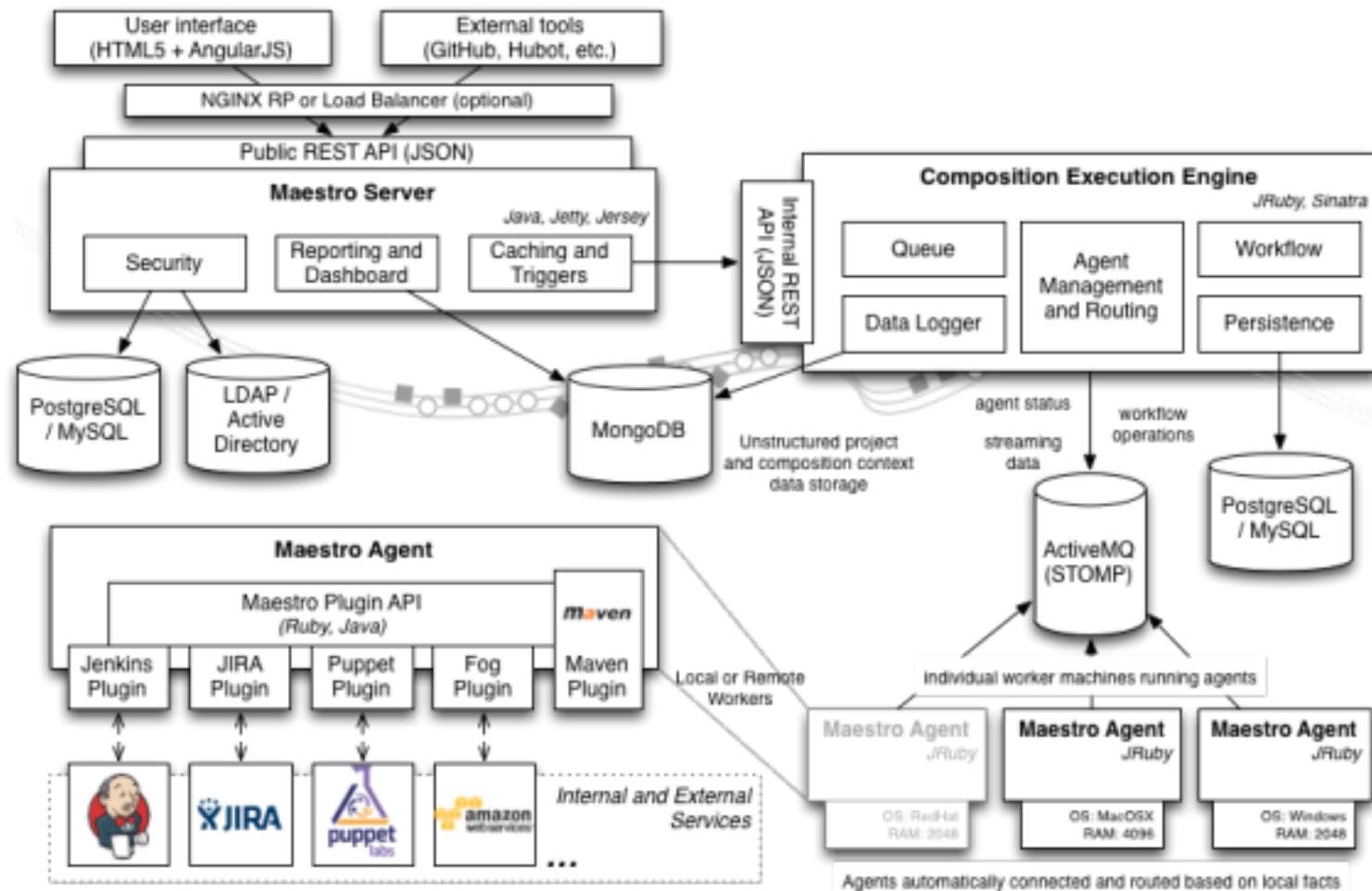
© Completed / TBC To be completed

Puppet Dashboard,
Foreman or
Service Now (TBC)



Source: <http://www.ozsofts.com/?p=15>

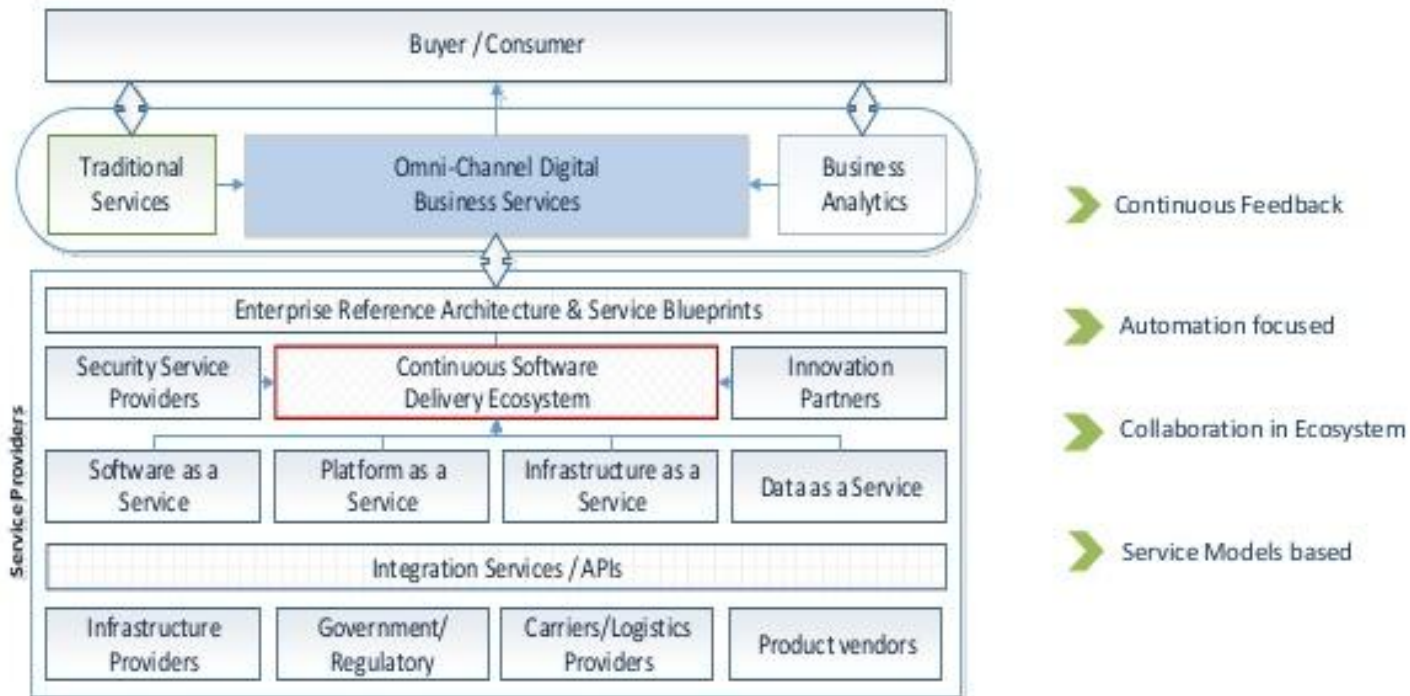
According to MaestroDev



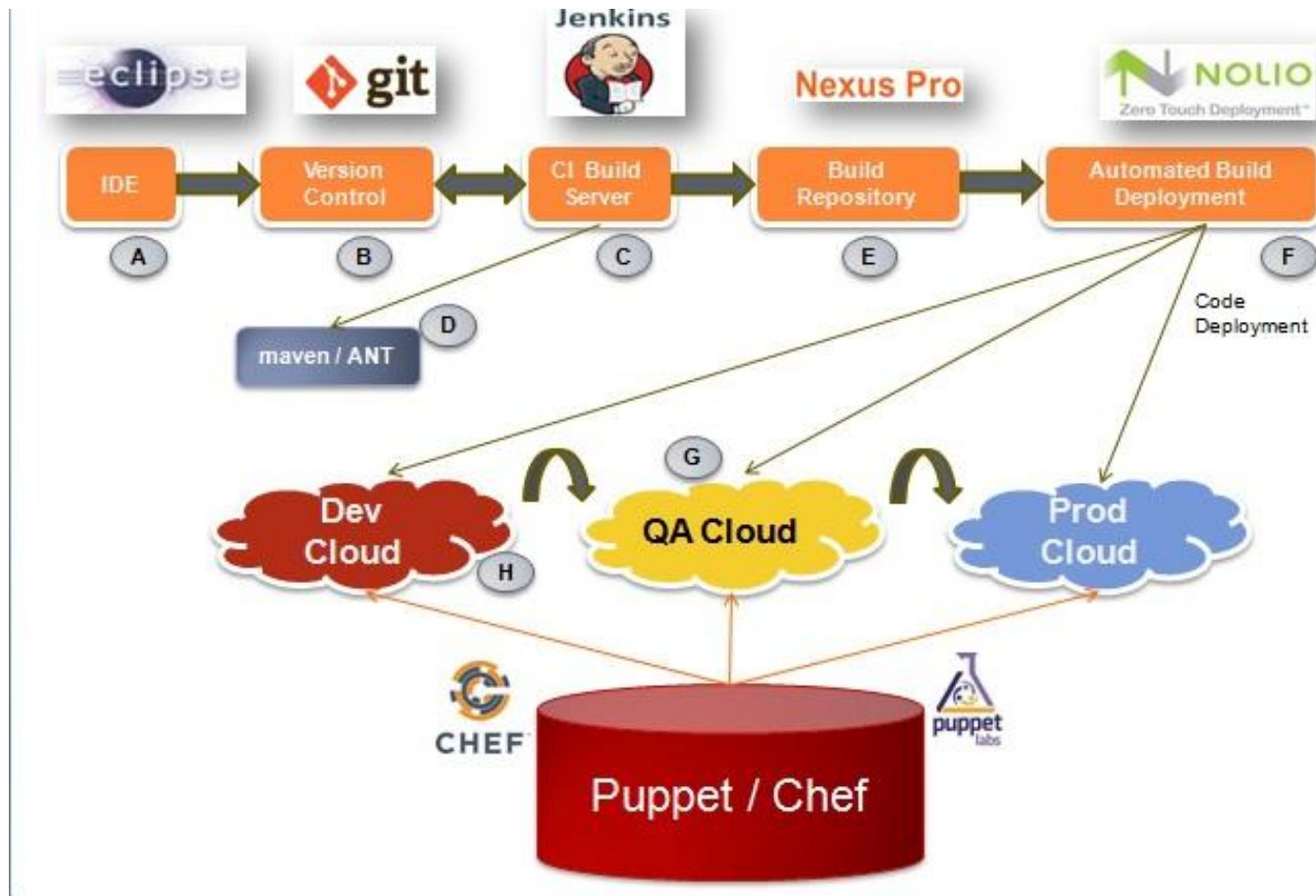
Source: <http://java.dzone.com/articles/anatomy-devops-orchestration>

According to The Open Group

DevOps – A paradigm shift in IT to deliver Digitalization



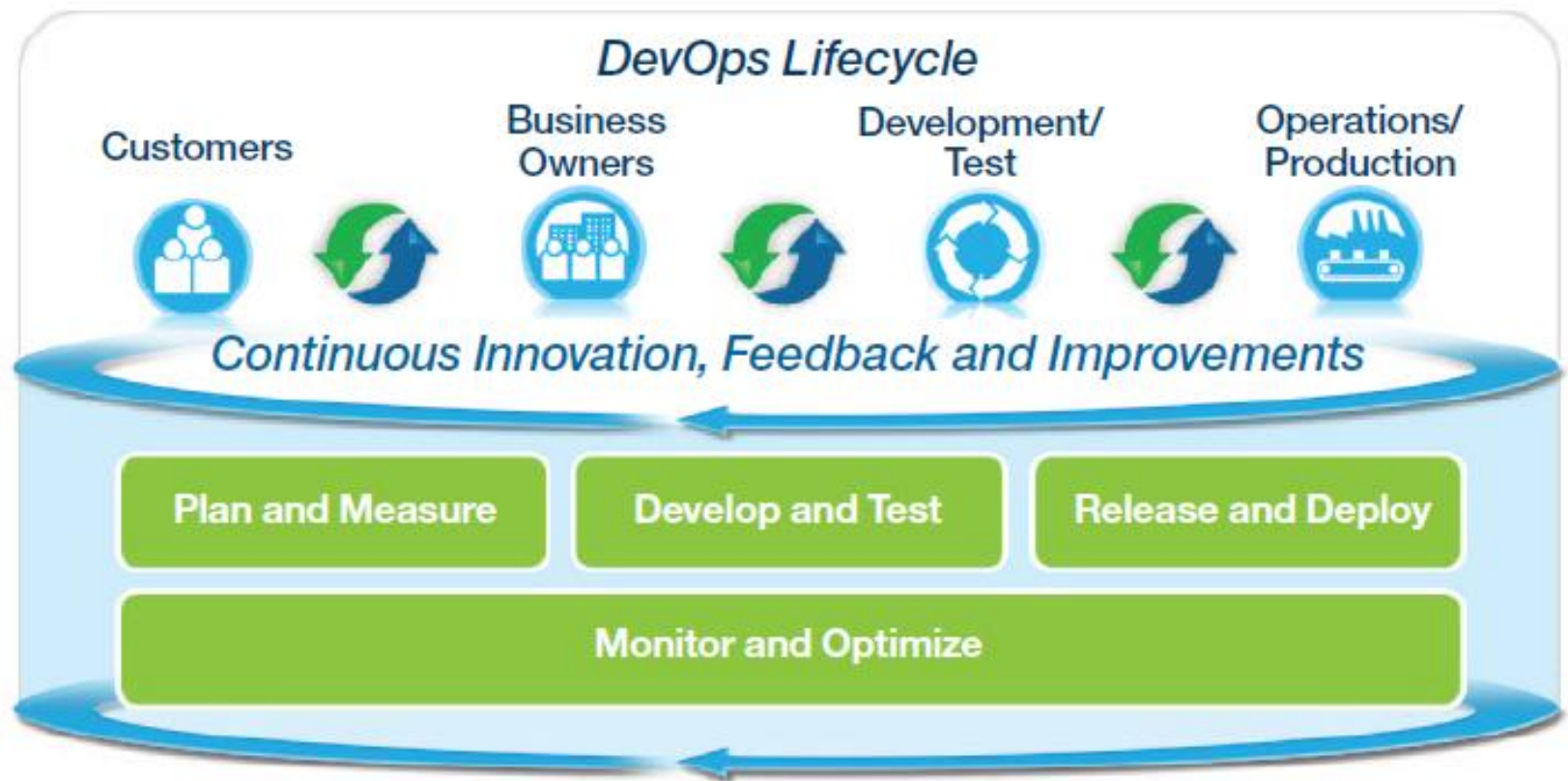
According to AgileTrick



Source: <http://agiletrick.com/devops/architecture-of-devops/>

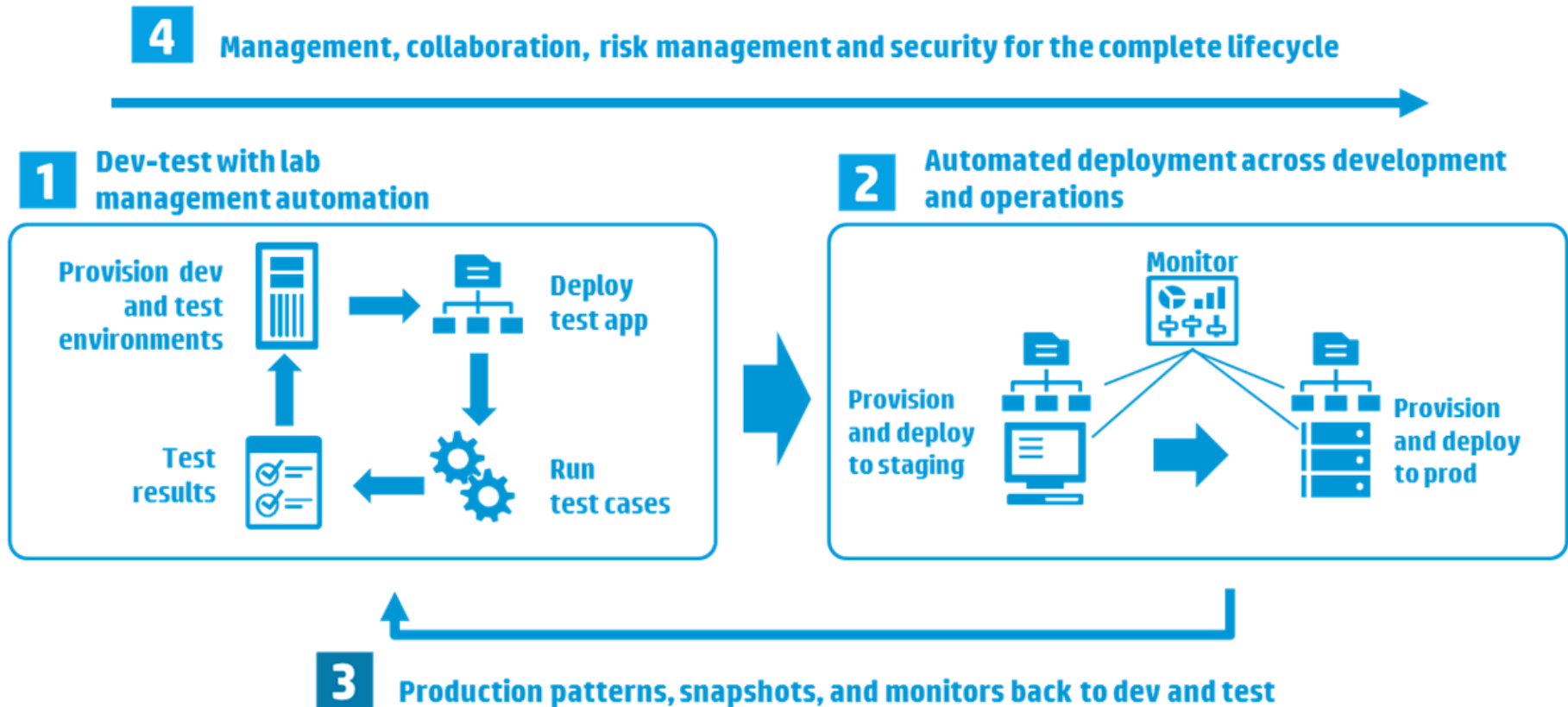
According to DevOps by Design

DEVOPS BY DESIGN



Source: <http://www.devopsbydesign.com>

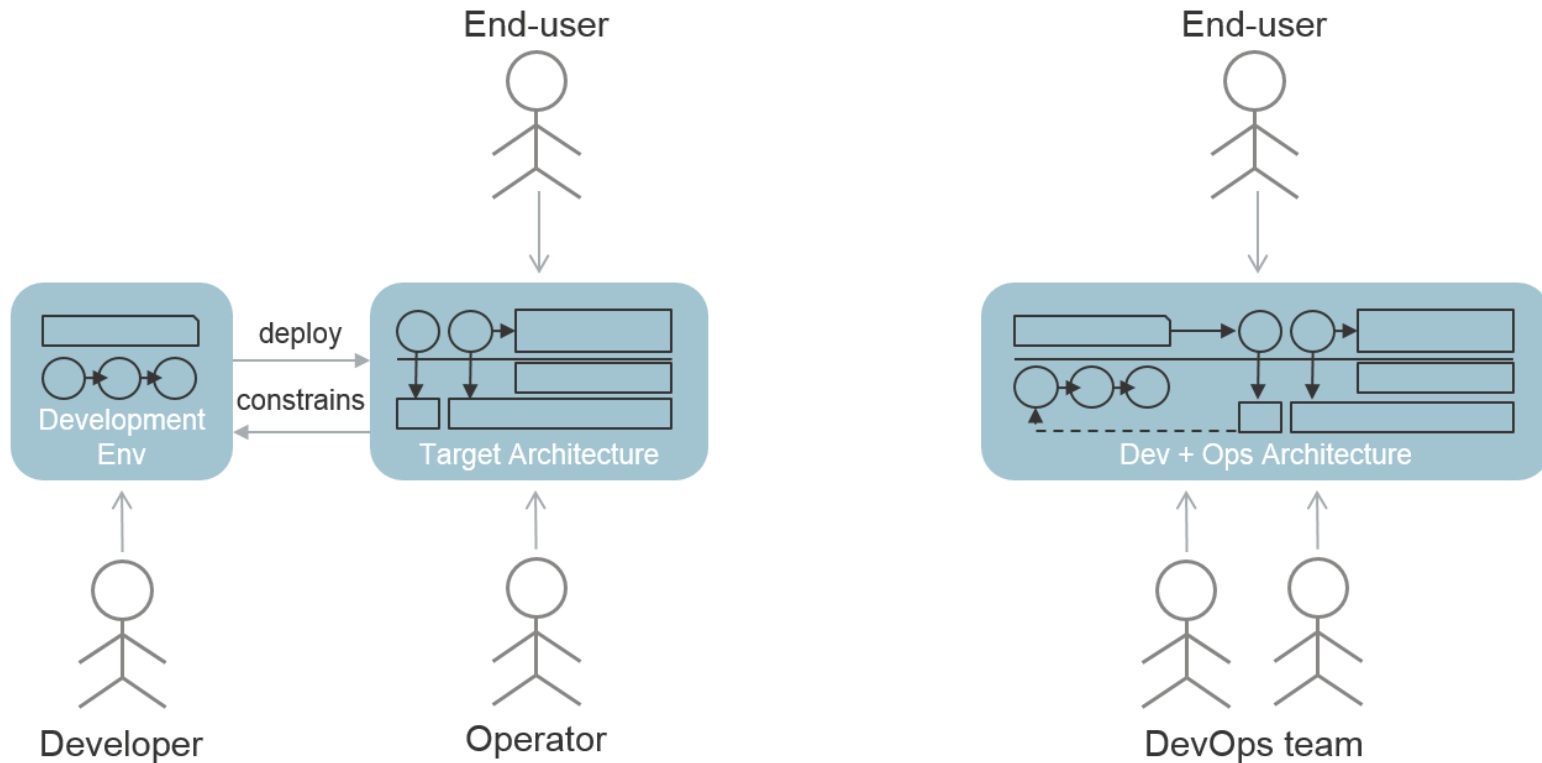
According to HP



Source: <http://h30499.www3.hp.com/t5/Grounded-in-the-Cloud/Transform-DevOps-with-Application-Release-Automation/ba-p/5952497#.VZ7dGVxTUqg>

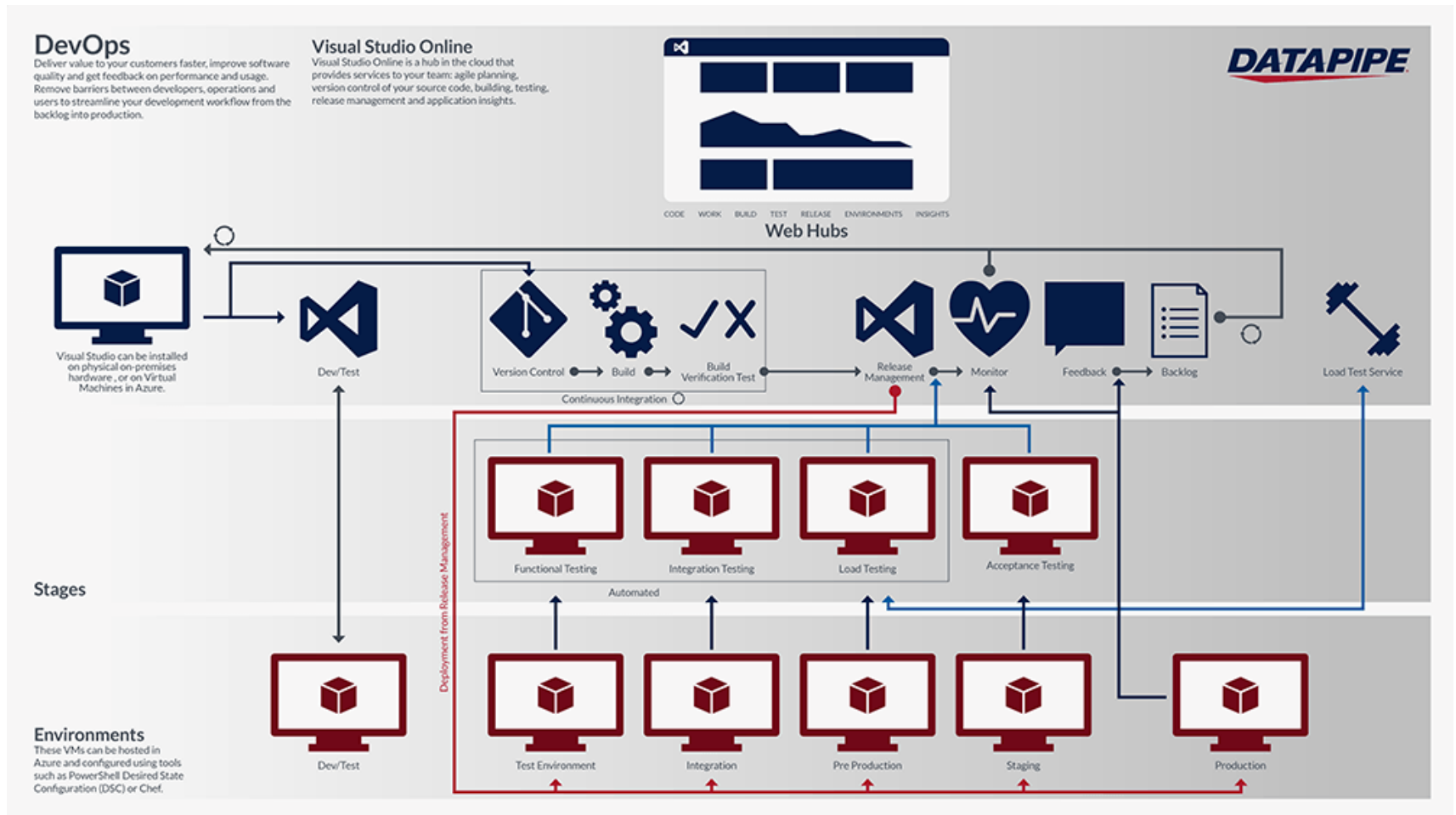
According to Eltjo

Architecture separated from Dev → Consolidated DevOps architecture



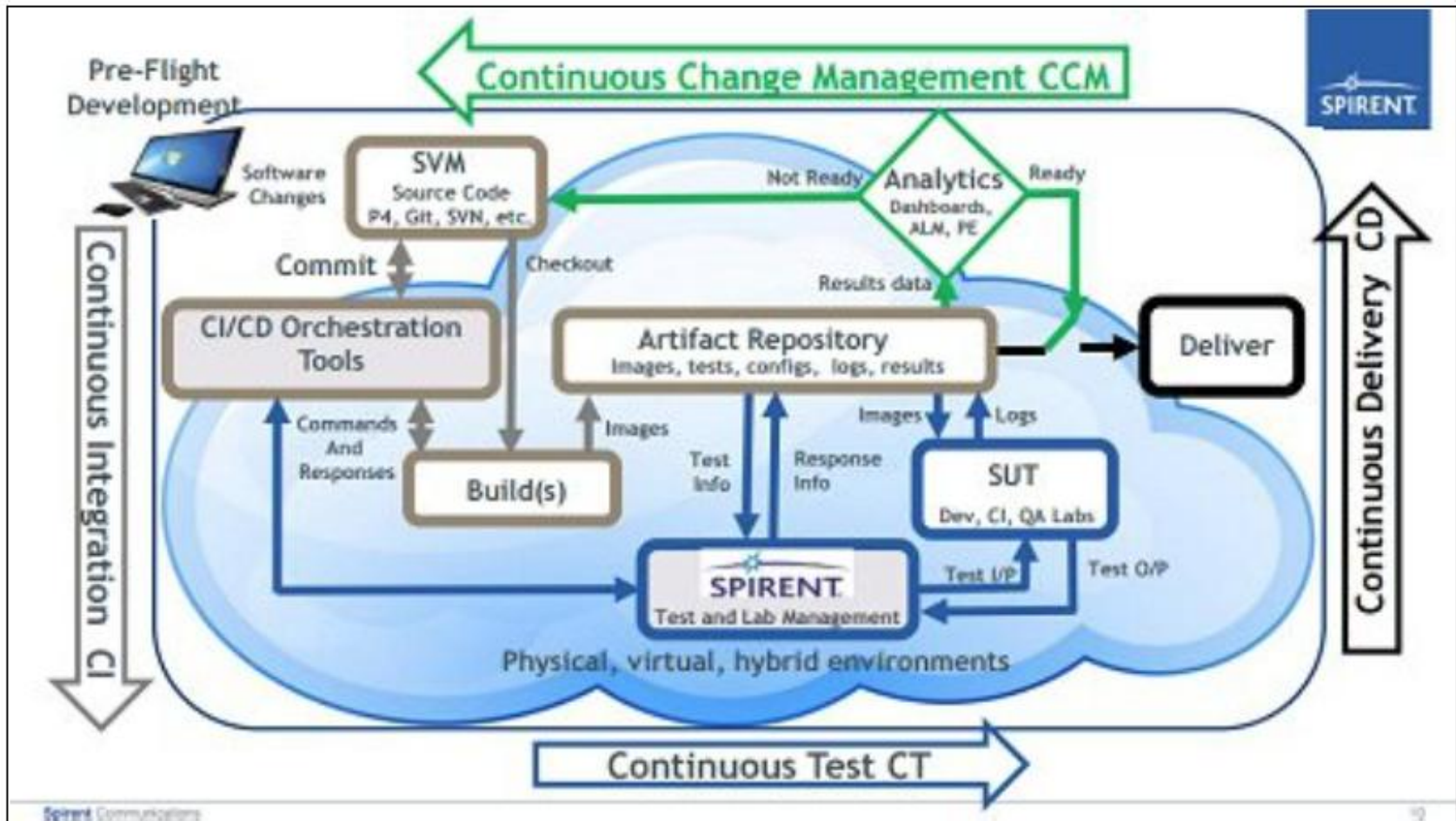
Source: <http://eltjopoort.blogspot.com/2014/08/how-devops-impacts-architecture.html>

According to DATAPIPE



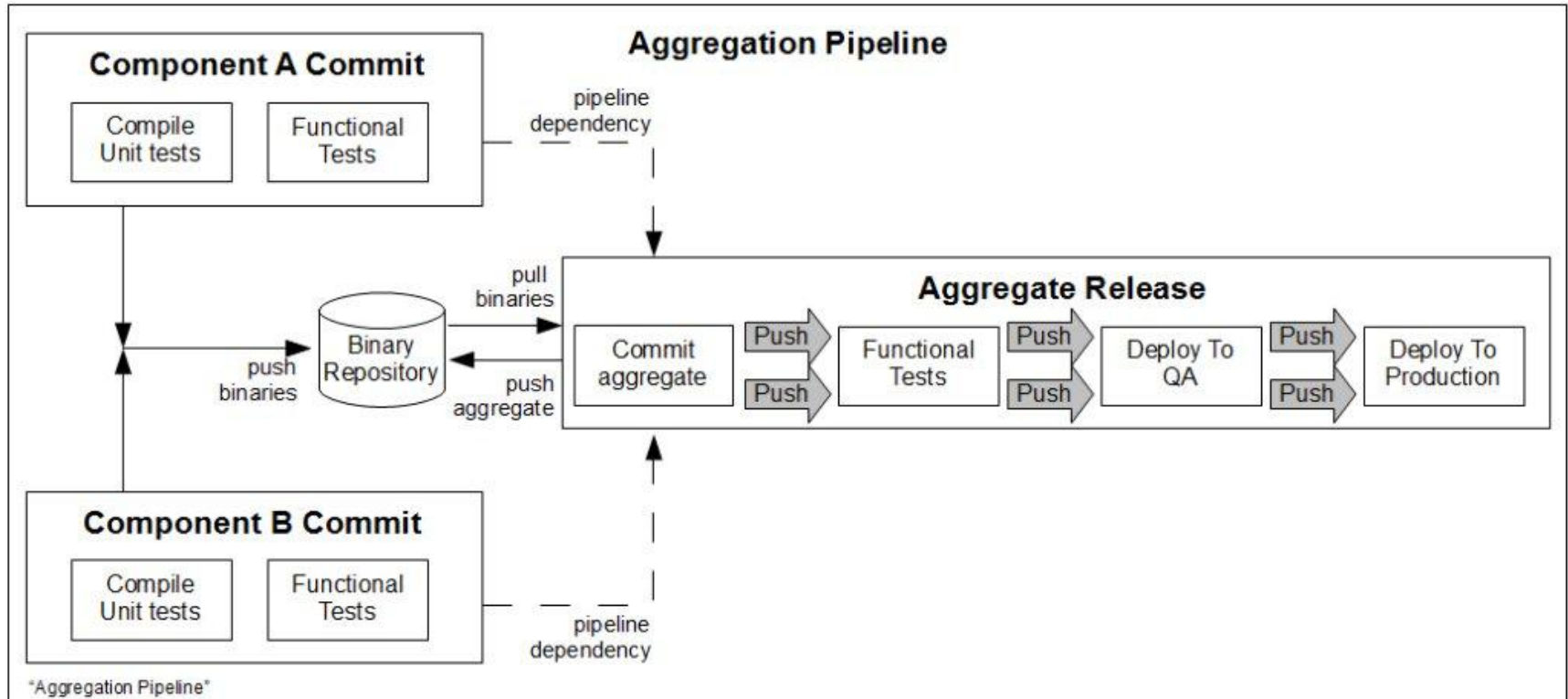
Source: <https://www.datapipe.com/blog/2015/02/24/integrate-azure-into-your-devops-with-datapipe-managed-cloud-for-azure/>

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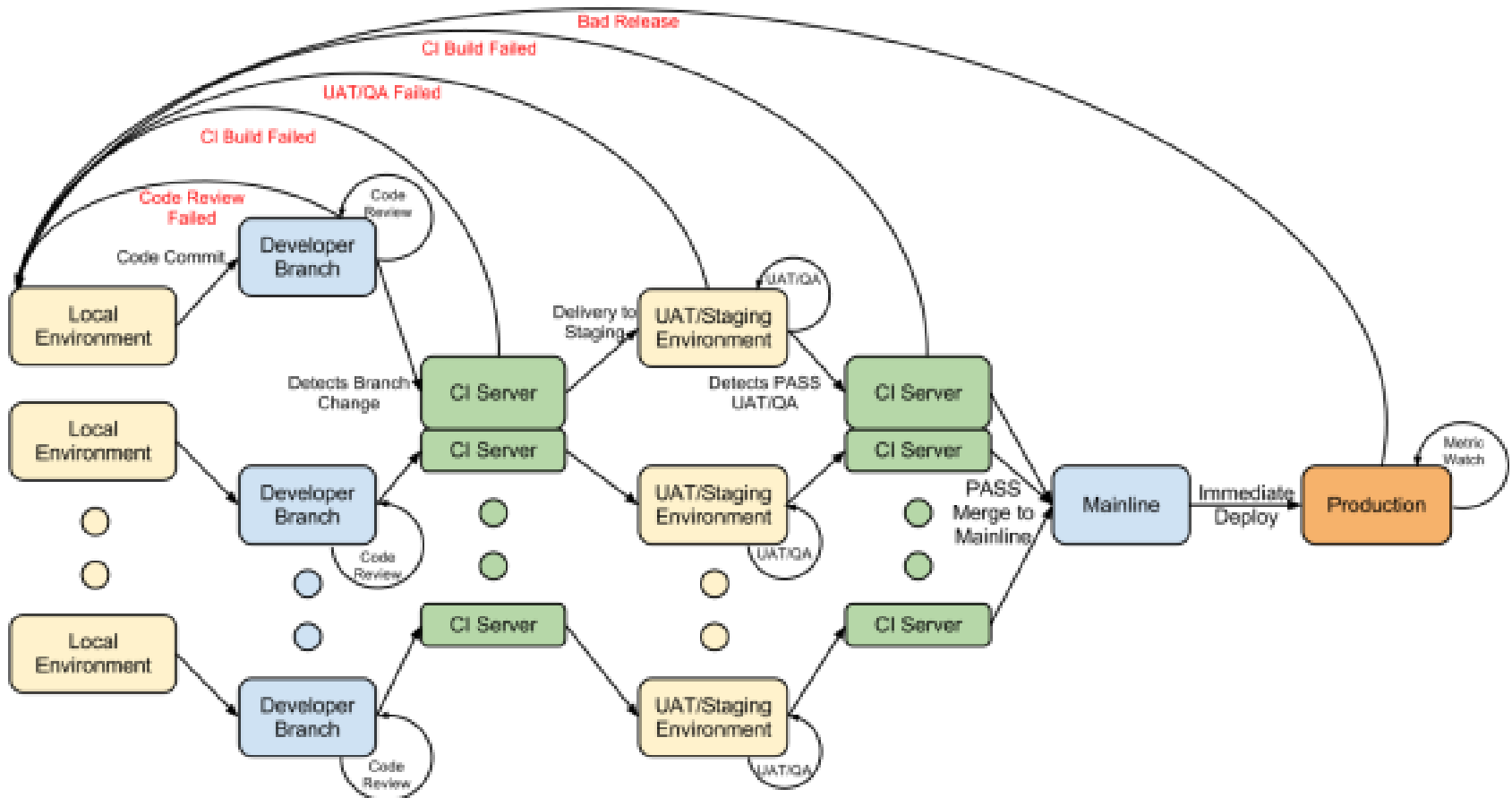


Source: <http://devops.sys-con.com/node/3359638>

According to Always Agile

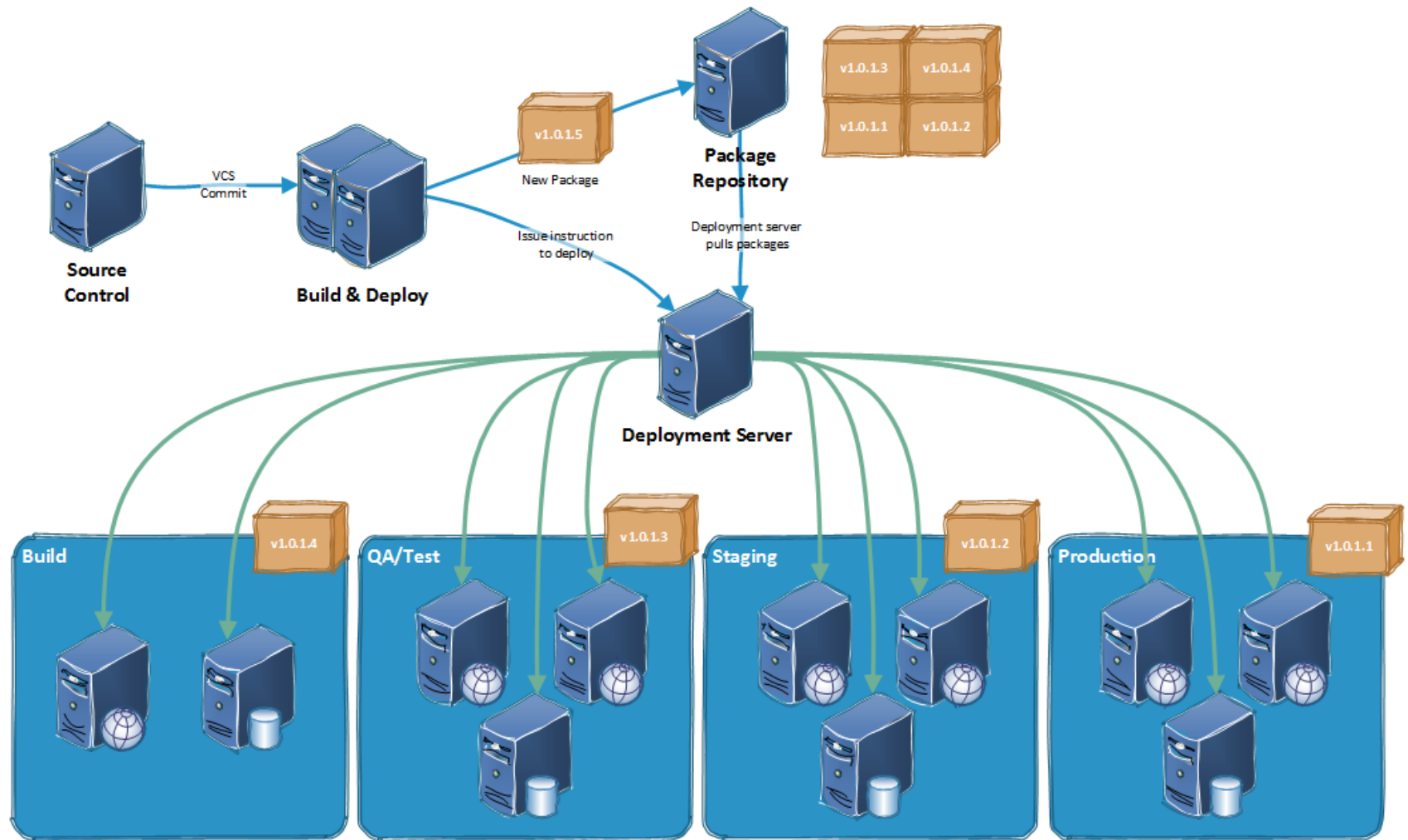


According to Assembla



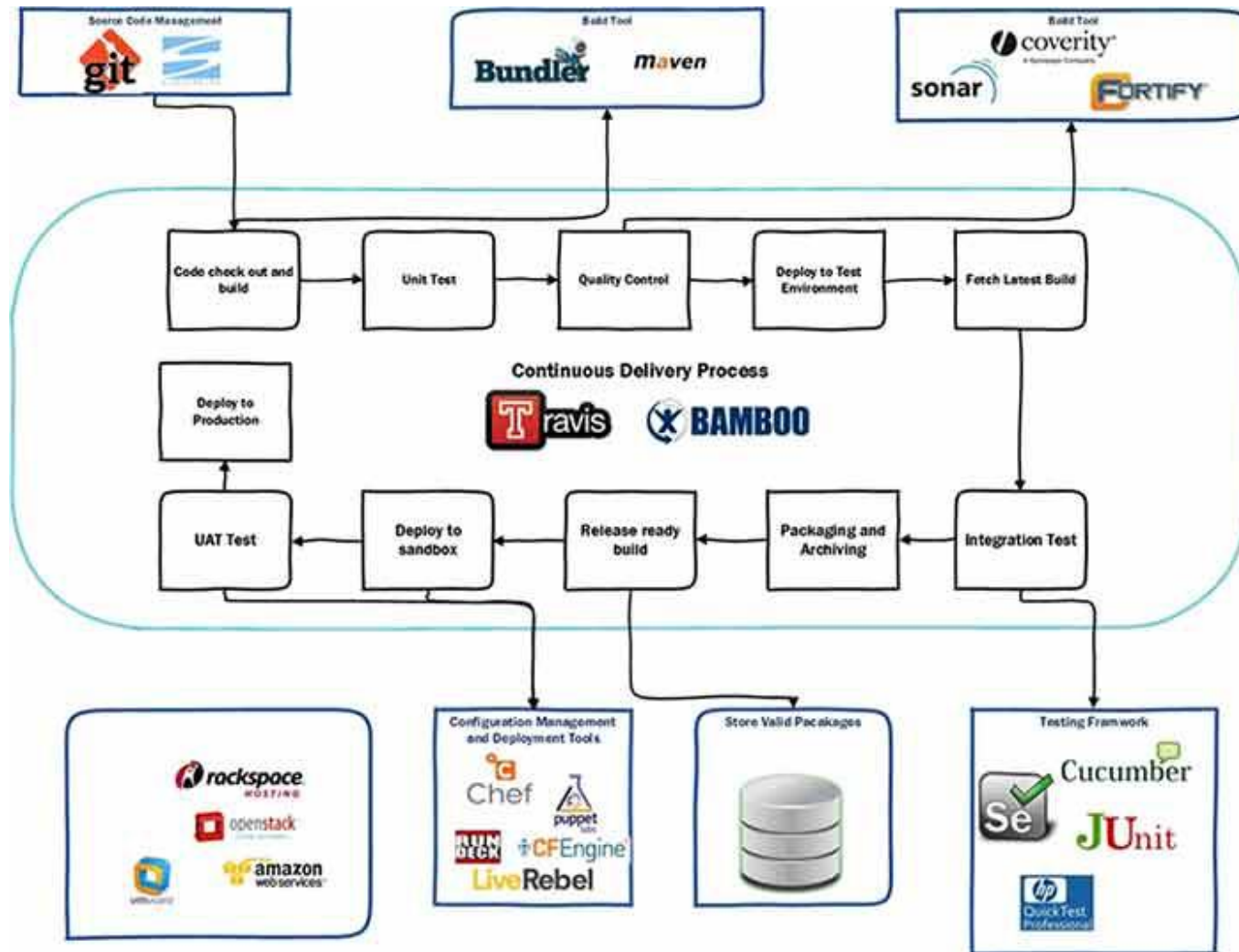
Source: <http://blog.assembla.com/AssemblaBlog/tabid/12618/bid/92411/Continuous-Delivery-vs-Continuous-Deployment-vs-Continuous-Integration-Wait-huh.aspx>

According to



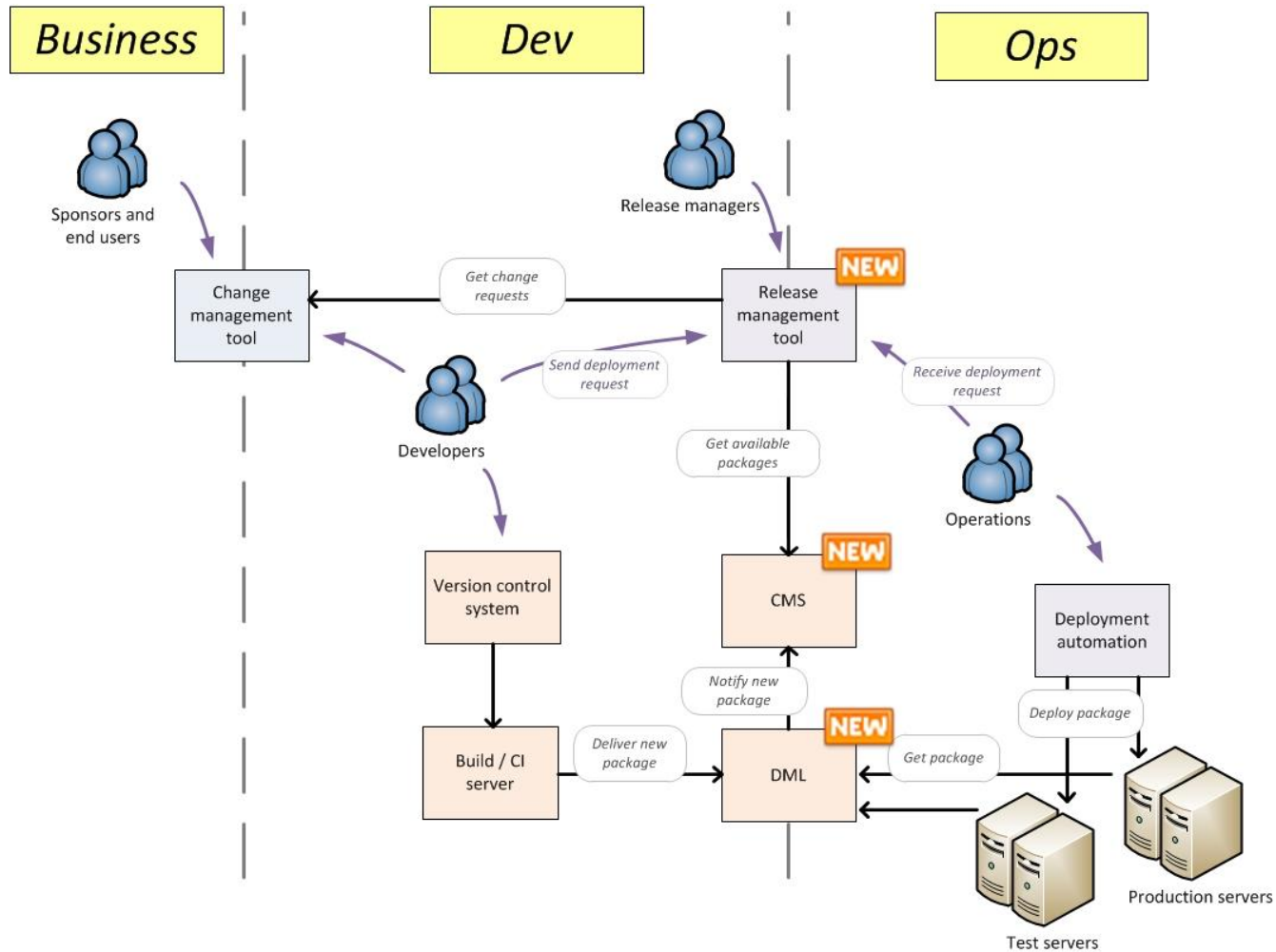
Source:

According to Girikon



Source: <http://www.girikon.com/services/professional-services/devops-automation/>

According to Bartholomeus



Source: <http://niek.bartholomeus.be/category/devops/>

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HIDDEN SPEED BUMPS ON THE ROAD TO "CONTINUOUS"

Foreword by Gene Kim, Gareth Rushgrove, John Willis,

RESEARCH REPORT

"Just as in manufacturing, the effective management of our supply chains will create **WINNERS** and **LOSERS**"

Gene Kim, co-author of "The Phoenix Project: A Novel About IT, DevOps, and Helping Your Business Win" and upcoming "DevOps Cookbook"



2015 STATE OF THE SOFTWARE SUPPLY CHAIN

bit.ly/SoftwareSupplyChain

Gareth Rushgrove

Senior Software Engineer, Puppet Labs
and Curator of DevOps Weekly

"This report is required reading for anyone interested in large-scale systems engineering."



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Inside the Sonatype
Engineering Team: The
Process (and a little tooling)

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Volume 1

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