# Installation guide

1. Install vs code @  [https://code.visualstudio.com/download](%20https://code.visualstudio.com/download)
2. Install spring, axon framework, java extension inside vs code

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*Fig: spring framework extension in vs code*

1. For running smoothly, you must first check your spring version, I am using version 2.6.3
2. Download Rabbit MQ @ <https://www.rabbitmq.com/download.html> (This is used for running, hexagonal architecture)
3. After installing rabbit MQ, first go to your start menu and search rabbit MQ command prompt and hit -> rabbitmq-plugins enable rabbitmq\_management. This will start the RabbitMQ server.

* Username: guest
* Password: guest

Graphical user interface, text, application, email

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1. Running RabbitMQ will make communication between the microservices possible, run each services independently.
2. Layered architecture runs at, 8081
3. Hexagonal architecture has three services each runs at, 9191, 9193 and 9192
4. CQRS and event source has two services running at, 8081 and 8082
5. Download Axon server for CQRS and event sourcing at <https://developer.axoniq.io/download>
6. After downloading axon server, go inside the folder AxonQuickStart\axonquickstart-4.5.10\AxonServer and run **java -jar axonserver-4.5.10.jar**

Graphical user interface, text, application, chat or text message

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