shopd

This is a distributed system of online shopping mall, which supports all functions from single machine to cluster. Can help you quickly build a distributed online mall. It is also an example engineering for learning the concepts of distributed system, lock-free programming and micro-service splitting.

Development environment:Ubuntu 16.04.4, vscode 1.25.1, mysql Ver 14.14 Distrib 5.7.26, redis 3.0.6, maven 3.6.0, java 1.8.0\_201, git 2.7.4

After installing the above environment, execute in the installation directory

**>mvn install**

Then import shop. SQL into MySQL database

**>mysql -h localhost -u root -p test < /shop.sql --default-character-set=utf8**

If you use the VSCode editor, you need to add the **launch.json** file

{

// Use IntelliSense to learn about possible attributes.

// Hover to view descriptions of existing attributes.

// For more information, visit: https://go.microsoft.com/fwlink/?linkid=830387

"version": "0.2.0",

"configurations": [

{

"type": "java",

"name": "Debug (Launch) - Current File",

"request": "launch",

"mainClass": "${file}"

},

{

"type": "java",

"name": "Debug (Launch)-DemoApplication<shopd>",

"request": "launch",

"mainClass": "com.github.gantleman.shopd.DemoApplication",

"projectName": "shopd"

}

]

}

This is also a distributed introduction to the example project in Chapter 5 of the series. You can also click on the links below to find relevant articles.

[ITDSD-1. Splitting in Microservice Architecture](https://www.codeproject.com/Articles/3507113/Introduction-to-Distributed-System-Design-1-Splitt)

[ITDSD-2. Practice of Splitting in Microservice Architecture](https://www.codeproject.com/Articles/4051345/Introduction-to-Distributed-System-Design-2-Practi)

[ITDSD- 3. Overview of Distributed Software Engineering](https://www.codeproject.com/Articles/4406321/ITDSD-3-Overview-of-Distributed-Software-Engineeri)

[ITDSD - 4. Quantitative Analysis of Distributed Software](https://www.codeproject.com/Articles/5114968/ITDSD-4-Quantitative-Analysis-of-Distributed-Softw)