

To compile YCQL project

1. Get into the folder of ycql and type in command **mvn package** to generate jar package
2. It will generate a jar package named **ycql-0.0.1-SNAPSHOT.jar** under **ycql/target**
3. Use command **nohup java -jar ycql-0.0.1-SNAPSHOT.jar &** to start the project
4. Type in **ip:port/sc/benchmark** in a browser to start benchmarking
5. Output info will be stored in a file in the same directory as jar package, named **nohup.out**

Organization of YCQL project

1. CQL file to define tables and include data: **ycql/src/main/resources/cql/scehma.cql**
2. Implementation of entites in Java class: **ycql/src/main/java/com/cs5424t/ycql/Entities**
3. Transactions: **ycql/src/main/java/com/cs5424t/ycql/Controller/SupplyChainController.java**
4. Config file: **ycql/src/main/resources/application.properties**
5. Class for benchmarking: **ycql/src/main/java/com/cs5424t/ycql/Controller/SupplyChainController.java**

If want to change config info of this project, like cluster IP or port info or csv path

1. Config info is stored in **ycql/src/main/java/resources/application.properties**
2. Change project port: vim this file and modify **server.port=xxxx**
3. Change clusters IP: vim and modify **spring.data.cassandra.contact-points=IP1,IP2,IP3**
4. Change clusters port: vim this file and modify **spring.data.cassandra.port=xxxx**
5. Change csv path: vim this file and modify **csv.locationFolder=path to csv file**