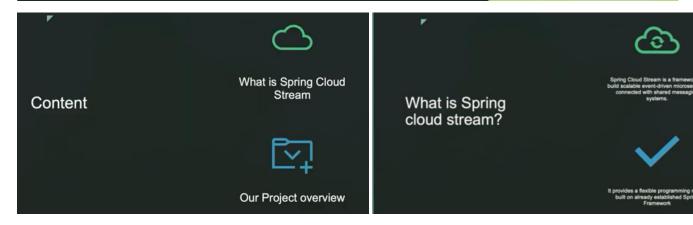
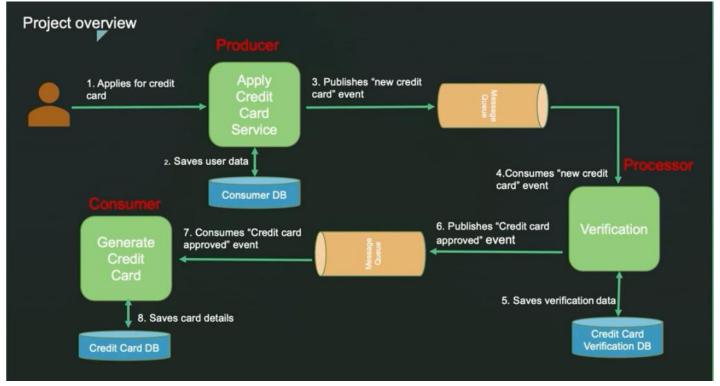
fromdevelopertodeveloper

Spring Cloud Stream





What we need



RabbitMQ

MySql

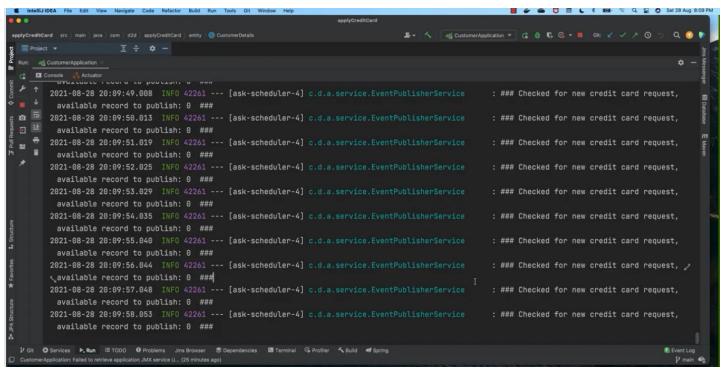
We shall use Docker image for Mysql and Rabbitmq. If you already have docker installed in your computer, you can run "RabbitMQ" and "MySql" using the command:

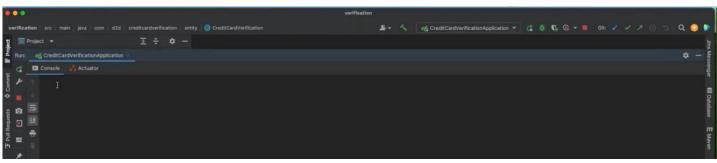
docker run -d --hostname rabbitmq --name rabbitmq -p 15672:15672 -p 5672:5672 rabbitmq:3.9.1-management

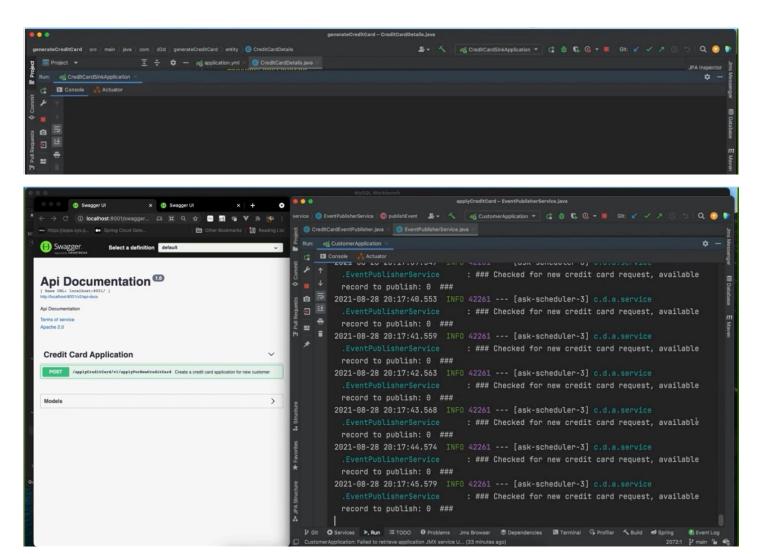
docker run --name mysql8 -p 3306:3306 -e MYSQL_ROOT_PASSWORD=root -e MYSQL_DATABASE=testdb -e MYSQL_USER=admin -e MYSQL_PASSWORD=root -d mysql

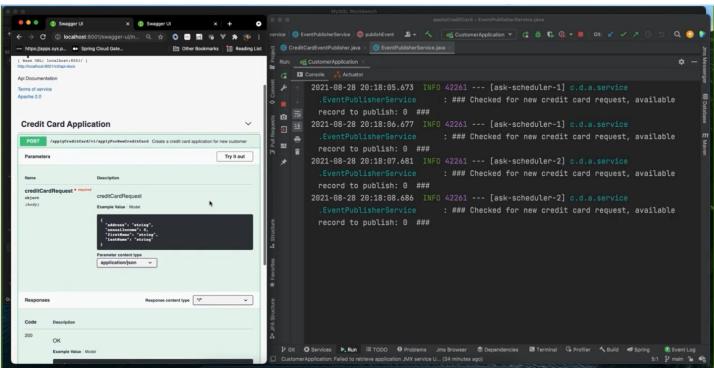
Alternatively , you can also download and install from the below link. Incase you face any issue please share with us in comment section.

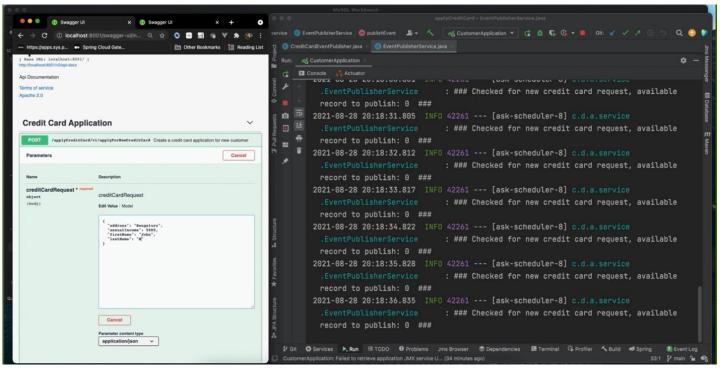
Link: https://lostechies.com/derekgreer/2012/03/05/rabbitmg-for-windows-introduction/, https://www.rabbitmg.com/install-homebrew.html https://dev.mysgl.com/doc/refman/8.0/en/windows-installation.html, https://flaviocopes.com/mysgl-how-to-

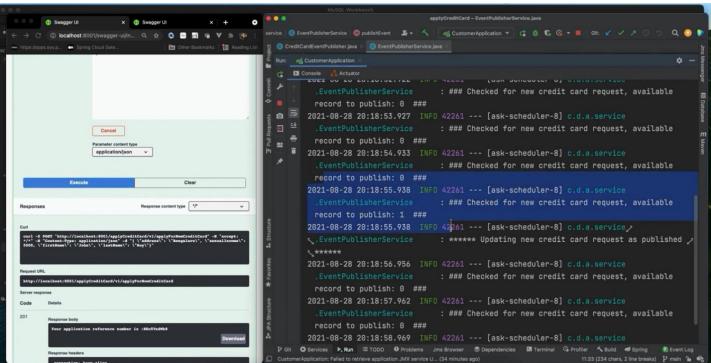


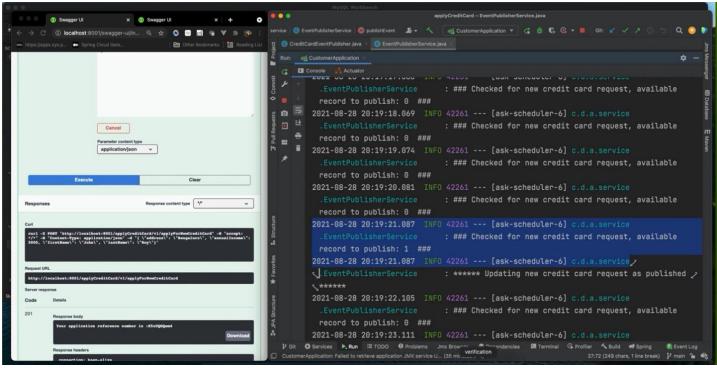


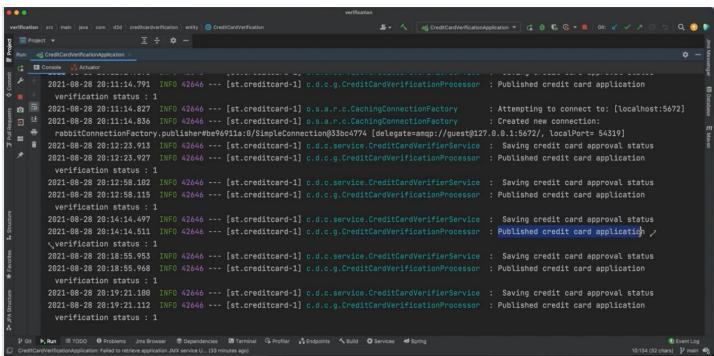


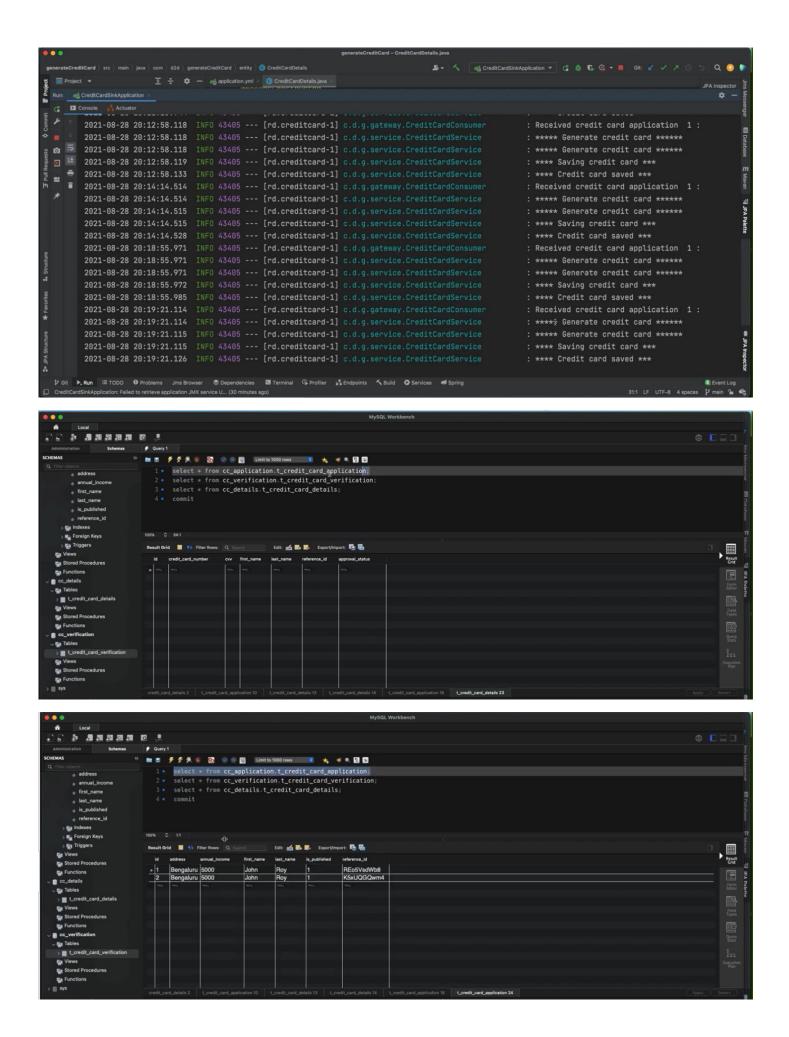


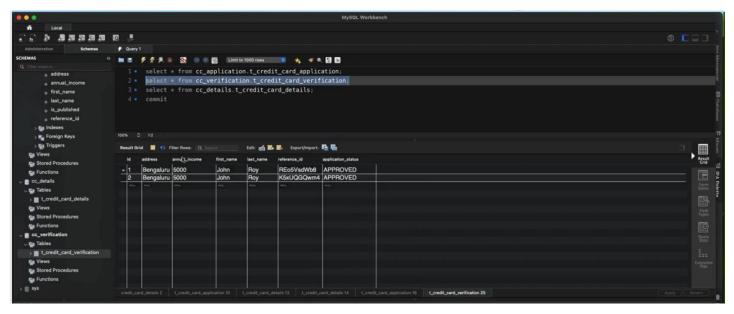


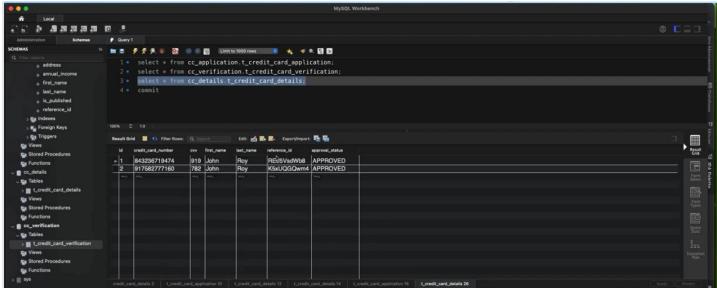


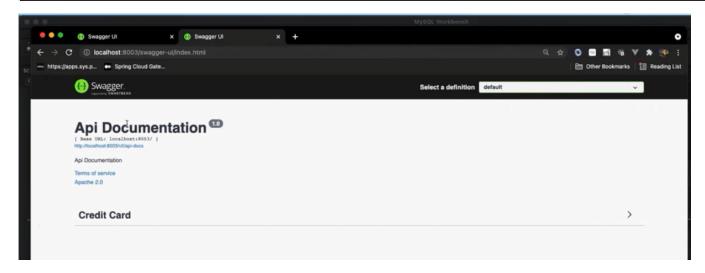


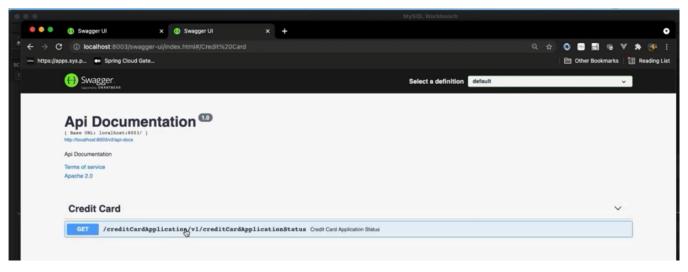


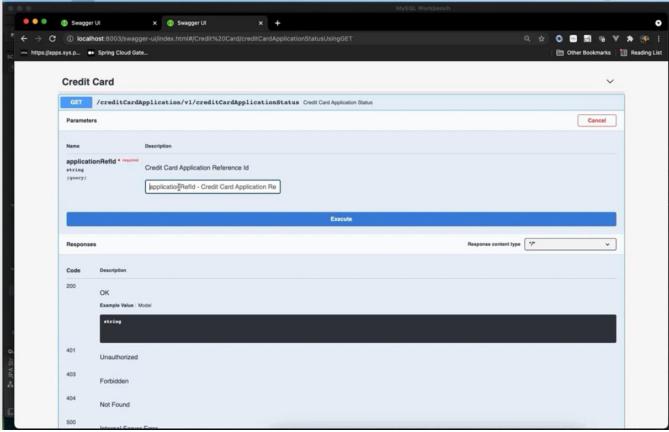


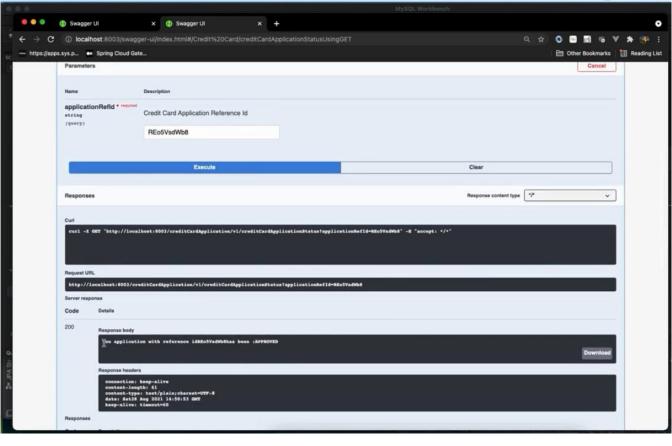




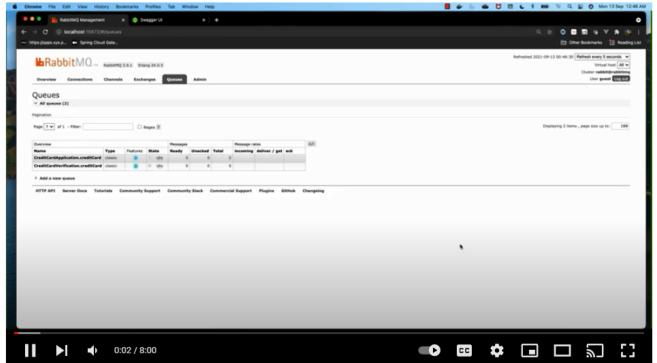












Spring Cloud Stream Ep 07:- How to handle exception in Spring Cloud Stream using Dead Letter Queue



```
Sample Data:
 "event": "VERIFY_Credit_Card",
 "creditCardVerificationStatus": [
    "firstName": "John",
    "lastName": "Roy",
    "annualIncome": 9999,
    "address": "Bang",
    "refld": "OphNsblPHB",
    "status": "APPROVED"
  }
 ]
    ← → C ③ localhost:15672/#/queues/%2F/CreditCardVerification.creditCard
                                                                                                                                                                                    Q * 0 🗖 🕅 16 V 🖈 🐲
    - https://apps.sys.p. - Spring Cloud Gate...
                                                                                                                                                                                           Dther Bookmarks
                                                                                                                                                                            Refreshed 2021-09-13 00:48:46 Refresh every 5 seconds v

Virtual host All v

Cluster rabbitterabbitten

User guest Log out
         ■RabbitMQ M RabbitMQ 3.9.1 Erlang 24.0.5
         Overview Connections Channels Exchanges Queues Admin
                                                 Total 0
        0.0 00:48:00 00:48:10 00:48:20 00:48:30 00:48:40
                                                                 State | idle

Consumers 1

Consumer capacity ? 100%

→ Publish message

         Message will be published to the default exchange with routing key CreditCardVerification.creditCard, routing it to this queue.
         Delivery mode: 1 - Non-persistent ✓
           Headers: 7
                                                                 String 🕶
             Payload:

    RabbitMQ Management × 
    Swagger UI
     → C ① localhost:15672/#/q
                                                                                                                                                                                   Q * 0 🖾 🛣 % V * 🐲 :
                                                                                                                                                                                          Other Bookmarks 🔠 Reading List
                                                                                                                                                                           Refreshed 2021-09-13 00:48:51 Refresh every 5 seconds Virtual host All V
       BRabbitMO™ RabbitMQ 3.9.1 Erlang 24.0.5
                                                                                                                                                                                                   Cluster rabbit@n
        Overview Connections Channels Exchanges Queues Admin
                                                                                                                                                                                                     User guest Log out
      Message rates last minute ?
```

