



# **Action Hybrid Data Conference**

2018 London





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Hybrid Data  
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# Databases as Micro-services

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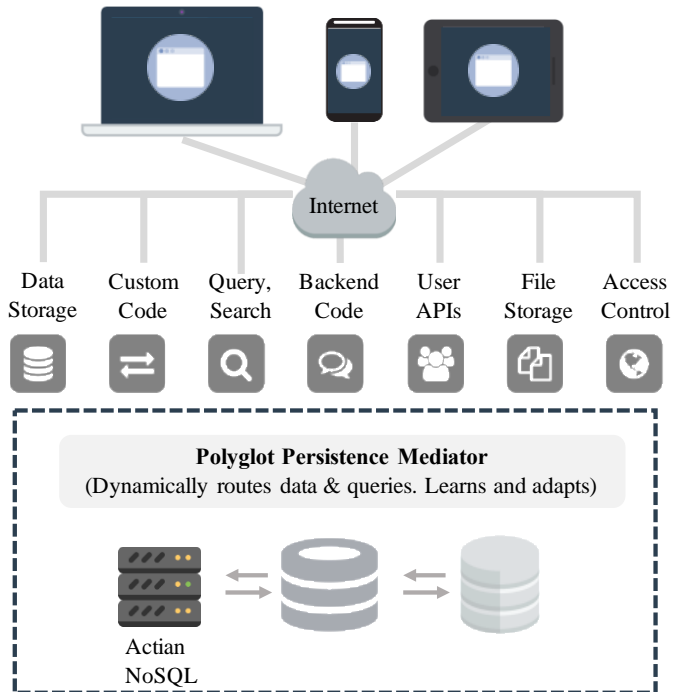
**First Look!**

# Why Backend-as-a-Service Matters

- Addresses **changes in development landscape**
  - E.g., microservices approach / serverless architectures
  - New approaches driven by multitude of new technology, e.g., node.js, lambdas, functional programming languages, and so on
- Every **modern http App Stack needs scalable, elastic, low-latency BaaS**
  - Devops and configuration as code enable / deepen iterative design, implementation, as well as increasingly short release timeframes, e.g. “hourly production pushes”
  - Increased ability of cloud service providers to test and potentially revise new functionality, e.g., through AB testing
- **Actians owns unique range of Data Management and Analytics capabilities**
  - Increasing notion of KISS and Lego-like principles drive adoption of polyglot persistence
  - Access via a BaaS with no unique Database skills needed provide a unique value opportunity for our customers to extend their reach and capabilities
- **Substantially increased emphasis on “user experience”**
  - Applies to user interfaces and application usage
  - Reduces time available to deal with low productivity on the backend

# Backend-As-A-Service

Full-featured platform for developing modern apps

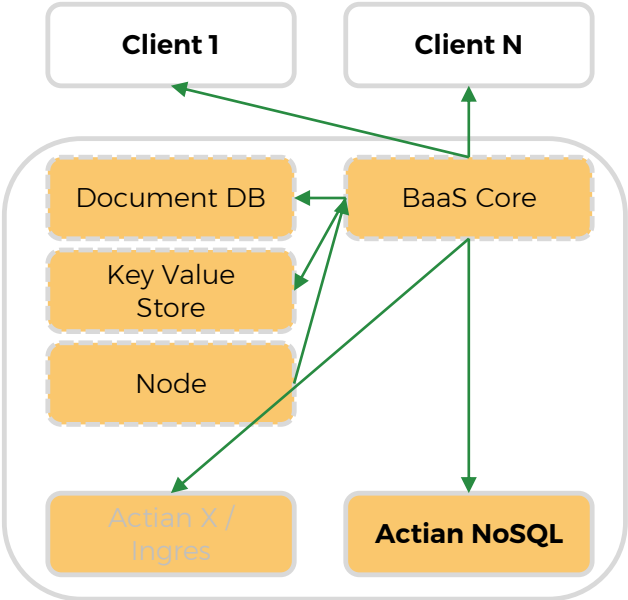
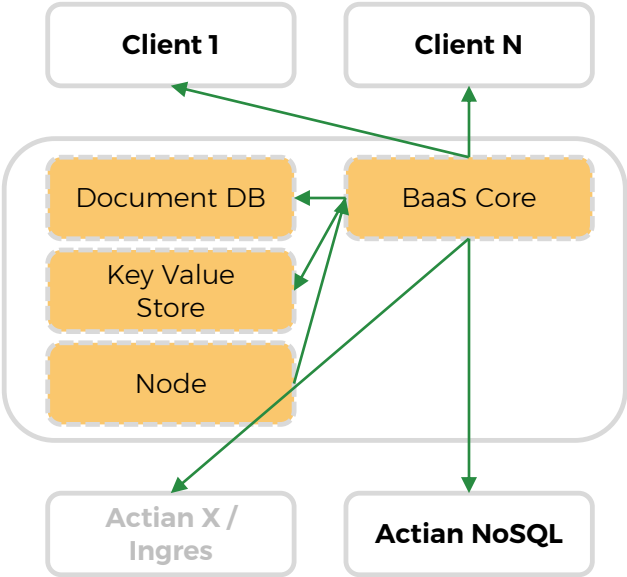


- Enable rapid app development
  - REST APIs
  - Support hybrid-data apps
  - Low-latency performance
- Improved developer experience
- Containerized, hybrid deployments
  - On-prem / Private cloud
  - Enterprise data center deployment
- Extensible beyond Actian NoSQL
  - Allow access to other databases, like Actian Zen, Actian X / Vector

# Deployment Architecture Overview

Existing Customer

New Customer



phys / virt. Machine      Docker Container



**Demo!**



# Not Really Covered Today

- ACLs & User Management
- Application frameworks
  - React
  - Bootstrap
  - ...
- Queries & query language
- Logging
- Server-side code



**Thank you!**