

Serverless CQRS Kotlin VM Setup

Running the API

[Download Kotlin Workshop Linux VM.ova](#)

Open VirtualBox. Click on Tools → Import

Select Kotlin Workshop Linux VM.ova

sudo password is: kotlin12

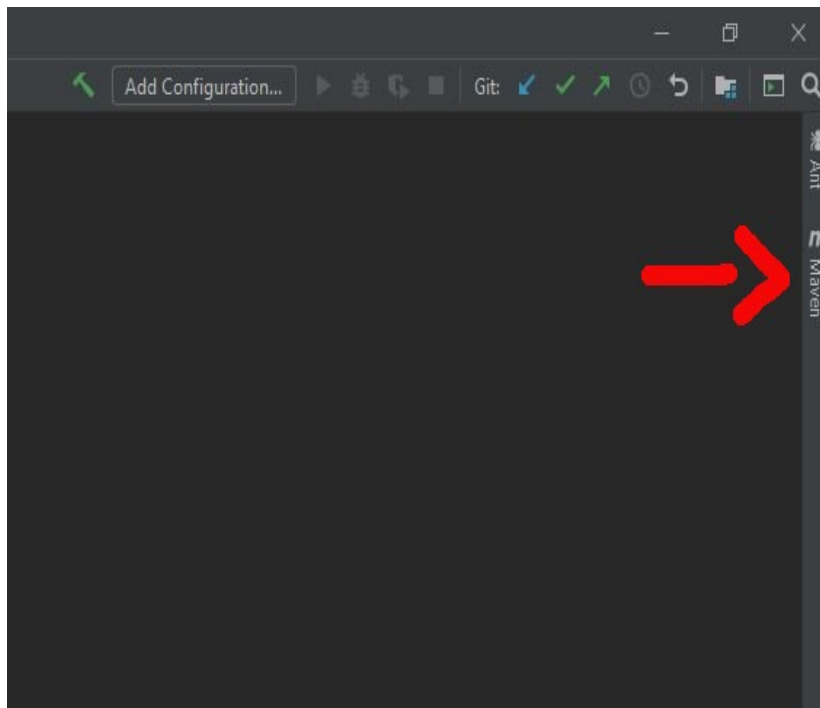
Project directory is ServerlessCQRSKotlin

A docker-compose.yml file has also been provided in the repositories root directory. Execute the command `sudo docker-compose up` in the root directory to run your event store. Make sure that the event store database is installed and running. This can be verified by loading <http://localhost:2113/web/index.html#/> The default username/password is admin/changeit. Commands cannot be issued to the hotel reservation system without an active event store.

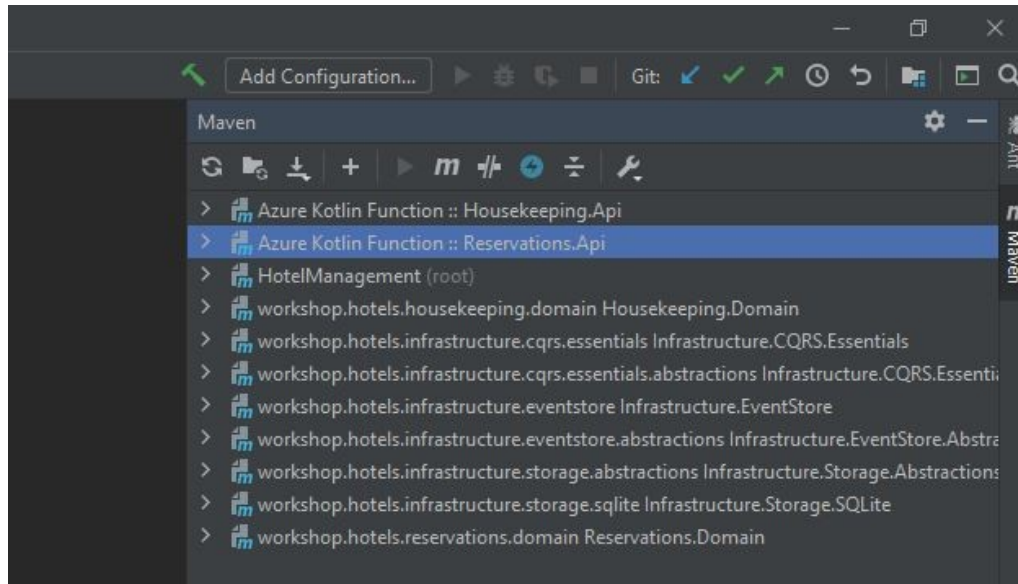
Open HotelManagement with IntelliJ IDEA

To run one of the APIs do the following steps to run

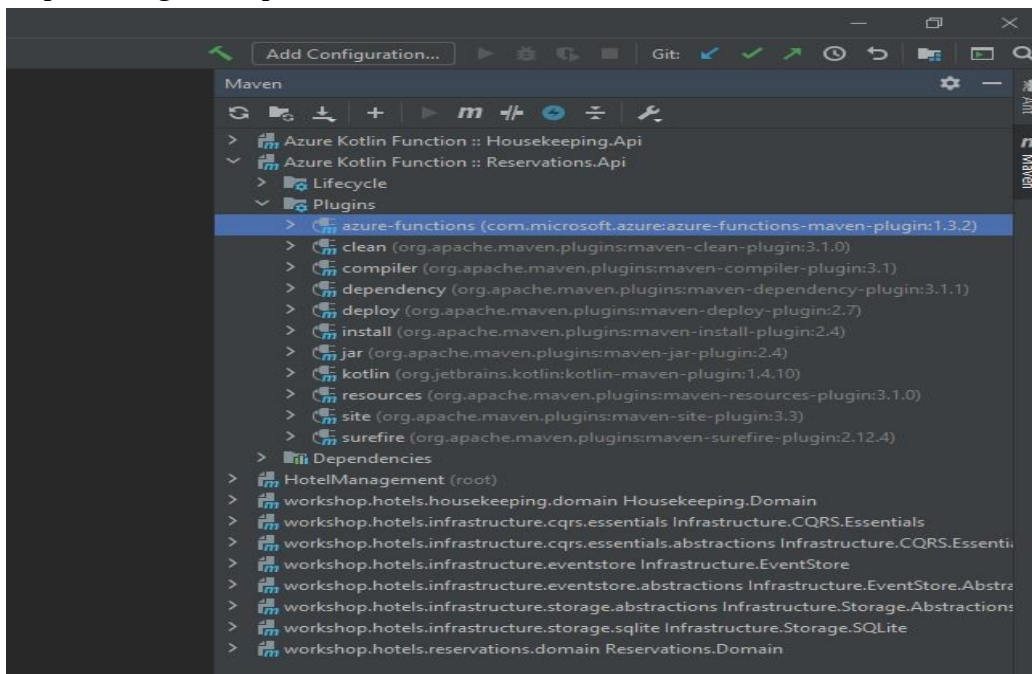
1. Select Maven on the right side of IntelliJ



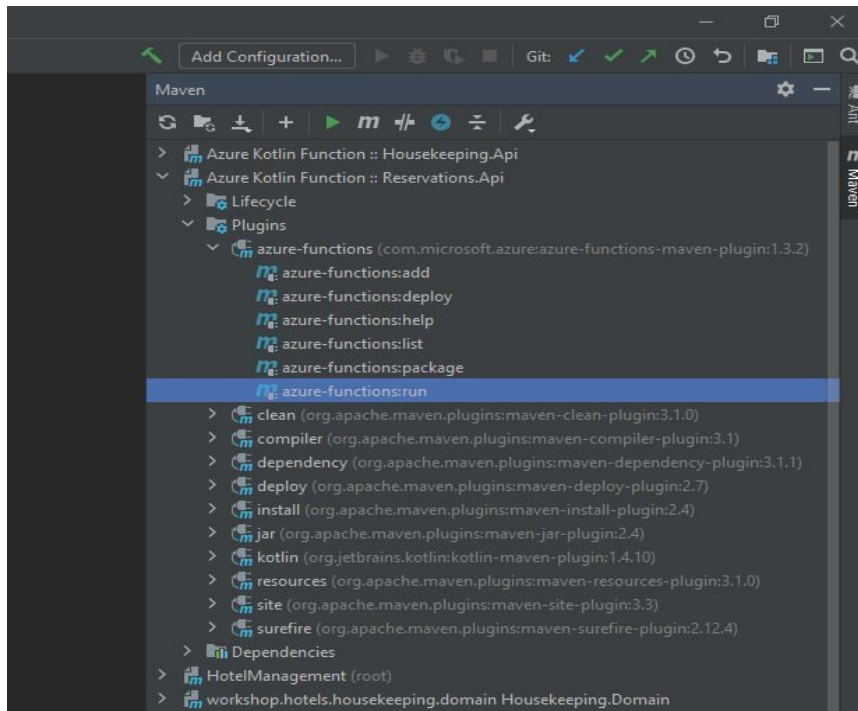
2. Expand Azure Kotlin Function :: Reservations.api



3. Expand Plugins. Expand azure-functions



4. Run azure-functions:run



For additional information about debugging azure functions locally using IntelliJ IDEA go to the following URL

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-maven-kotlin-intellij>