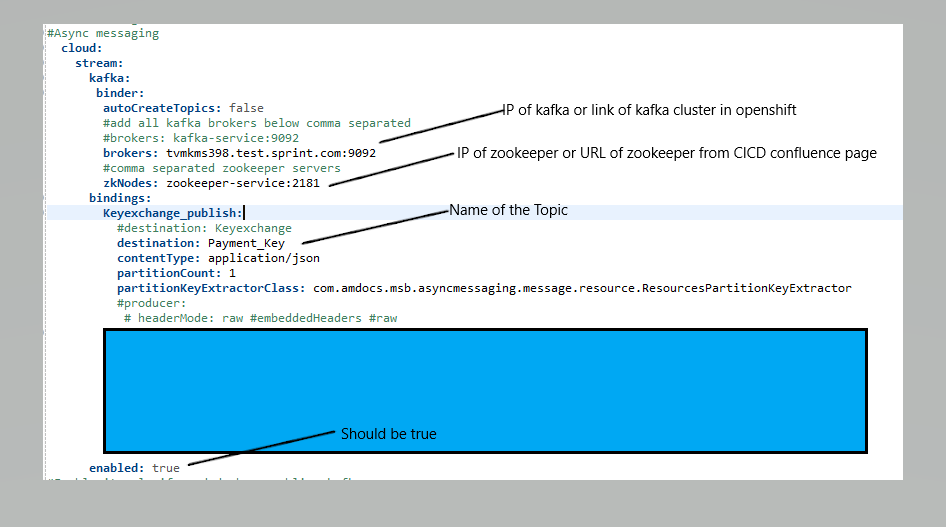
Publishing/ Subscribe Messages to/from Kafka from Microservice (MSBuilder)

Things to know before configuring Kafka:

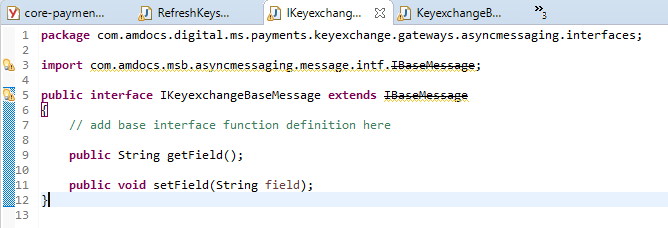
1. Kafka Cluster IP
2. Zookeeper Cluster IP
3. Topic Name

**Publishing Messages to Kafka:**

Configure core-config yaml in exe as below:

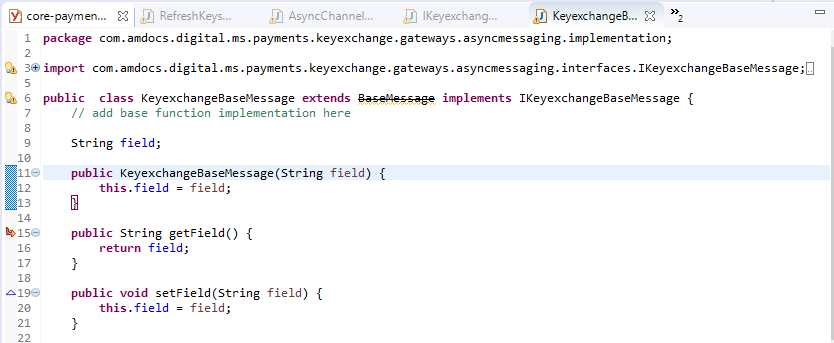


Create the Interface whose implementation will hold message data in *gateways.asyncmessaging.interface*



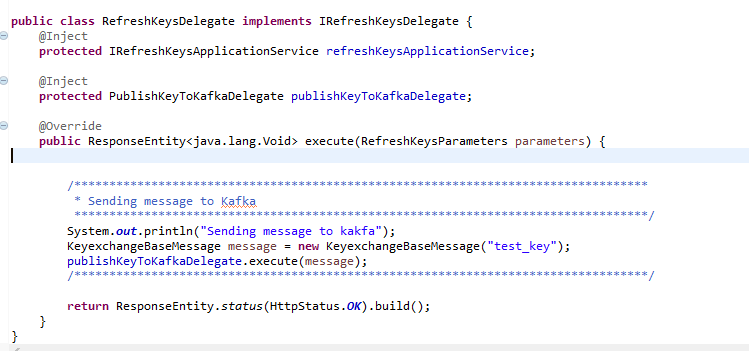


Create implementation of above in *gateways.asyncmessaging.implementation*



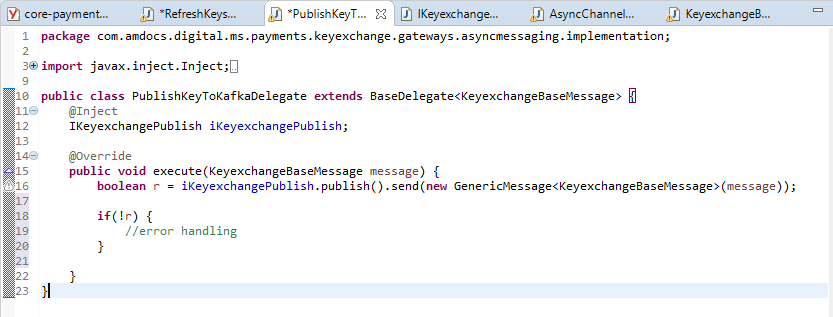


Create/edit delegate class in resource project



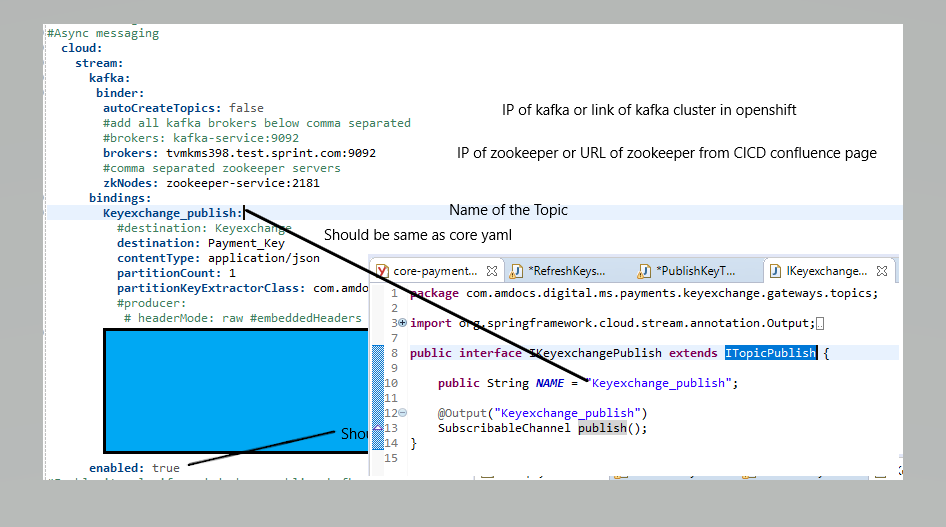


Create *PublishKeyToKafkaDelegate* extending *BaseDelegate* in gateway layer

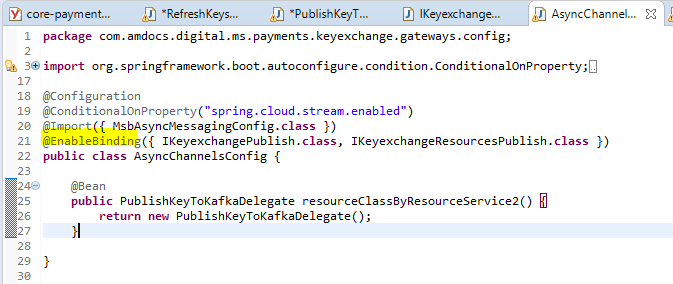




Create *IKeyexchangePublish* extending *ITopicPublish* in gateway layer



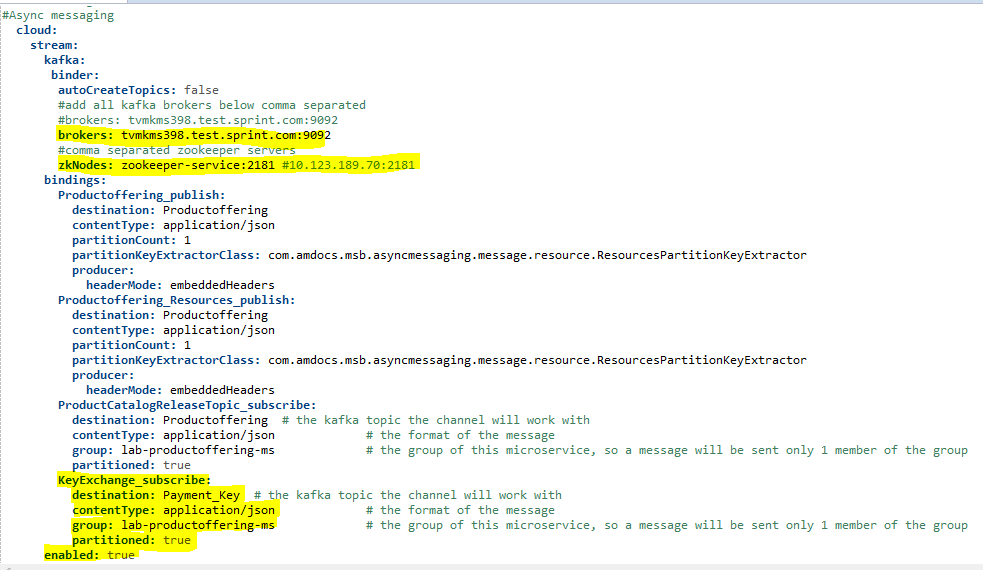
Enable binding with channel in *keyexchange.gateways.config*



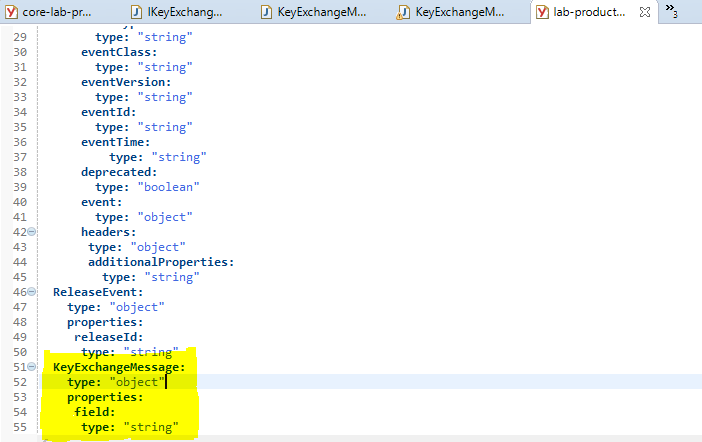


**Subscribing to the Kafka Topic**

Edit the core-config yaml as highlighted:

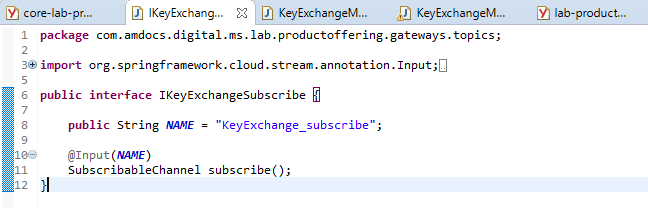


Edit /lab-productoffering-asyncmessages/src/main/resources/swagger/lab-productoffering-asyncmessages.*yaml* as below



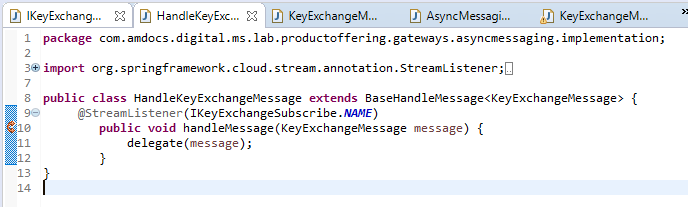
Run *maven clean install* to generate *KeyExchangeMessage.java* in lab-productoffering-asynmessages

Create Channel in gateway layer

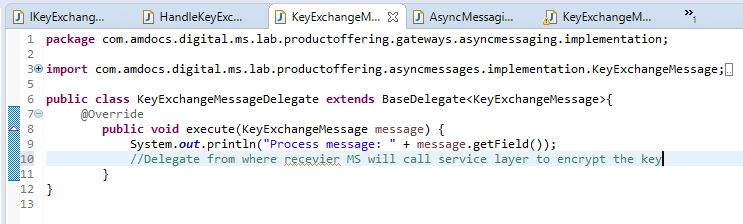




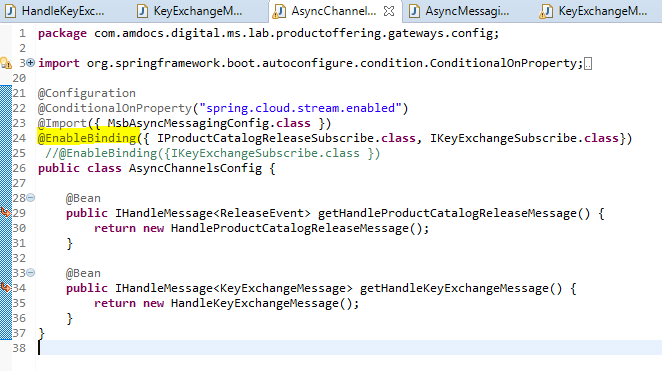
Create Handler in *gateways.asyncmessaging.implementation* extending *BaseHandleMessage*



Create the Delegate in gateways.asyncmessaging.implementation



Configure above classes in AsynChannelsConfig.java in gateway layer and enable binding with the kafka channel



Configure the message in AsyncMessagingConfig.java

