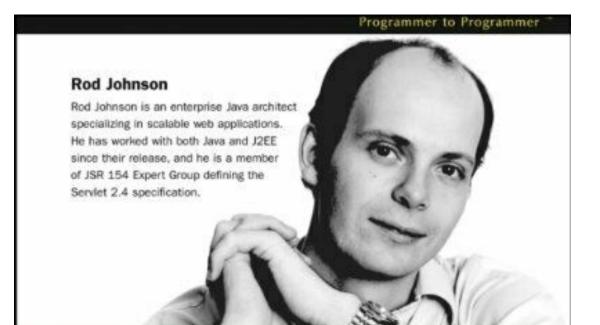
Kubernetes: A Gateway Drug for Vendor Lock-In

Ernesto Garbarino







expert one-on-one J2EE Design and Development



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Apex Developer Guide





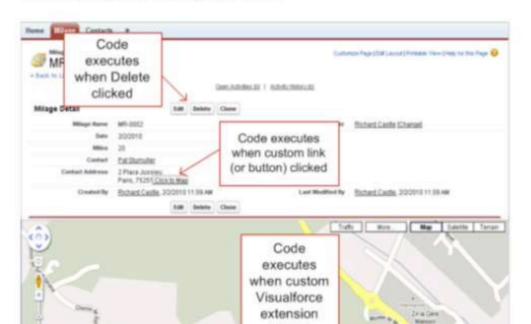
What is Apex?

Apex is a strongly typed, object-oriented programming language that allows developers to execute flow and transaction control statements on Salesforce servers in conjunction with calls to the API. Using syntax that looks like Java and acts like database stored procedures, Apex enables developers to add business logic to most system events, including button clicks, related record updates, and Visualforce pages. Apex code can be initiated by Web service requests and from triggers on objects.

Available in: Salesforce Classic (not available in all orgs) and Lightning Experience

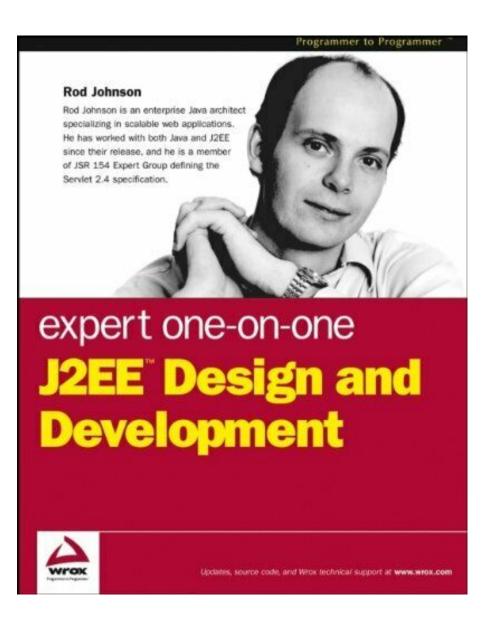
Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions

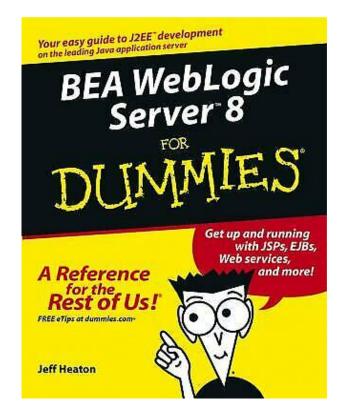
You can add Apex to most system events.

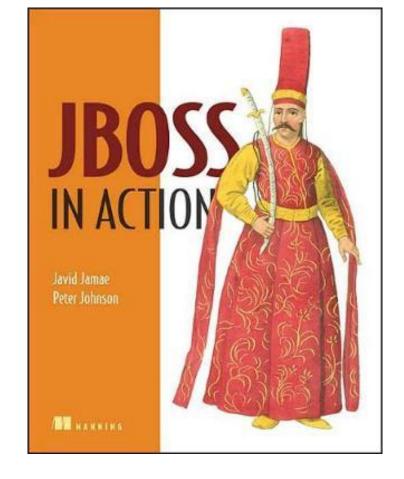


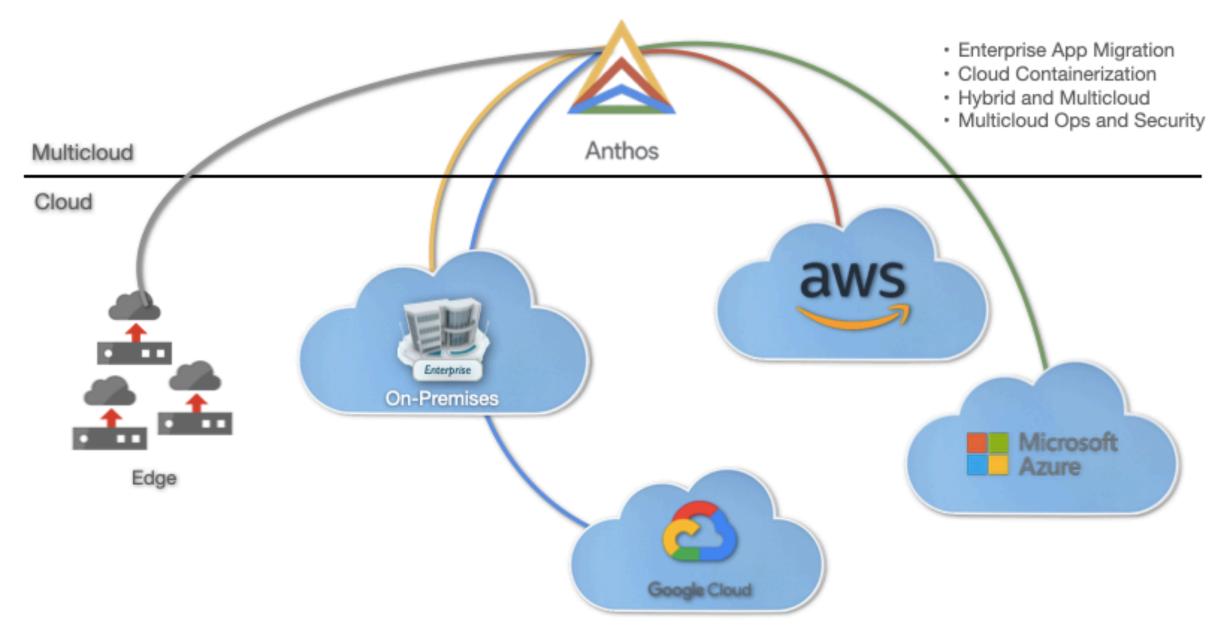








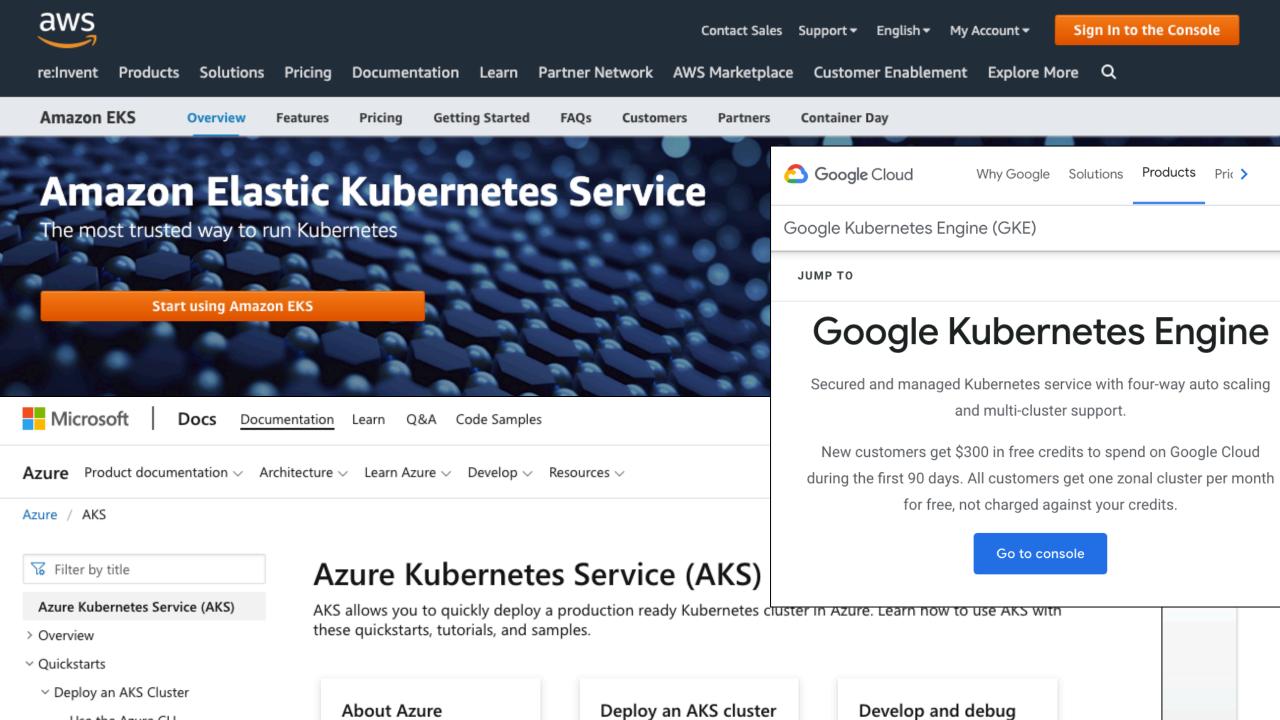














THE TWELVE FACTORS

I. Codebase

One codebase tracked in revision control, many deploys

II. Dependencies

Explicitly declare and isolate dependencies

III. Config

Store config in the environment

IV. Backing services

Treat backing services as attached resources

V. Build, release, run

Strictly separate build and run stages

VI. Processes

Execute the app as one or more stateless processes

VII. Port binding

Export services via port binding

VIII. Concurrency

Scale out via the process model

IX. Disposability

Maximize robustness with fast startup and graceful shutdown

X. Dev/prod parity

Keep development, staging, and production as similar as possible

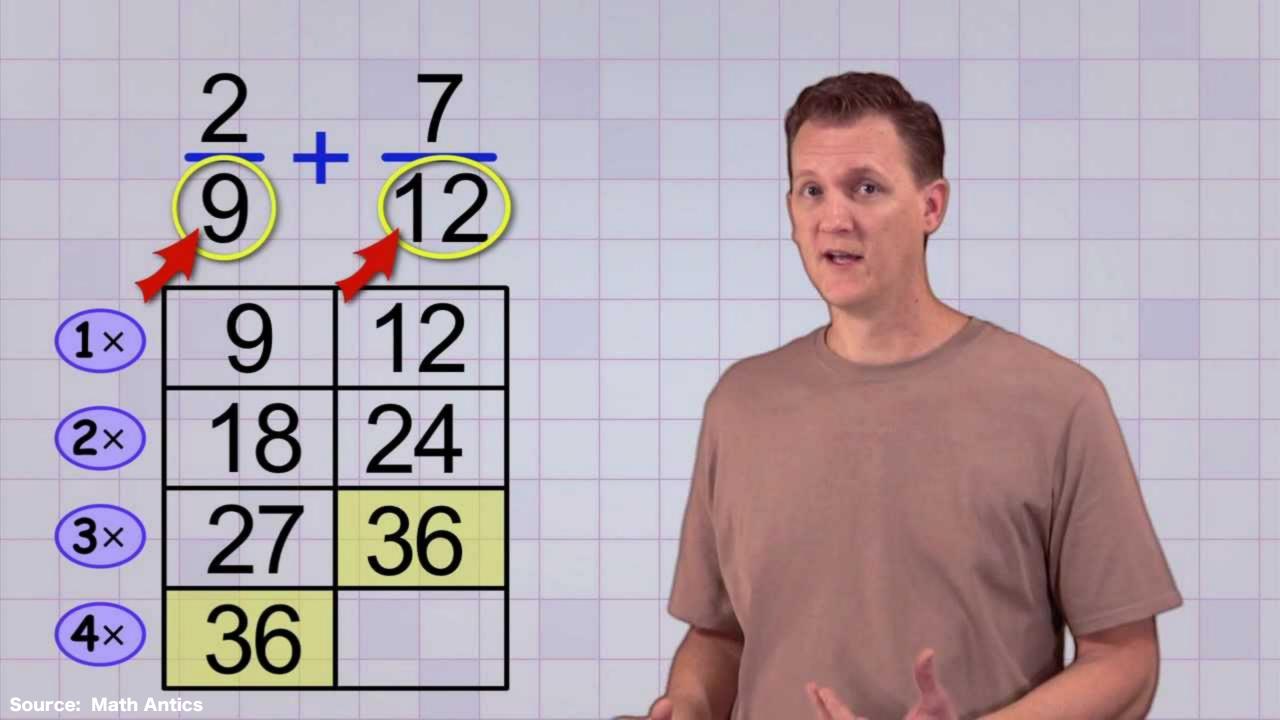
XI. Logs

Treat logs as event streams

XII. Admin processes

Run admin/management tasks as one-off processes

Source: 12factor.net



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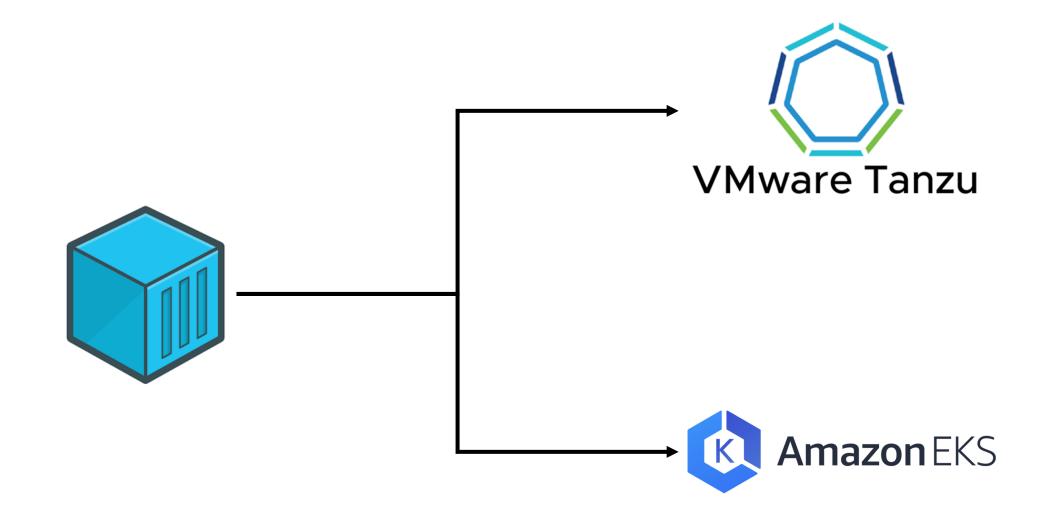


One Kubernetes Vendor Multiple Clouds

My Cloud's Managed Kubernetes







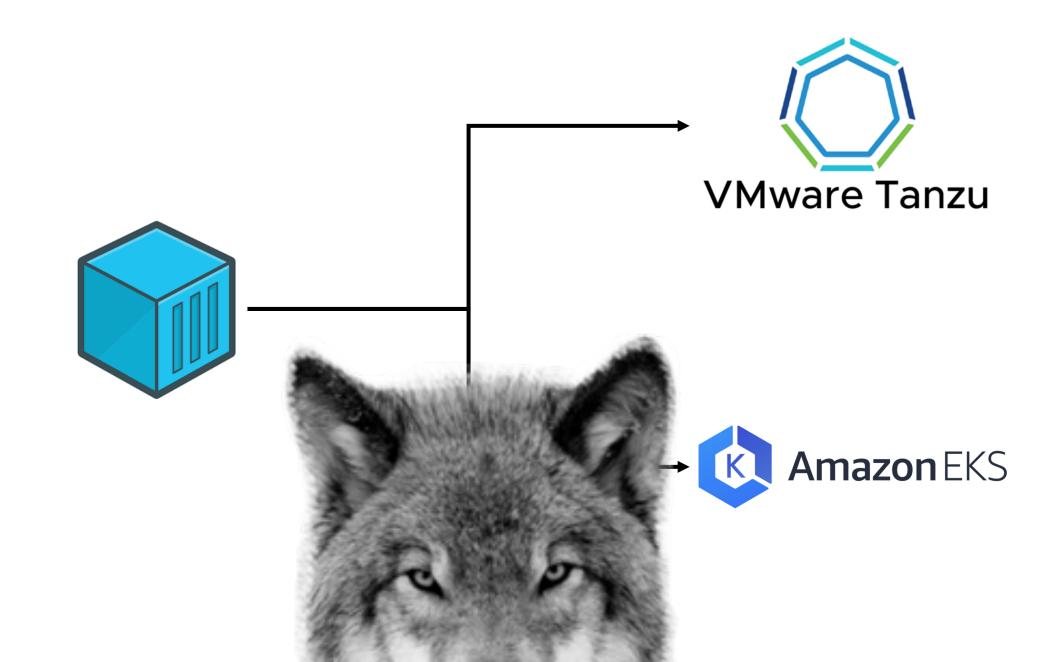


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2..* Kubernetes Platforms







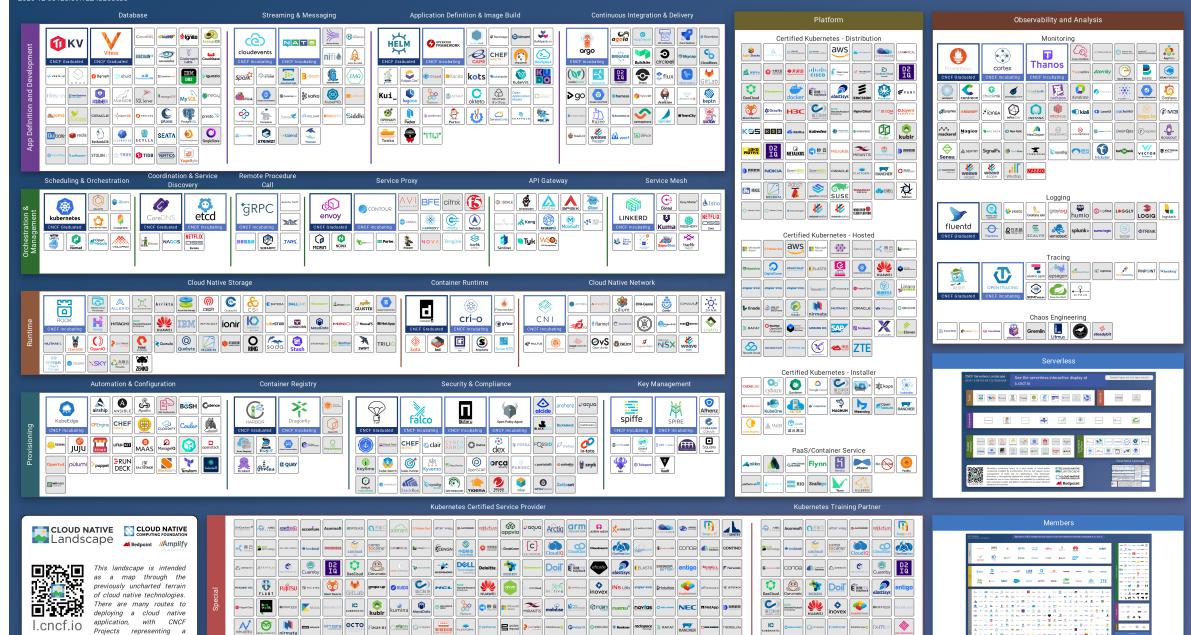








Proiects representing a particularly well-traveled

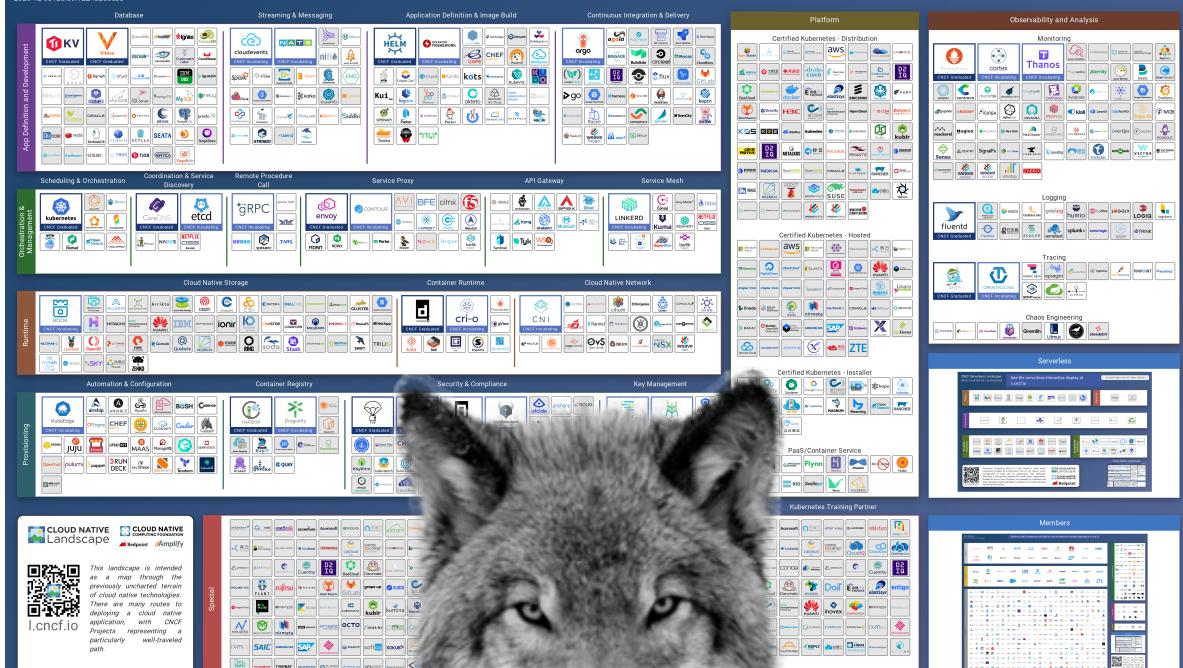


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Serverless

"Servers are an increasingly useless abstraction. Useful to infrastructure engineers, but not to app developers"

Charity Majors CloudNative London 2018





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Big Tech's grip on the world could trigger the next financial crash

Former HSBC boss sees parallels between pre-2008 banks and the technology firms on which society has become hooked

By James Cook and Morgan Meaker

30 November 2020 • 6:28pm









We're making the same mistakes with Big Tech as we made with banks during the 2008 financial crisis - and

















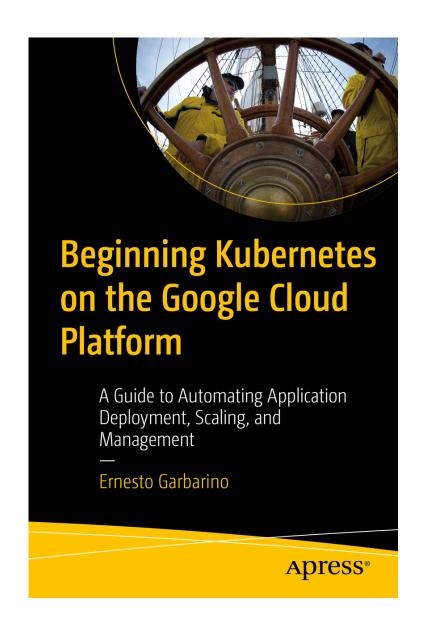




Anti lock-In is a "solution" that I buy from a vendor



Sound architectural principles





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- w garba.org
- in linkedin.com/in/ernesto-garbarino/