



# Spring Boot Microservices

---

Beginner to Guru

Monolith Deconstruction Next Steps



## Where We Are At

- Beer Monolith has been broken into 3 independent microservices
- Each is using its own in-memory database
- Setup inter-service communication for read operations



## What's Not Working

- Order Allocation is not working
- Beer 'Brewing' is not working
- Monolith was using Spring Events and scheduled jobs for these features
  - Events and consumers of events is broken
- The 3 services each are using Maven, BUT there is a high degree of duplication in Maven POM files



## Next Steps

- Establish Maven BOM to reduce duplication in Maven POMs
  - Also - good technique for standardization and compliance in the enterprise
- Setup MySQL for database - will help with troubleshooting, and configuration for target deployment
- Transaction to JMS to publish events as messages
- Build Saga's to coordinate microservice actions for events
  - ie Order Allocation

