

FileEditSelectionViewGoRunTerminalHelp

streaming-03-rabbitmq

EXPLORER

STREAMING-03-RABBIT...
 > .env
 > images
 > myenv
 > .gitignore
 > aboutenv.txt
 > aboutrabbit.txt
 > emit_send.py
 > listen_receive.py
 > README.md
 > requirements.txt
 > screenshot.png
 > util_about.py
 > util_aboutenv.py
 > util_aboutrabbit.py
 > util_logger.py
 > v1_emit_message.py
 > v1_listen_for_messages.py
 > v2_emit_message.py
 > v2_listen_for_messages.py

v1_emit_message.py

```
1  """
2  This program sends a message to a queue on the RabbitMQ server.
3
4  """
5
6  # add imports at the beginning of the file
7  import pika
8
9  # create a blocking connection to the RabbitMQ server
10 conn = pika.BlockingConnection(pika.ConnectionParameters("LOCALHOST"))
11
12 # use the connection to create a communication channel
13 ch = conn.channel()
14
15 # use the channel to declare a queue
16 ch.queue_declare(queue="hello")
17
18 # use the channel to publish a message to the queue
19 ch.basic_publish(exchange="", routing_key="hello", body="Hello Dr. Case, it's Nic!")
20
21 # print a message to the console for the user
22 print(" [x] Sent 'Message to Dr. Case Sent!'")
23
24 # close the connection to the server
25 conn.close()
26
```

Python: v1_emit_message

- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_emit_message.py"
- [x] Sent 'Message to Dr. Case Sent!'
- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_emit_message.py"
- [x] Sent 'Message 2 Sent!'
- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_emit_message.py"
- [x] Sent 'Message 3 Sent!'
- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_emit_message.py"
- [x] Sent 'Message 4 Sent!'
- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_emit_message.py"
- [x] Sent 'Message 4 Sent!'
- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> []

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
[x] Sent 'Hello World!'
```

- PS C:\Users\Wic\Documents\Streaming Data\streaming-03-rabbitmq> & "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/.venv/Scripts/python.exe" "c:/Users/Wic/Documents/Streaming Data/streaming-03-rabbitmq/v1_listen_for_messages.py"
- [*] Waiting for messages. To exit press CTRL+C
- [x] Received 'Hello World!'
- [x] Received 'Hello World!'
- [x] Received 'Hello World!'
- [x] Received 'Hello World!'
- [x] Received 'Hello World!'
- [x] Received 'Hello World!'
- [x] Received "Hello Dr. Case, it's Nic!"
- [x] Received "Hello Dr. Case, it's Nic!"
- [x] Received "Hello Dr. Case, it's Nic!"
- [x] Received "2-Hello Dr. Case, it's Nic!"
- [x] Received "3-Hello Dr. Case, it's Nic!"
- [x] Received "3-Hello Dr. Case, it's Nic!"
- [x] Received "4-Hello Dr. Case, it's Nic!"

Ln 19, Col 58 Spaces: 4 UTF-8 CRLF Python 3.11.4 (.venv: .venv)

72°F Sunny

12:54 PM 5/16/2024