

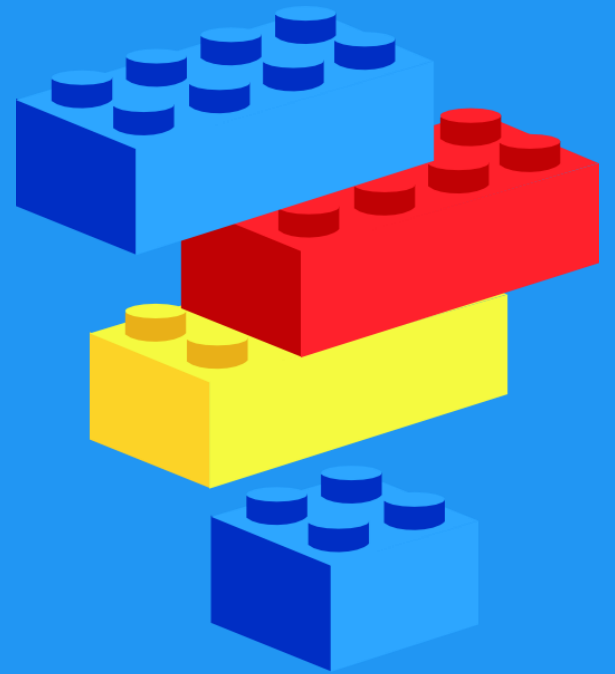
Microservice Magic

From a Headless CMS to Alexa in 30 minutes

Bryan Soltis
Kentico Technical Evangelist
Microsoft Azure MVP

What are microservices?

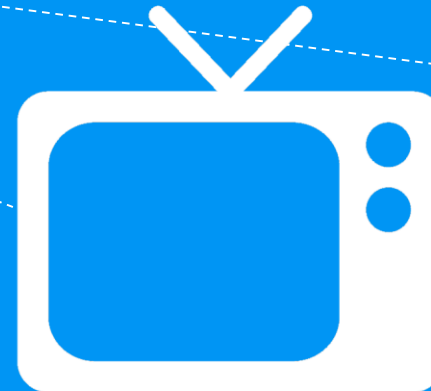
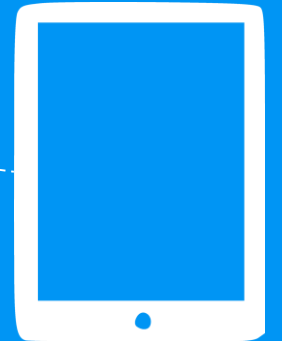
- Small, independent processes
- Communicate using language-agnostic APIs
- Decoupled building blocks for larger applications
- Remove single points of failure
- Best of breed services
- Allow for unique integrations/capabilities



Where to use microservices?

- Integrations
 - Connectors
 - Exception handling
 - Messaging
- **Content**
 - Headless CMS's
- APIs
 - Multi platform
 - GitHub projects
 - SDKs
- Extensions
 - Communications
 - Automation
- Reporting
 - Centralizing data
 - Multiple feeds
- Scaling
- Omnichannel delivery

Content as a service



Let's build something



Azure Functions



Powering Alexa with Kentico Cloud

<https://kenticocloud.com/blog/powering-alexa-with-kentico-cloud>

Recap



Kentico Cloud

- Cloud-based content
- Technology-agnostic API
- Updateable anywhere
- Omni channel delivery



Azure Functions

- Server-less Functionality
- Multiple languages / platforms
- Simplified processing
- Integration in minutes



Amazon Echo

- Digital assistant
- Huge user base
- Easy skills creation
- Targeted, customizable content

Recap



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Azure Functions

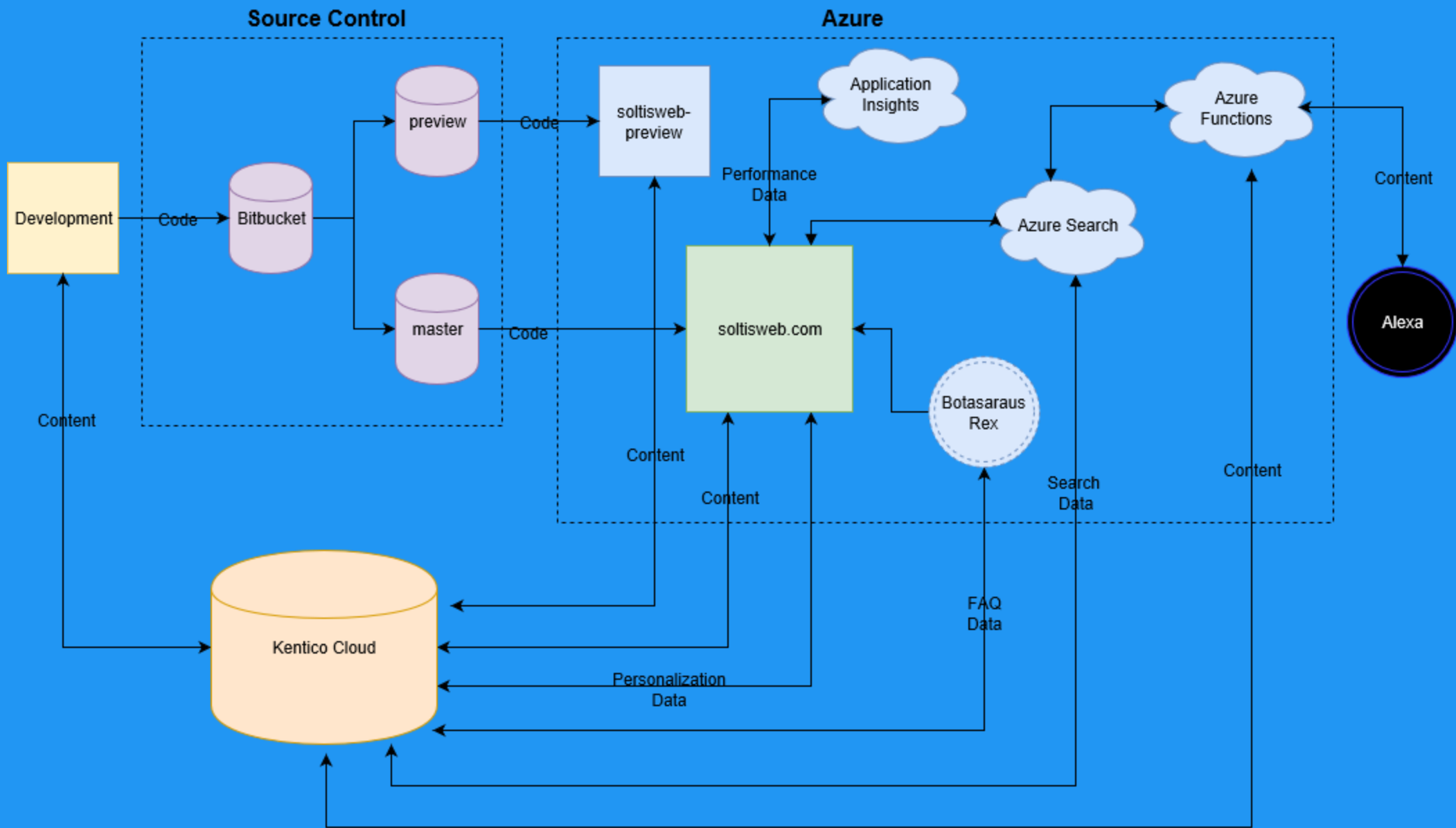
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