DZone

DZone Trend Report

APRIL 2022

Enterprise Application Integration

As with most 2022 trends in the development world, discussions around integration focus on the same topic: speed. In DZone's **Enterprise Application Integration Trend Report**, we will explore the common integration patterns and anti-patterns, the impact on overall operational efficiency, and the common practices that help an enterprise scale.

We will also dive into the exploration of integration distributed applications, how query languages like GraphQL help speed up APIs, when to use cloud-based integration platforms versus on-premise models, and more.

Expert Insights

The Enterprise Application Integration Trend Report will dive into the common integration practices that help an enterprise scale. Topics explored may include:

- GraphQL tutorial/use case
- "API-first" strategies
- The importance of EIPaaS
- Simplifying application integration complexity to enable new integrations or automation of existing ones
- Event-driven architecture as a strategy
- A deep dive into open API standards
- API security and governance
- Developing multiple integrations while also supporting multiple personas
- Adaptive API management

Developer Survey

The research component of this Trend Report will explore topics including, but not limited to:

- Most common integration patterns
- Where is automation used in the integration layer? For what purposes?
- Prevalence of SOAP, REST, gRPC, and GraphQL paradigms in developer attitudes toward APIs
- Preferred attributes of data interchange formats
- Rigidity of message schema enforcement
- Preferred degree of coupling between message wrappers and message format
- Interaction of API patterns and language-level constraints
- Common integration pain points
- Integration topologies in theory and practice
- Attitudes toward integration activities

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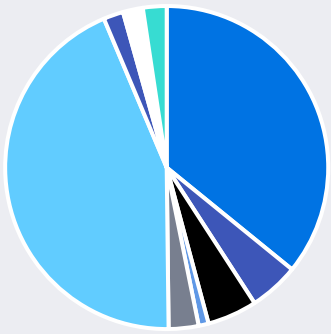
108,000+ DZone visitors engaging with Integration content

61% Tech Decision Makers engaging with DZone's Integration Content

85% TDMs located in North America

66% Employed at Companies Reporting $100M+ Revenue

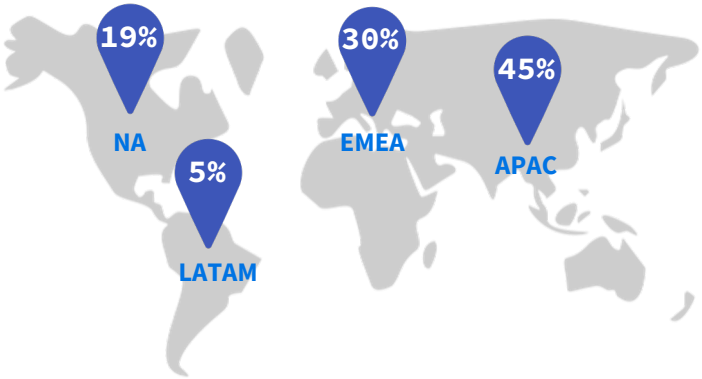


Downloader Job Roles

- **36%** Architect, Software Developer
- **5%** Development Manager, Lead Developer
- **5%** Executive Manager, VP, CTO, CIO
- **1%** Marketing, Sales, Communication
- **3%** President, CEO, Owner
- **44%** Programmer, Developer
- **2%** QA, Testing, Compliance
- **2%** System Admin, DBA
- **2%** Web Designer, Graphic Designer

DZone reaches **72%** of companies with intent for Enterprise Application Integration

43.5K Businesses with intent for Integration are visiting DZone.



Source: DZone Audience Composition, Bombora Last 90 Days, February 9, 2022; Market Insights, Bombora, Last 90 Days, February 9, 2022; DZone Publications Downloads, January-December 2021

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- Custom Survey Question
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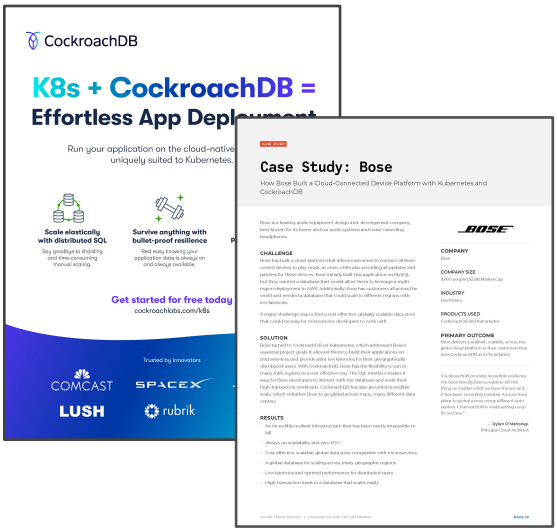

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