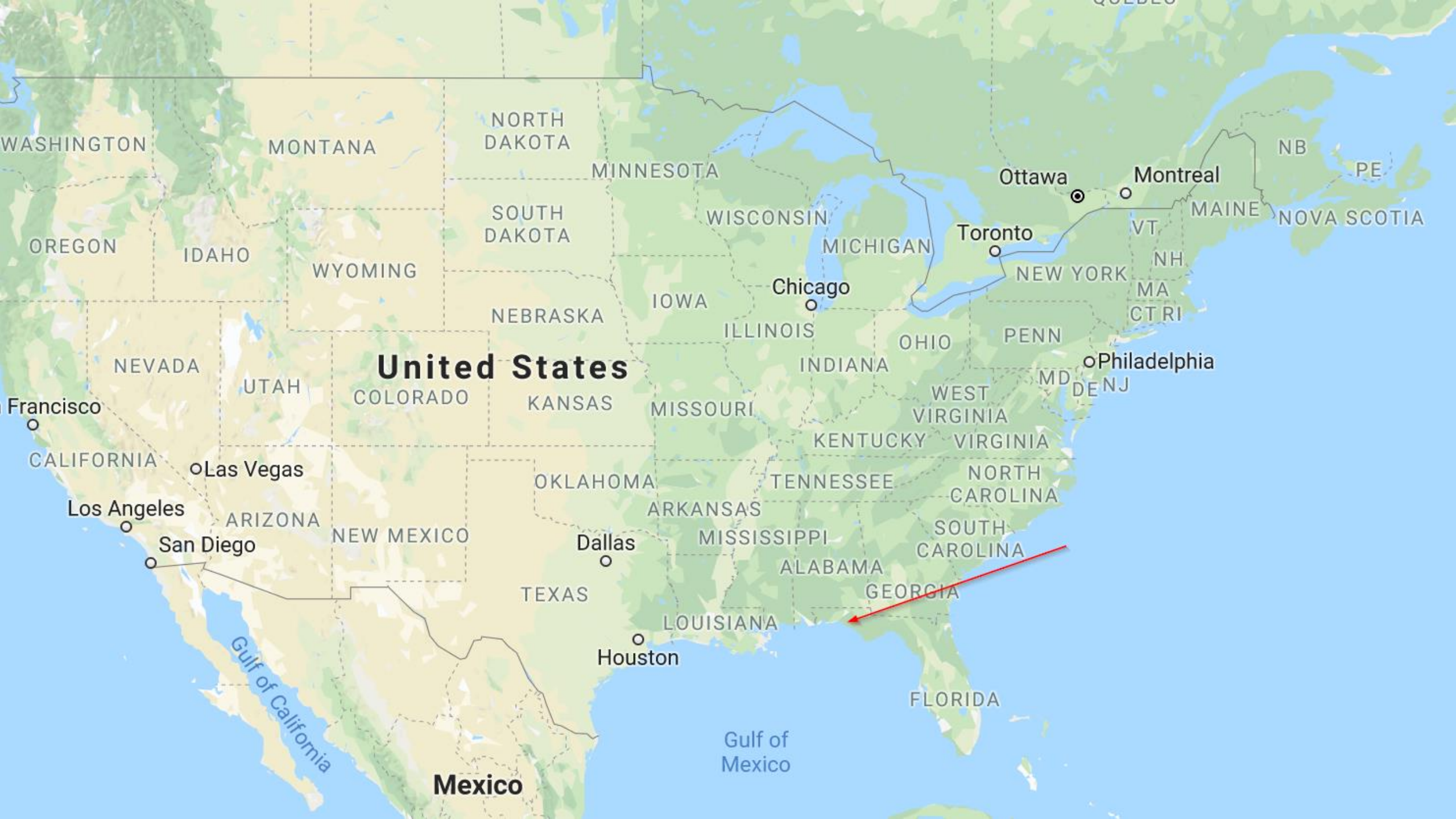


Microservice Magic

From a Headless CMS to Alexa in 30 minutes

Bryan Soltis
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Microsoft Azure MVP
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United States

Mexico

WASHINGTON

MONTANA

NORTH DAKOTA

MINNESOTA

OREGON

IDAHO

WYOMING

SOUTH DAKOTA

WISCONSIN

MICHIGAN

Ottawa

Montreal

NB

PE

MAINE

NOVA SCOTIA

VT

NH

MA

CT RI

Toronto

NEW YORK

Chicago

NEBRASKA

IOWA

ILLINOIS

OHIO

PENN

NEVADA

UTAH

COLORADO

KANSAS

MISSOURI

INDIANA

WEST VIRGINIA

PENN

MD

DE NJ

San Francisco

CALIFORNIA

Las Vegas

COLORADO

KANSAS

MISSOURI

KENTUCKY

VIRGINIA

Los Angeles

ARIZONA

NEW MEXICO

OKLAHOMA

ARKANSAS

TENNESSEE

NORTH CAROLINA

San Diego

San Diego

TEXAS

Dallas

MISSISSIPPI

ALABAMA

SOUTH CAROLINA

LOUISIANA

Houston

GEORGIA

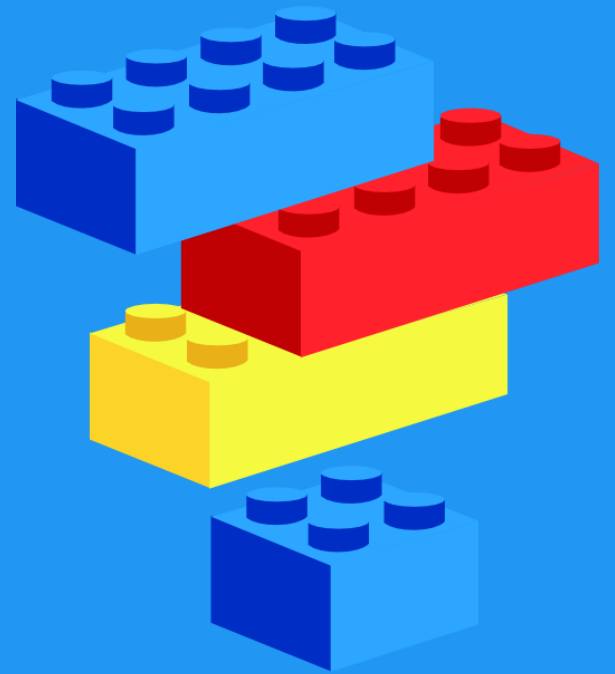
Gulf of California

Gulf of Mexico

FLORIDA

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



**Can be a big, 'ol
mess!**

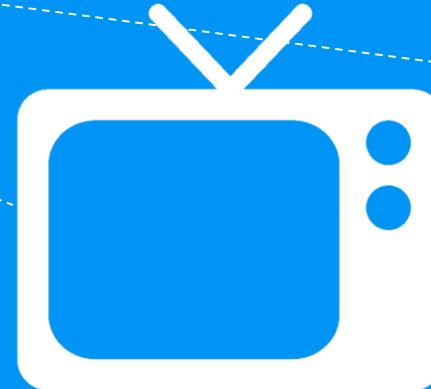
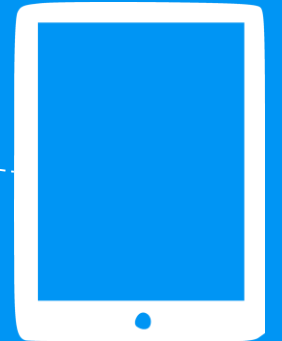


YOUR LOWER INTESTINES.

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

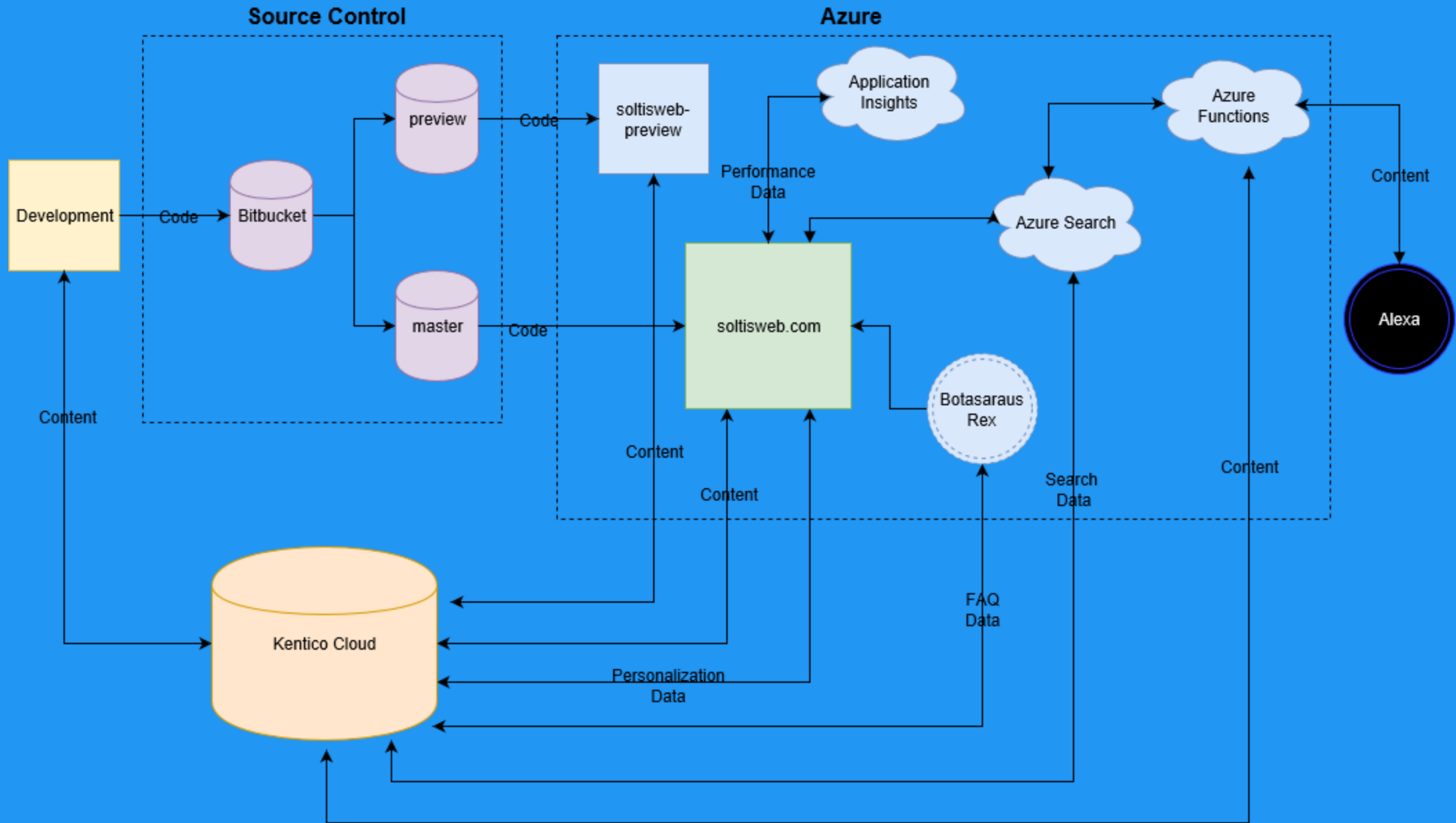
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