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The Coffee House Blog

JA Application

The Architecture

Contents

# Using A Microservices Style

What is a Microservice: According to the SEI Software Engineering Institute at Carnegie Mellon University, “a microservice is an architectural style that is an approach to building a single application as a suite of small services, each running in its own process and communicating with lightweight mechanisms, often as HTTP resource API. These services are built around business units and independently deployable by fully automated deployment machinery.”

This deployment constraint is extremely important because the shape of the resource teams is dependent on allowing autonomy and independence to achieve high performant developer teams.

# Using the API Gateway Pattern

In this application I have 3 API Gateways.

## Security API Gateway

According to CyberSecurityHub on Instagram the Six Biggest Cyber Risks facing us is

This gateway is used to

# The Domain Model

The domain model for each of the bounded context is defined in 2 places.

1. In the Domain Model
2. In the API in the api

When handling requests from the UI to create/update the view model, the domain model from the UI will be sent and recreated as the model in the view Model.

Lets look at the code.