LAGOM OVERVIEW

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Lightbend

Lagom - *enough, sufficient, adequate, just right*

- Microservices framework for the JVM
- Provides Java and (soon) Scala API

OVERALL THEME

Guidance

SUB-THEMES

- Communication
- Persistence
- Development
- Production

COMMUNICATION

- Type-safe service API
- Synchronous message passing using REST
- Asynchronous message passing using Kafka
- Location transparency
- Resilience

PERSISTENCE

- Domain Driven Design
- Event sourcing and CQRS
- In-built sharding across a cluster
- Cassandra, relational databases and more

DEVELOPMENT

- Run all services with one command
- Hot reloads on code change
- Manages Cassandra, Kafka and service locator
- Use sbt or maven

PRODUCTION

- Service orchestration using ConductR
- Scale up and down nodes for a service
- Automatic cluster management
- Locate services through ConductR

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http://lagomframework.com