To run the application

1. Run gradlew build
2. crypto-exchange-0.0.1-SNAPSHOT.jar will be generated in directory /crypto-exchange/build/libs
3. run command line “java -jar crypto-exchange-0.0.1-SNAPSHOT.jar”

Be sure have java installed (I am java 13 in my machine), it is going to look like below

Graphical user interface

Description automatically generated

1. Get list of symbols by enter <http://localhost:8080/symbols> in browser

Text

Description automatically generated

1. Initialize the web socket stream by input <http://localhost:8080/execute> in browser

Graphical user interface, text, application

Description automatically generated

Command line is rolling

A picture containing text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Ctrol + c , the program is stopped

Text

Description automatically generated

Execute code in Intellij idea

1. Go to directory crypto-exchange, run command gradlew idea
2. Open intellij, import project
3. Run CryptoExchangeApplication, screenshot below

Text

Description automatically generated

Get list of symbols by enter <http://localhost:8080/symbols> in browser

Text

Description automatically generated

Run execute api to initiate socket stream by entering <http://localhost:8080/execute> in browser

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated

Query statistics information for the symbol

Graphical user interface, text, application

Description automatically generated

Query again

Graphical user interface, text, application, email

Description automatically generated