Launch Back-end Source Code

- 1. Sample code: https://github.com/dji-sdk/DJI-Cloud-API-Demo
- 2. Need to install Plugin Lombok
- 3. Change in IntelliJ the config file. /src/main/ressources/application.yml

```
name: cloud-api-sample
datasource:
    type: com.alibaba.druid.pool.DruidDataSource
    driver-class-name: com.mysql.cj.jdbc.Driver
    url: jdbc:mysql://localhost:3306/cloud_sample?useSSL=false&allowPublicKeyRetrieval=true
                                          Need to change to localhost
                                           MySQL username and password
    max-wait: 60000
                                        Redis - localhost
 host: localhost
 port: 6379
 password:
subject: CloudApiSample
secret: CloudApiSample
host: 192.168.1.12 # 192.168.1.1

    EMQX, the IP-Address from Vite

inbound-topic: sys/product/+/status,thing/product/+/requests
```

- 4. Configuring startup.
 - -> Add Configuration
 - -> +
 - -> Application
 - -> Main class:
 - -> CloudApiSampleApplication
- 5. Backend started

```
2023-02-02 22:34:31.183 INFO 1348 --- [ main] o.s.m.s.b.SimpleBrokerMessageHandler : Started.
2023-02-02 22:34:31.198 INFO 1348 --- [ main] c.dji.sample.CloudApiSampleApplication : Started CloudApiSampleApplication in 8.003 seconds (JVM running for 8.621)
```

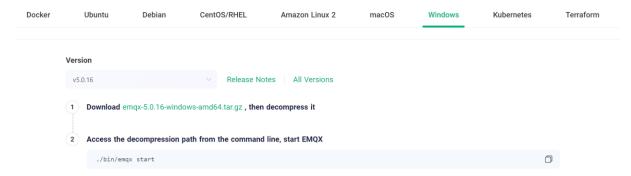
Launch Front-end Source Code

- 1. Sample code: https://github.com/dji-sdk/Cloud-API-Demo-Web
- 2. Open the source code using the IDE. /src/api/http/config.ts



- 4. Open the console at the root of the project and run the command to install the dependencies. (npm install)
- 5. Run the command to start the service. (npm run serve)

6. Download EMQX https://www.emqx.io/downloads?os=Windows



- 7. Go in Folder and start EMQX with (./bin/emqx start)
- 8. Test Connections http://localhost:18083/#/login?to=/connections

username: admin password: public change User to:

username: JavaServer password: 123456

- 9. Download Redis
- 10. Open in Powershell (wsl -u root)
- 11. In Ubunto download Redis with

curl -fsSL https://packages.redis.io/gpg | sudo gpg --dearmor -o /usr/share/keyrings/redis-archive-keyring.gpg

echo "deb [signed-by=/usr/share/keyrings/redis-archive-keyring.gpg] https://packages.redis.io/deb \$(lsb_release -cs) main" | sudo tee /etc/apt/sources.list.d/redis.list

sudo apt-get update sudo apt-get install redis

- 12. Start Redis with (sudo service redis-server start)
- 13. Install MySQL https://dev.mysql.com/downloads/installer/