

## Payment Queue

```
iex(2)> RabbitMQ.System.setup("rabbitmq_project", [
"payments", "orders"])

11:53:29.677 [info] Exchange 'rabbitmq_project' has
been associated with the following queues:

11:53:29.678 [info] payments
11:53:29.678 [info] orders
:ok
iex(3)> RabbitMQ.Producer.send("rabbitmq_project",
"payments", "{order_id: 1, amount: 100}", 5)

11:53:42.272 [info] By 'payments' (5 times) was se
nt: {order_id: 1, amount: 100}
:ok
iex(4)> 
```

```
iex(2)> payments_1 = RabbitMQ.Consumer.start("payme
nts")
#PID<0.343.0>
#PID<0.343.0> - payments receives: {order_id: 1, am
ount: 100}
#PID<0.343.0> - payments receives: {order_id: 1, am
ount: 100}
#PID<0.343.0> - payments receives: {order_id: 1, am
ount: 100}
#PID<0.343.0> - payments receives: {order_id: 1, am
ount: 100}
#PID<0.343.0> - payments receives: {order_id: 1, am
ount: 100}
iex(3)> 
```

## Order Queue

```
iex(5)> RabbitMQ.Producer.send("rabbitmq_project",
"orders", "{order_id: 1, items: [{3, 1}, {2, 2}]]",
5)

11:55:56.706 [info] By 'orders' (5 times) was sent
: {order_id: 1, items: [{3, 1}, {2, 2}]]
:ok
iex(6)> 
```

```
iex(4)> orders_1 = RabbitMQ.Consumer.start("orders"
)
#PID<0.360.0>
#PID<0.360.0> - orders receives: {order_id: 1, item
s: [{3, 1}, {2, 2}]]
#PID<0.360.0> - orders receives: {order_id: 1, item
s: [{3, 1}, {2, 2}]]
#PID<0.360.0> - orders receives: {order_id: 1, item
s: [{3, 1}, {2, 2}]]
#PID<0.360.0> - orders receives: {order_id: 1, item
s: [{3, 1}, {2, 2}]]
#PID<0.360.0> - orders receives: {order_id: 1, item
s: [{3, 1}, {2, 2}]]
iex(5)> 
```

## Stopping queues

```
iex(6)> RabbitMQ.Consumer.stop(payments_1)
{:stop}
iex(7)> RabbitMQ.Consumer.stop(orders_1)
{:stop}
iex(8)> 
```