

MicroServices

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Cole Danbury

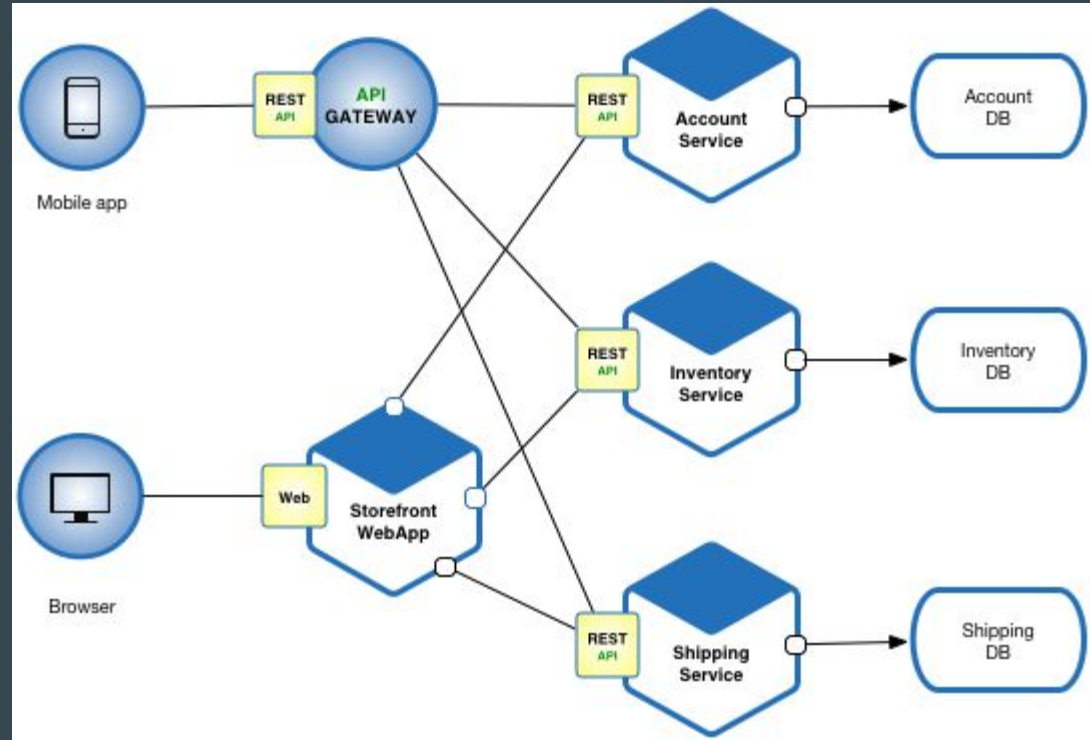
About Me

Former Computer Engineering Major at Wright State University, and afterwards transitioning to a back-end developer for the Platform team at Winsupply. Currently, I focus on the application control and utilities of WISE and other critical applications at Winsupply.

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Scope Setting

- Where do microservices come into play?
- Microservices vs Monolith
- Microservice vs web app vs database
- More information about restful apis: <https://restfulapi.net/>



What is a Spring Boot?

- Spring vs Spring Boot:
<https://www.baeldung.com/spring-vs-spring-boot>
- Where do the dependencies come from?
- What does it make easy?



Http Status Codes

HTTP Status Codes



1XX
INFORMATIONAL

2XX
SUCCESS

3XX
REDIRECTION

4XX
CLIENT ERROR

5XX
SERVER ERROR

Let's take a look at WOMS

Swagger Editor

File Edit Insert Generate Server Generate Client About

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```
    technicianLastName: Delasancha
  - technicianCode: T10483
    technicianFirstName: Gilma
    technicianLastName: Liukko
  - technicianCode: T10484
    technicianFirstName: Janey
    technicianLastName: Gabisi
  - technicianCode: T10485
    technicianFirstName: Lili
    technicianLastName: Paskin
  - technicianCode: T10486
    technicianFirstName: Loren
    technicianLastName: Asar
  - technicianCode: T10487
    technicianFirstName: Dorothy
    technicianLastName: Chesterfield
  - technicianCode: T10488
    technicianFirstName: Gail
    technicianLastName: Simlton
  - technicianCode: T10489
    technicianFirstName: Catalina
    technicianLastName: Tillotson
  - technicianCode: T10490
    technicianFirstName: Lawrence
    technicianLastName: Lorens
  - technicianCode: T10491
    technicianFirstName: Carlee
    technicianLastName: Boulter
  - technicianCode: T10492
    technicianFirstName: Thaddeus
    technicianLastName: Ankeny
  - technicianCode: T10493
    technicianFirstName: Jovita
    technicianLastName: Oles
  - technicianCode: T10494
    technicianFirstName: Alesia
    technicianLastName: Hixenbaugh
  - technicianCode: T10495
    technicianFirstName: Lai
    technicianLastName: Harabedian
  meta:
    message: Successfully retrieved technicians.
tags:
  - name: Customers
  - name: Work Orders
  - name: products
  - name: States
  - name: Technician
```

work-order-pro-service

1.0.0 OAS 3.0

Servers

{{BASE_URL}}

Customers

GET /customers Get Customers

POST /customers Add Customer

PUT /customers/503 Update Customer

DELETE /customers/502 Delete Customer

Work Orders

GET /workOrders Get Work Orders

POST /workOrders Create WorkOrder

PUT /workOrders/1 Update WorkOrder Copy

products

GET /products GET PRODUCTS

Questions?

