**- Configuring incoming messages for business process**

Once kafka dependency is already included, it is also possible to enable input messages to business process by adding the following dependency to the pom.xml:

<dependency>

<groupId>org.kie.kogito</groupId>

<artifactId>kogito-addons-quarkus-messaging</artifactId>

</dependency>

This dependency will allow kogito business process to listen to a topic effortlessly.

After adding the necessary dependencies to the pom.xml, the configuration.properties should be adjusted to have the incoming channel and topic for the example it will run.

For this scenario, here is the configuration. The channel and the values for the properties will vary according to the business requirements and the broker configuration respectively

# Kafka configuration

mp.messaging.incoming.onboarding-client.connector=smallrye-kafka

mp.messaging.incoming.onboarding-client.topic=onboarding-client

mp.messaging.incoming.onboarding-client.value.deserializer=org.apache.kafka.common.serialization.StringDeserializer

mp.messaging.incoming.onboarding-client.group.id=group-id

# SASL/SCRAM configuration

mp.messaging.incoming.onboarding-client.sasl.mechanism=SCRAM-SHA-256

mp.messaging.incoming.onboarding-client.security.protocol=SASL\_SSL

mp.messaging.incoming.onboarding-client.sasl.jaas.config=org.apache.kafka.common.security.scram.ScramLoginModule required \

username="dG91Z2gtc2F3Zmx5LTc1MDAkFt5E0mUZeJMvsjCf82upYrqS7nf5GHr9rxPatZk" \

password="YzNjY2EzMWMtMzlhNC00MjU2LTliMzMtMTc2YTgyMDI0NTcy";

# Specify Kafka bootstrap servers

mp.messaging.incoming.onboarding-client.bootstrap.servers=tough-sawfly-7500-us1-kafka.upstash.io:9092

- Handling process instances after receiving to a message

As the project has an incoming channel named onboading-client that is listening to the topic onboarding-client, it is possible to go through a bpmn and set the process up to start after listening a message posted to the topic described.