

Microservices Setup Guide

Introduction

This guide will help you to set up and run microservices on your local machine.

Prerequisites

- Ensure you have the necessary runtime environments and dependencies installed in your machine
- Ensure you have an IDE installed to run the microservices

Running Microservices

Start the microservices in the following order given below:

1. Eureka Server:

- Start the eureka server to register all microservices which serves as a service registry
- The service will be available at '**http://localhost:8761/**'
- Navigate to above mentioned URL to see available microservices instances status

2. Config Server:

- Start the config server to manage centralized configuration for distributed microservices
- The service will be available at '**http://localhost:8086/**'
- The config file is available at GitHub account
<https://github.com/saniyasingh503/microservice-configuration>

3. API Gateway:

- Start the API gateway which server as a single-entry point to other microservices
- The service will be available at '**http://localhost:8083/**'

4. Customer Management Service:

- Start the customer management service which handle all customer related requests
- The service will be available at '**http://localhost:8084/**'

5. Account Management Service:

- Start the account management service which handle all account related requests
- The service will be available at '**http://localhost:8085/**'

Verify Services are Running

After starting all microservices, open a web browser or use a tool like curl or Postman to test if each service is running by hitting the base URLs provided. Refer to the URL documentation for detailed information how to make requests.

Conclusion

You should now have all your microservices running locally. Check each service's status using the provided URLs and ensure they are functioning as expected.