DevOps: CI/CD and Application Release Orchestration

In DZone’s DevOps: CI/CD and Application Release Orchestration Trend Report, we will provide insight into popular toolchain orchestration solutions, offer advice on why an SRE is important to CI/CD, and explore popular practices to increase release efficiency.

The Trend Report will offer guidance to DevOps Engineers, Automation Architects, and more on how to best adopt DevOps practices to help scale the productivity of their teams.

Expert Insights

The DevOps Trend Report aims to better educate readers on CI/CD pipeline. Topics explored may include:

- An overview of a current CI/CD pipeline
- Why an SRE is important to the CI/CD pipeline
- Measuring the business impact of CI/CD and release orchestration
- How AIOps and MLOps provide visibility and automation to speed up the CI/CD pipeline and decrease inefficiencies
- Source code management/branching strategies for CI/CD
- CI/CD for cloud-native applications
- GitOps as a CD pattern
- Continuous test automation using CI/CD

Developer Survey

The research component of this Trend Report will explore the different components of the CI/CD pipeline. Topics may include:

- Popular toolchain orchestration solutions
- Managed vs. Self-hosted CI/CD
- Top motivations for adopting continuous delivery and the primary obstacles in achieving full continuous delivery
- Scaling issues and release frequency
- How infrastructure is provisioned
- Relation of software architecture/design and release frequency/strategy
- Impact of release strategy and feature velocity on perceived code quality and maintainability
145,000+
DZone visitors engaging with DevOps and CI/CD content

61%
Tech Decision Makers (TDMs) engaging with DZone’s DevOps Content

DZone reaches 68% of companies with intent for DevOps and CI/CD

62k Businesses with intent for DevOps and CI/CD are visiting DZone

Downloaded Job Roles
- 31% Architect, Software Developer
- 9% Development Manager, Lead Developer
- 4% Executive Manager, VP, CTO, CIO
- 2% Marketing, Sales, Communication
- 3% President, CEO, Owner
- 37% Programmer, Developer
- 5% QA, Testing, Compliance
- 6% System Admin, DBA
- 2% Web Designer, Graphic Designer

Employed at Companies Reporting $100M+ Revenue

Source: DZone Audience Composition, Bombora Last 90 Days, December 22, 2021; Market Insights, Bombora, Last 90 Days, December 22, 2021
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