

Rabbit-MQ

```
Microsoft Windows [Version 10.0.22631.3593]
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C:\Windows\System32>docker pull rabbitmq:3-management
3-management: Pulling from library/rabbitmq
Digest: sha256:eee9afbc17c32424ba6309dfd2d9efc9b9b1863ffe231b3d2be2815758b0d649
Status: Image is up to date for rabbitmq:3-management
docker.io/library/rabbitmq:3-management
```

Refreshed 2024-05-25 16:17:03

Refresh every 5 seconds

Virtual host

All

Cluster

rabbit@7c92fe9ce408

User

guest

Log out

Overview

Connections

Channels

Exchanges

Queues and Streams

Admin

Overview

Totals

Queued messages

last minute

?

Currently idle

Message rates

last minute

?

Currently idle

Global counts

?

Connections: 0

Channels: 0

Exchanges: 7

Queues: 0

Consumers: 0

Containers

Give feedback

Container CPU usage

0.70% / 800% (8 CPUs available)

Container memory usage

277.2MB / 3.63GB

Show charts

Search

Only show running containers

| | Name | Image | Status | Port(s) | CPU (%) | Last started | Actions |
|--|--|-----------------------|---------|--|---------|----------------|-------------------------------------|
| | <div> <div>rabbitmq</div> <div>7c92fe9ce408</div> </div> | rabbitmq:3-management | Running | <div>15672:15672</div> <div>5672:5672</div> <div>Show less</div> | 0.3% | 13 minutes ago | <div></div> <div></div> <div></div> |

File Edit View

```
import pika

# Establish connection to RabbitMQ server
connection = pika.BlockingConnection(pika.ConnectionParameters('localhost'))
channel = connection.channel()

# Declare a queue named 'hello'
channel.queue_declare(queue='hello')

# Function to send message
def send_message(message):
    channel.basic_publish(exchange='', routing_key='hello', body=message)
    print(f" [x] Sent '{message}'")

# Send 10 messages
for i in range(10):
    send_message(f"Message {i} from Bob")

# Close the connection
connection.close()
```

File Edit View

```
import pika

connection = pika.BlockingConnection(pika.ConnectionParameters('localhost'))
channel = connection.channel()

channel.queue_declare(queue='hello')

def callback(ch, method, properties, body):
    print(f" [x] Received {body}")

channel.basic_consume(queue='hello', on_message_callback=callback, auto_ack=True)

print(' [*] Waiting for messages. To exit press CTRL+C')
channel.start_consuming()
|
```

Microsoft Windows [Version 10.0.22631.3447]
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```
C:\Users\NITHIN ANIL>python consumer.py
[*] Waiting for messages. To exit press CTRL+C
[x] Received b'Message 0 from Bob'
[x] Received b'Message 1 from Bob'
[x] Received b'Message 2 from Bob'
[x] Received b'Message 3 from Bob'
[x] Received b'Message 4 from Bob'
[x] Received b'Message 5 from Bob'
[x] Received b'Message 6 from Bob'
[x] Received b'Message 7 from Bob'
[x] Received b'Message 8 from Bob'
[x] Received b'Message 9 from Bob'
```

OverviewConnectionsChannelsExchangesQueues and StreamsAdmin

Queue hello

Overview

Queued messages last minute ?

Ready0

Unacked0

Total0

Message rates last minute ?

Publish0.00/s

Deliver (manual ack)0.00/s

Deliver (auto ack)0.00/s

Consumer ack0.00/s

Redelivered0.00/s

Get (manual ack)0.00/s

Get (auto ack)0.00/s

Get (empty)0.00/s

Details

Featuresqueue storage version: 1

Stateidle

Consumers1

Consumer capacity91%

Policy

Operator policy

Effective policy definition

Messages0

Message body bytes0 B

Process memory9.7 KiB

Total0

Ready0

Unacked0

In memory0

Persistent0

Transient, Paged Out0

Consumers (1)

OverviewConnectionsChannelsExchangesQueues and StreamsAdmin

Queues

All queues (1)

Pagination

Page 1 of 1 - Filter: ☐ Regex ?

Displaying 1 item, per page

Overview

Messages

Message rates

+/-

| Virtual host | Name | Type | Features | State | Ready | Unacked | Total | incoming | deliver / get | ack |
|--------------|-------|---------|----------|---------|-------|---------|-------|----------|---------------|--------|
| / | hello | classic | | running | 10 | 0 | 10 | 2.0/s | 0.00/s | 0.00/s |

Add a new queue

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