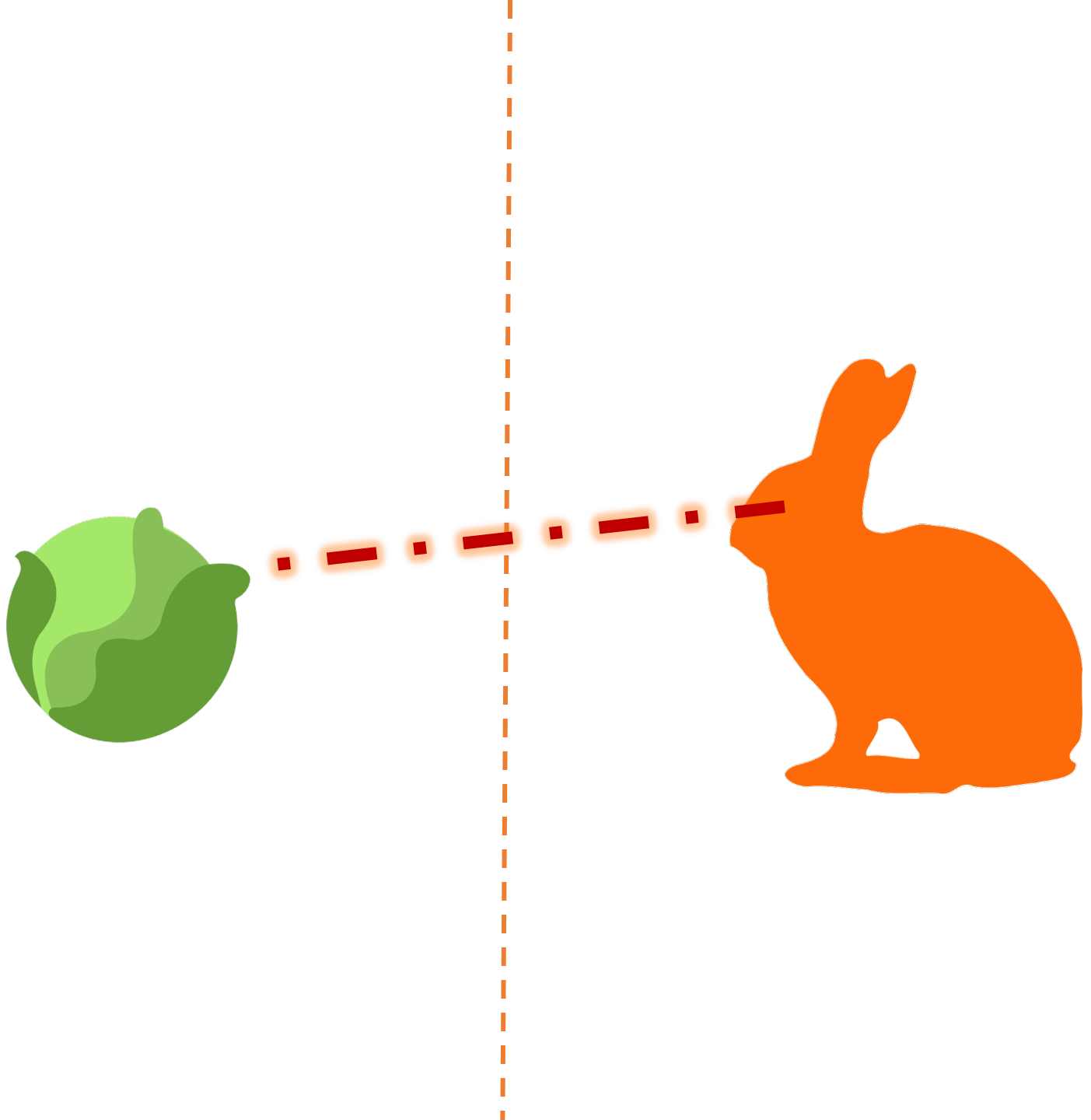
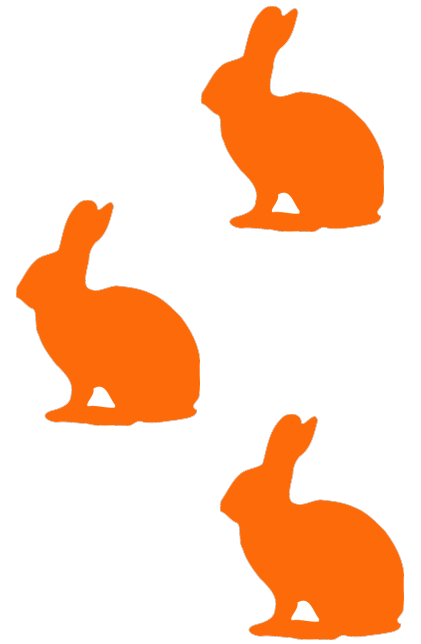
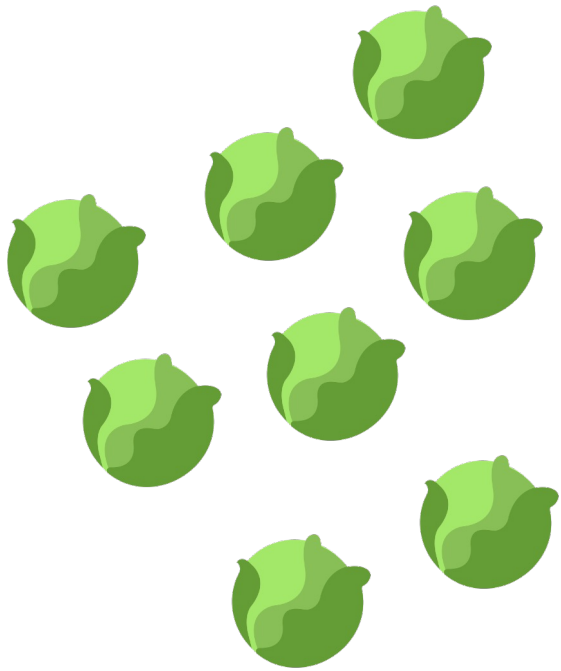


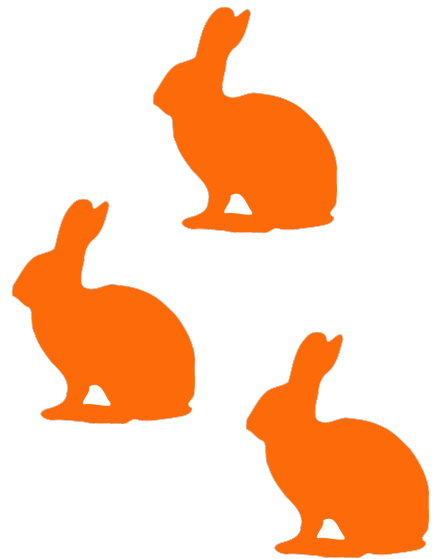
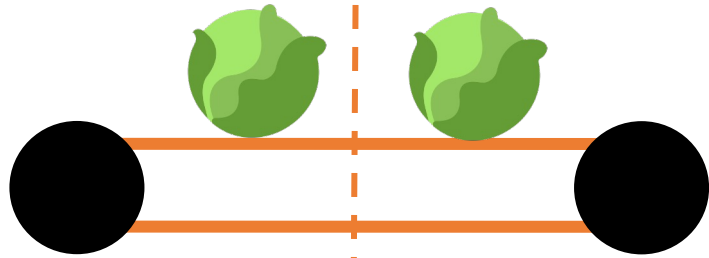
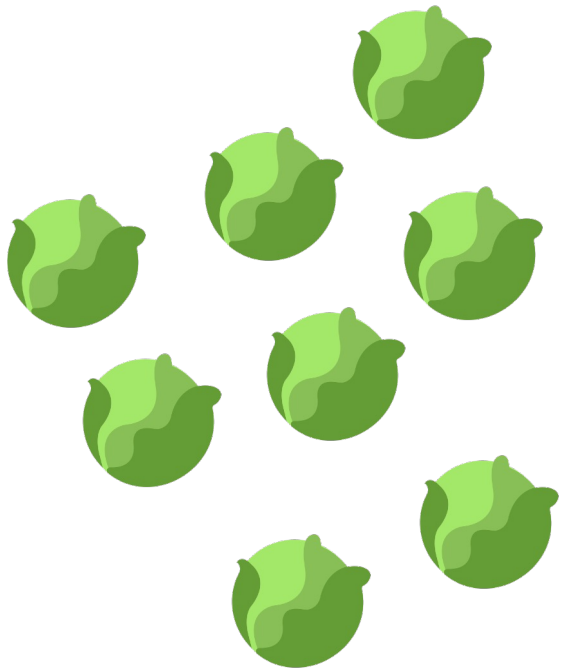


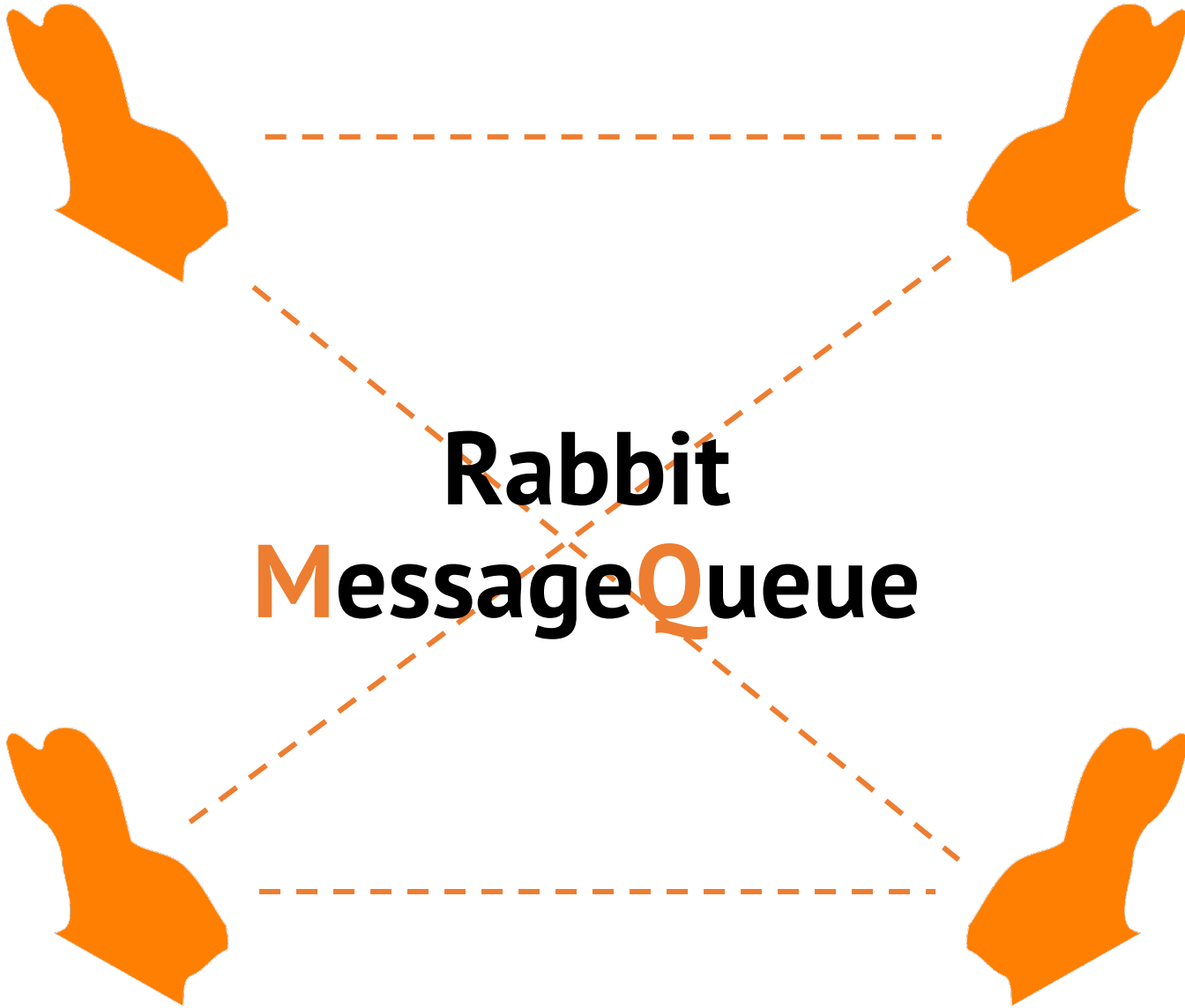
**Let my rabbits carry
your messages**











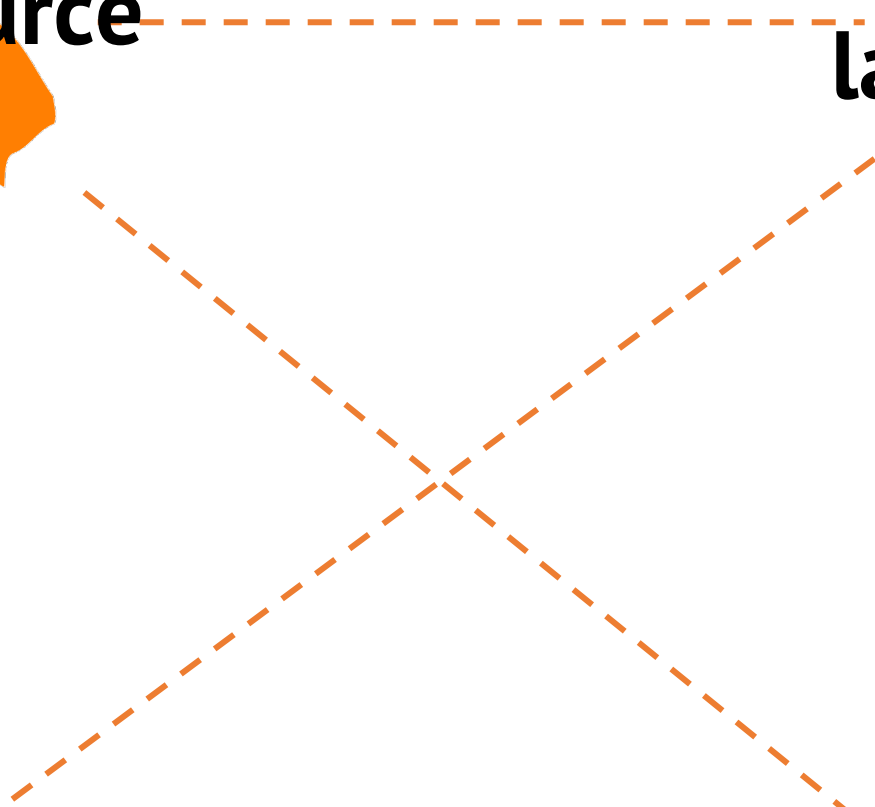
Rabbit
MessageQueue

opensource

**cross-
language**

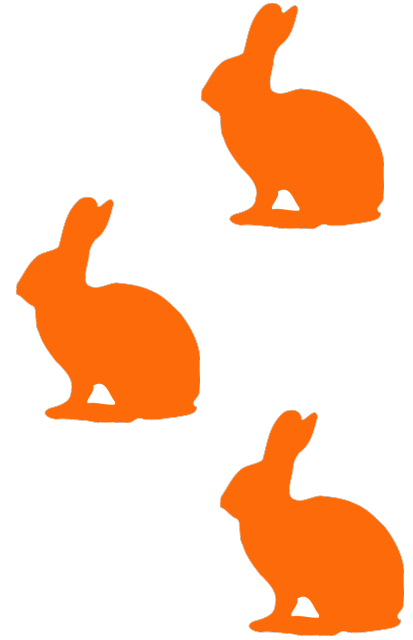
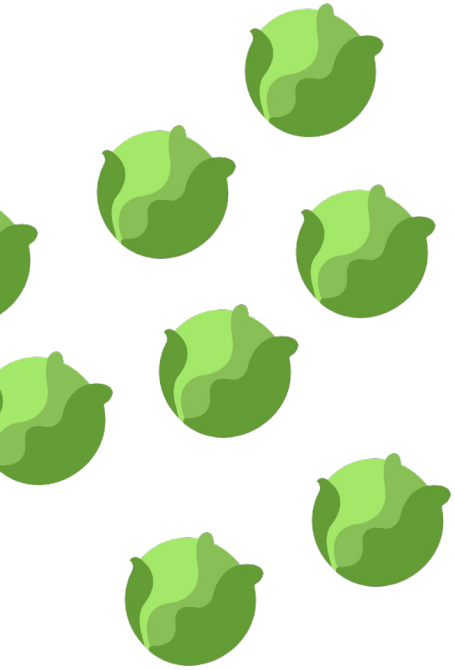
scalable

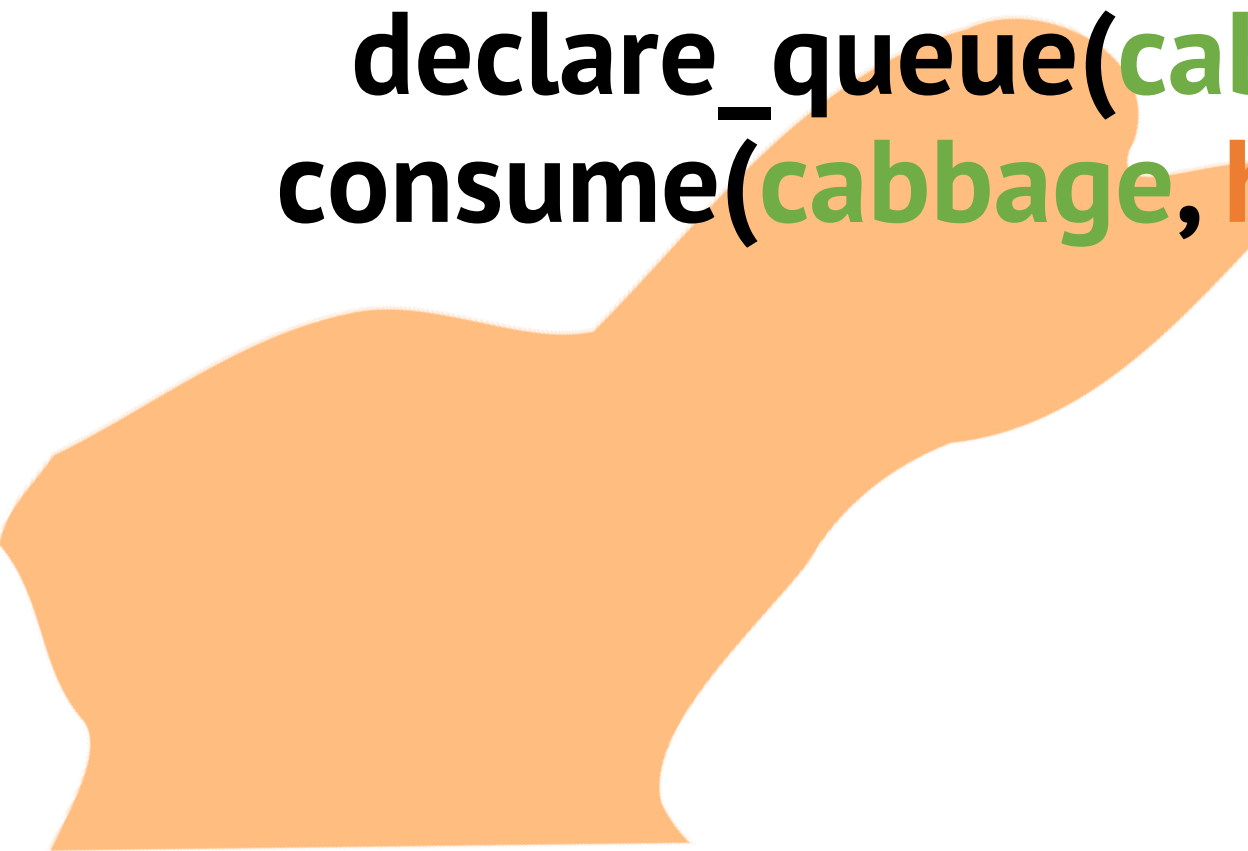
smart





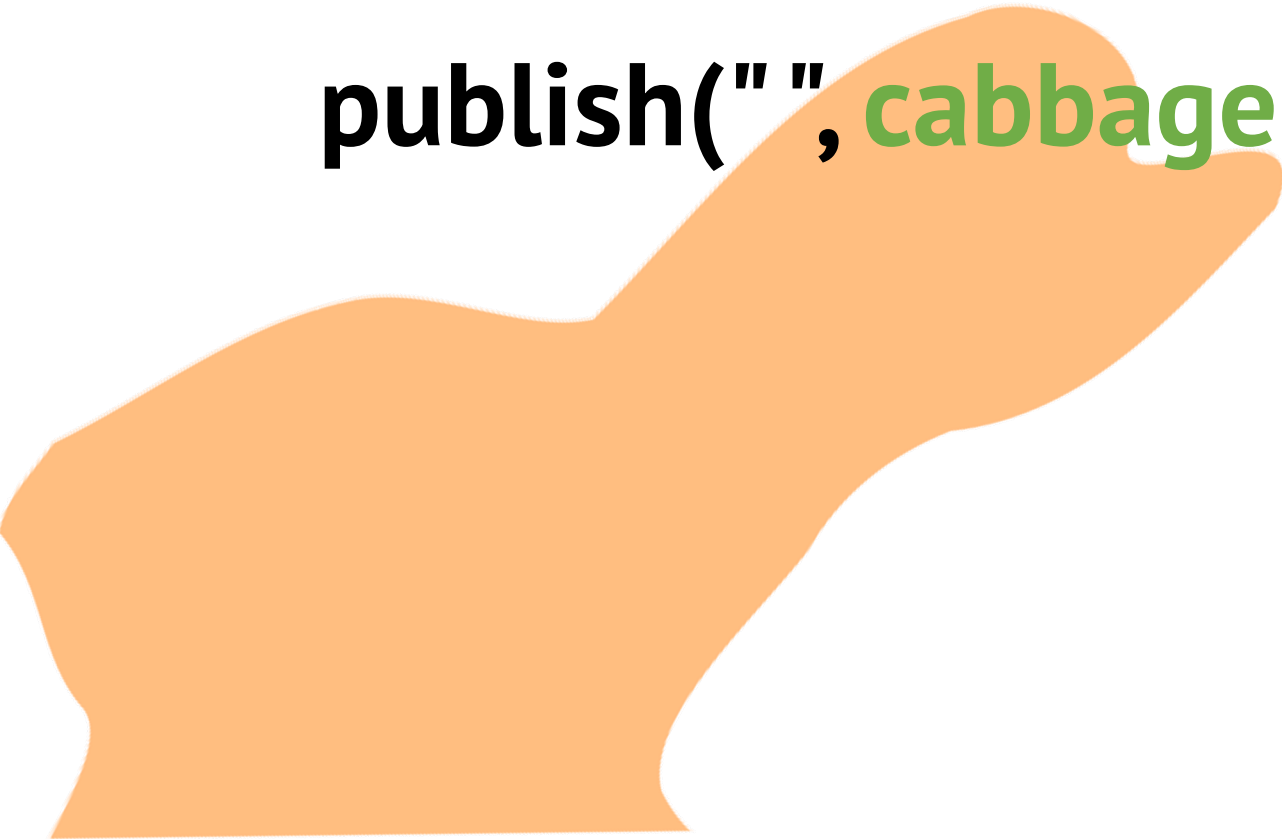
**distributed systems
backbone**





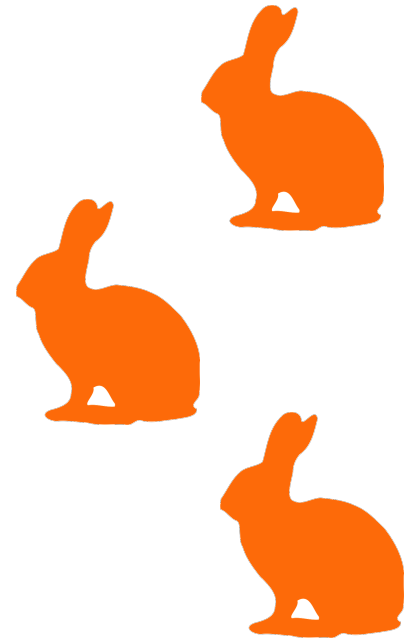
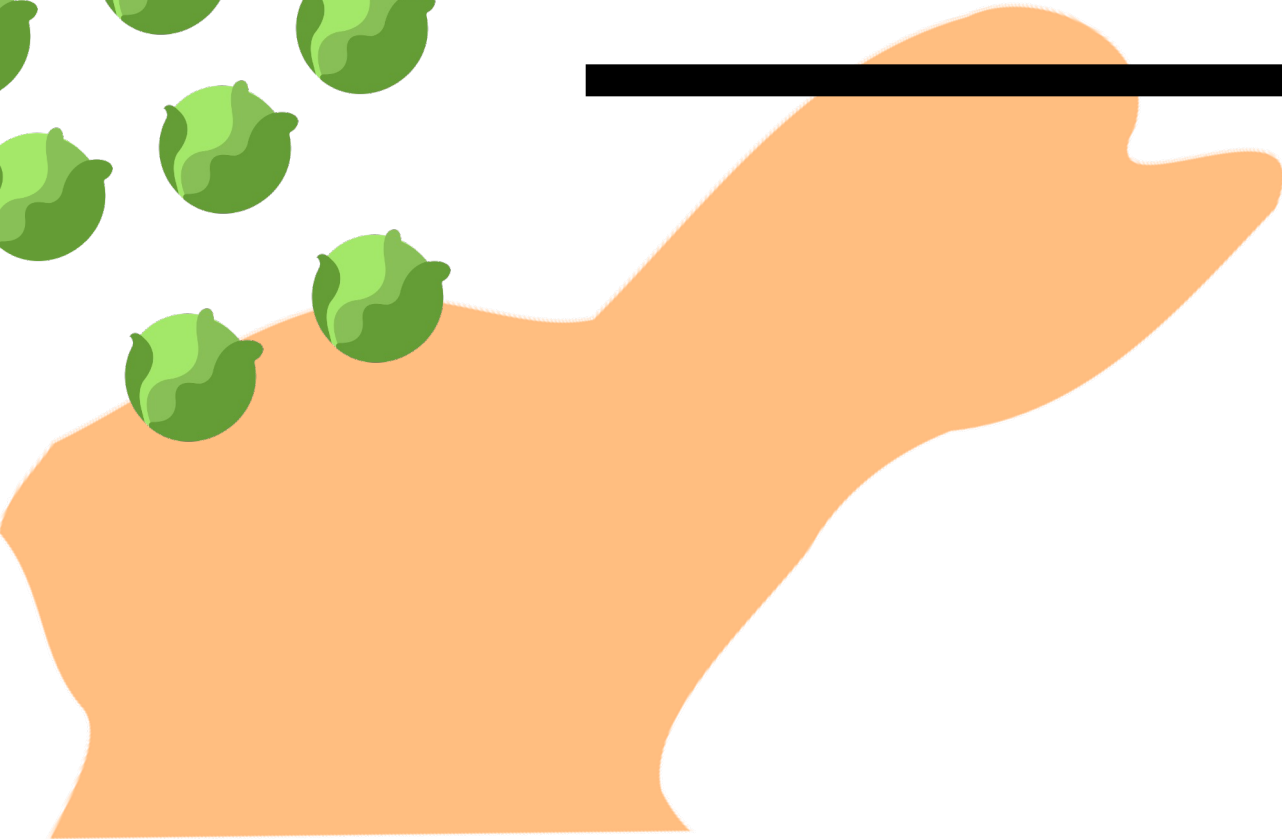
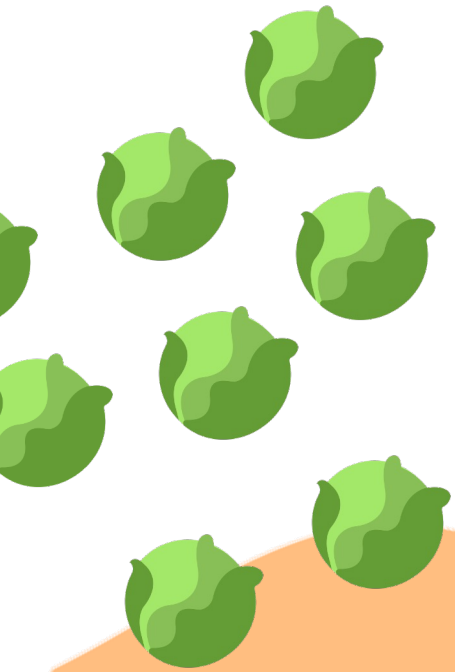
```
declare_queue(cabbage)  
consume(cabbage, handler)
```

publish("", cabbage, 🌱)



An abstract, organic shape in a vibrant orange color, resembling a splash or a stylized cloud. It is positioned in the lower-left to middle-right area of the frame. The shape has a jagged, irregular border and a smooth, solid interior. The text 'workload distribution' is centered within the lower-left portion of this shape.

**workload
distribution**



consume(cabbage, handler1)



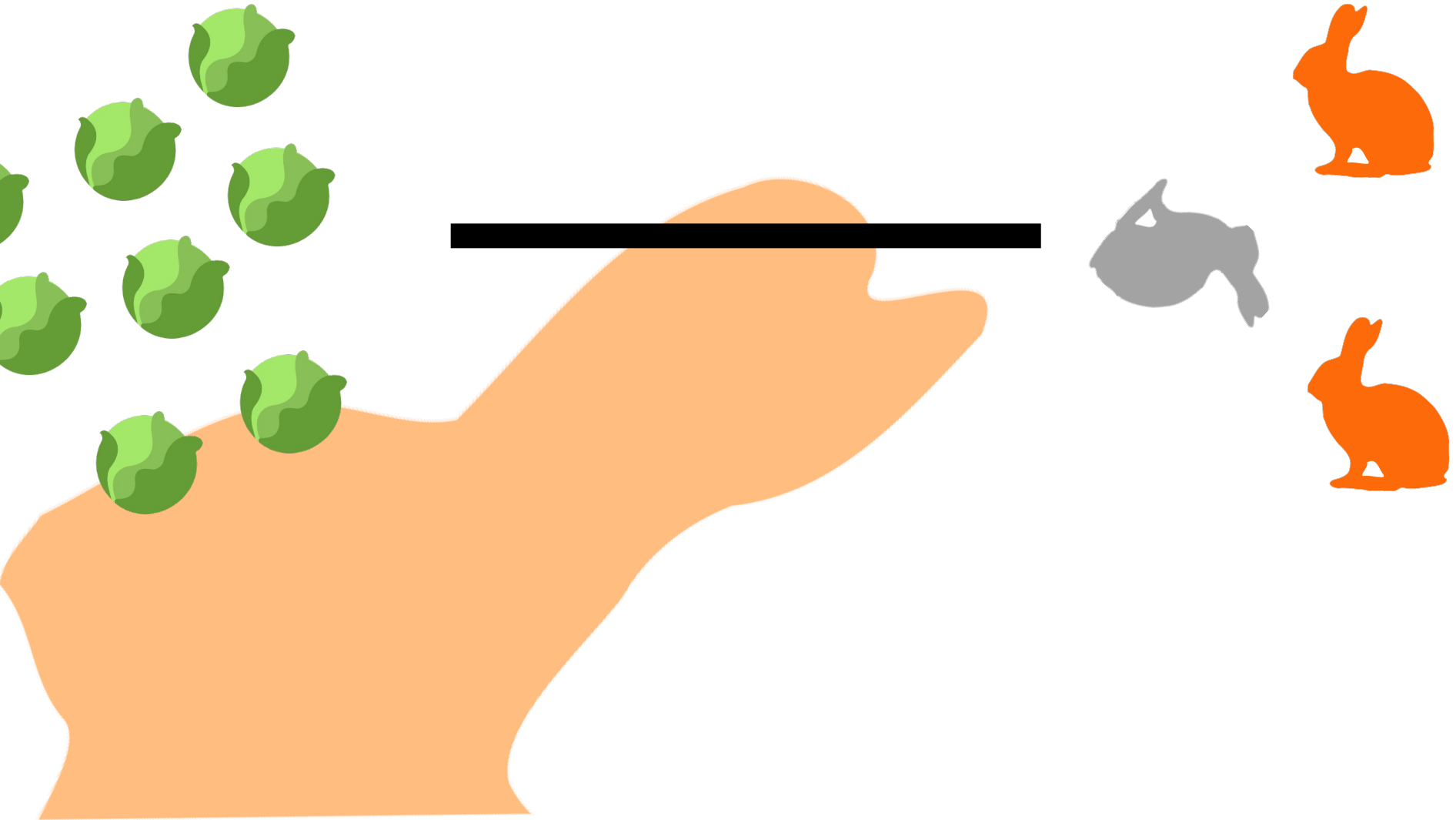
consume(cabbage, handler2)

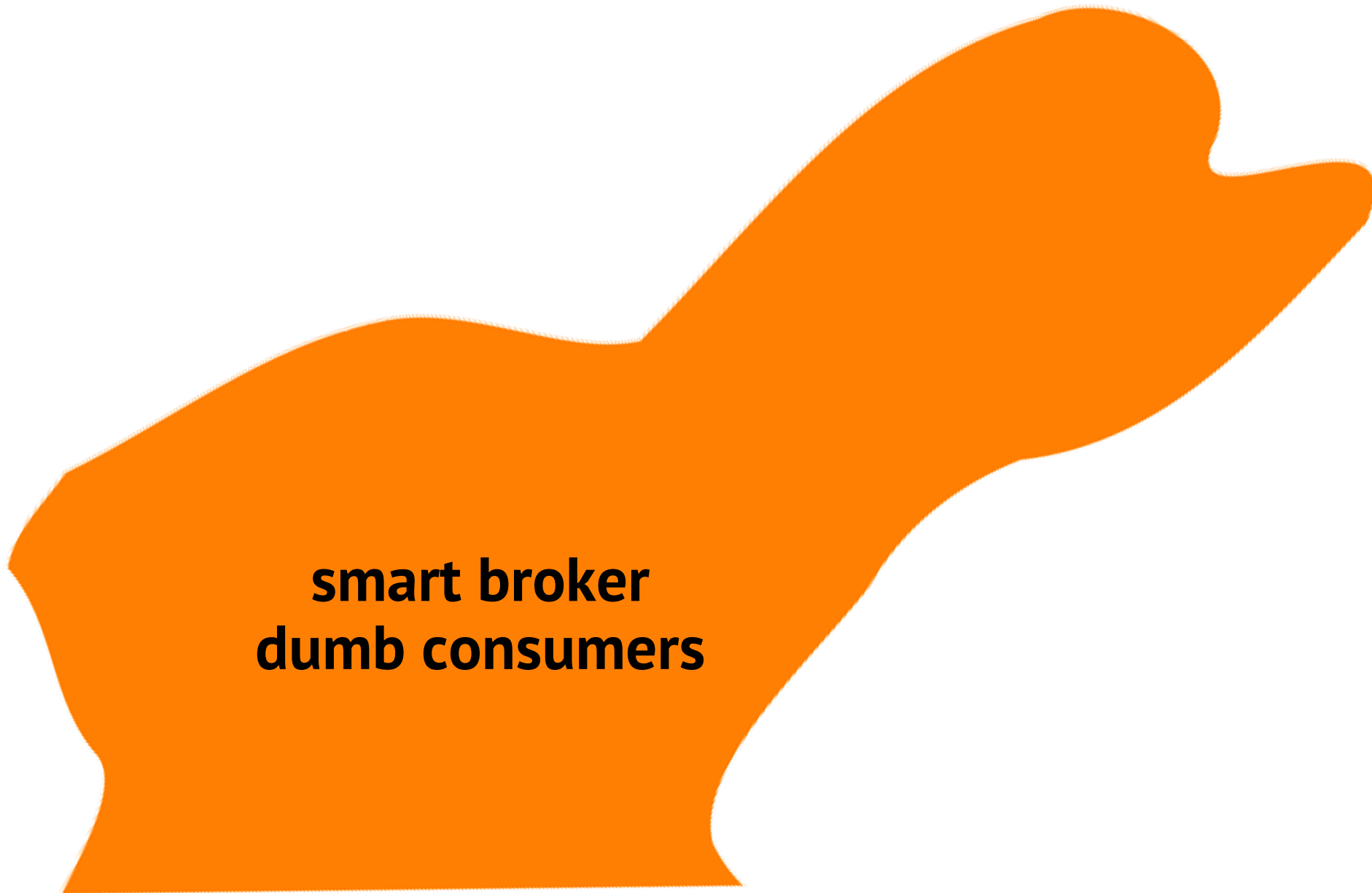


consume(cabbage, handler3)

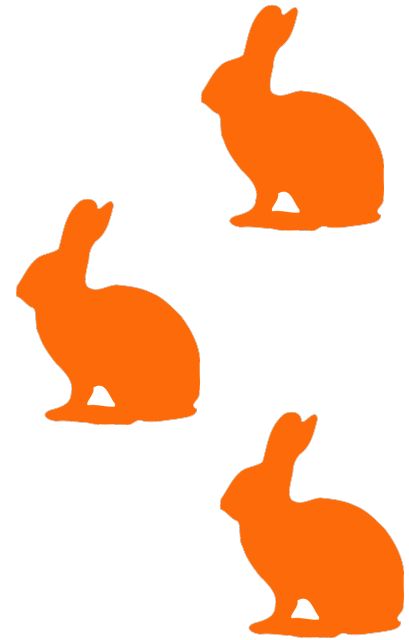
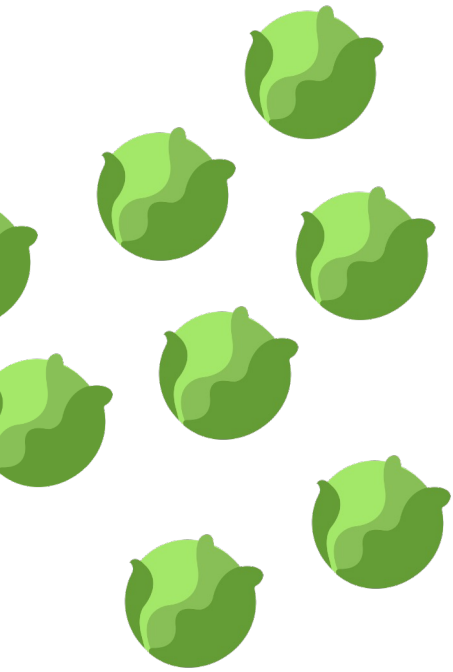


Resilience





**smart broker
dumb consumers**



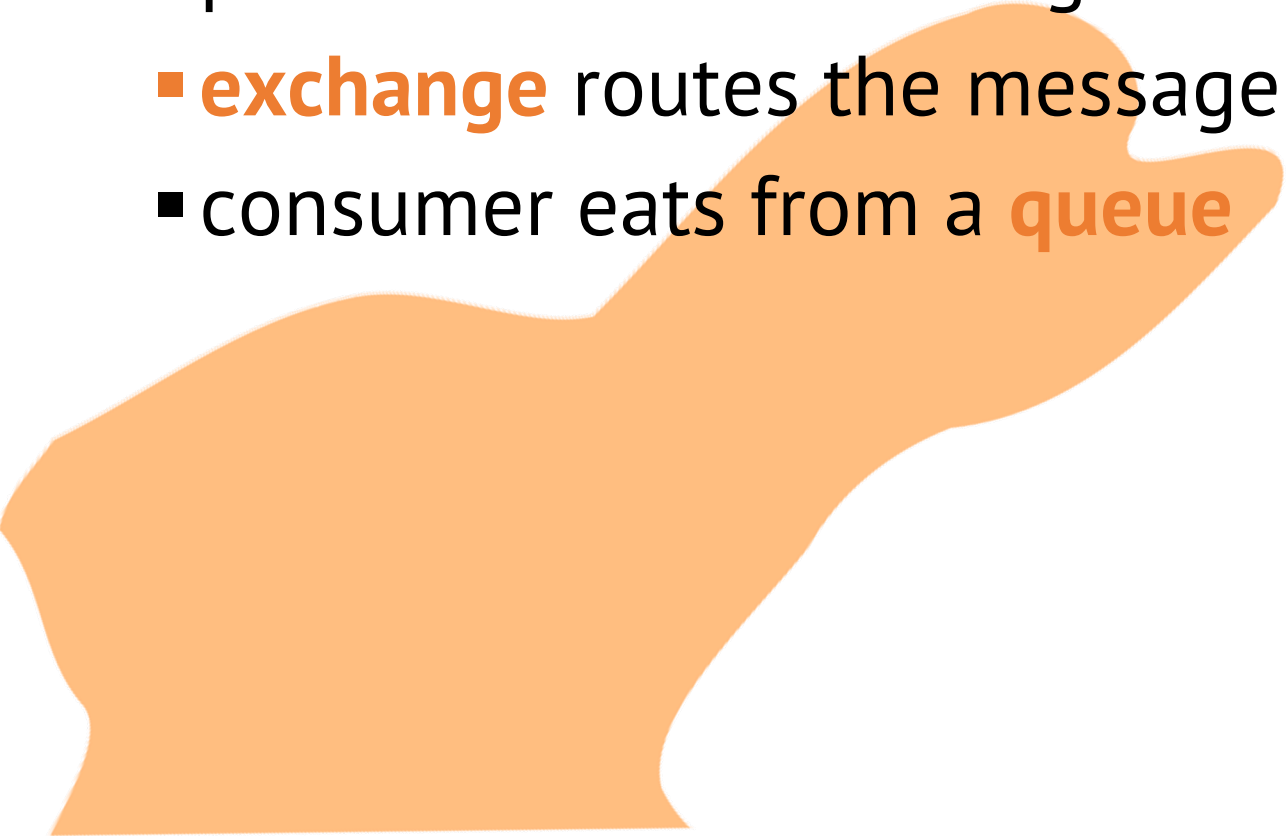
Exchange

Queue

B I N D I N G



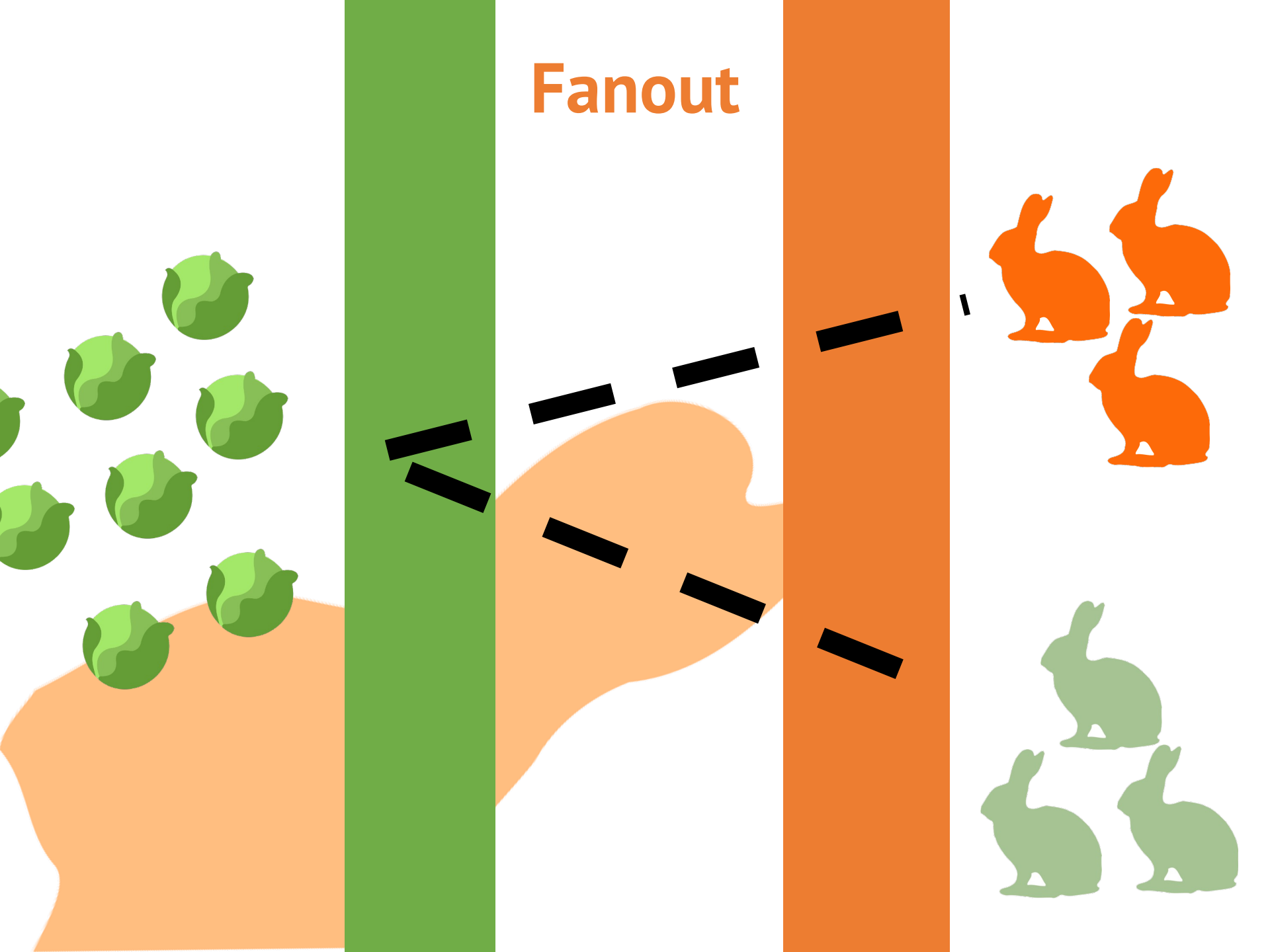
Producer → Exchange → Queue → Consumer

- producer casts a message to an **exchange**
 - **exchange** routes the message to **queues**
 - consumer eats from a **queue**
- 

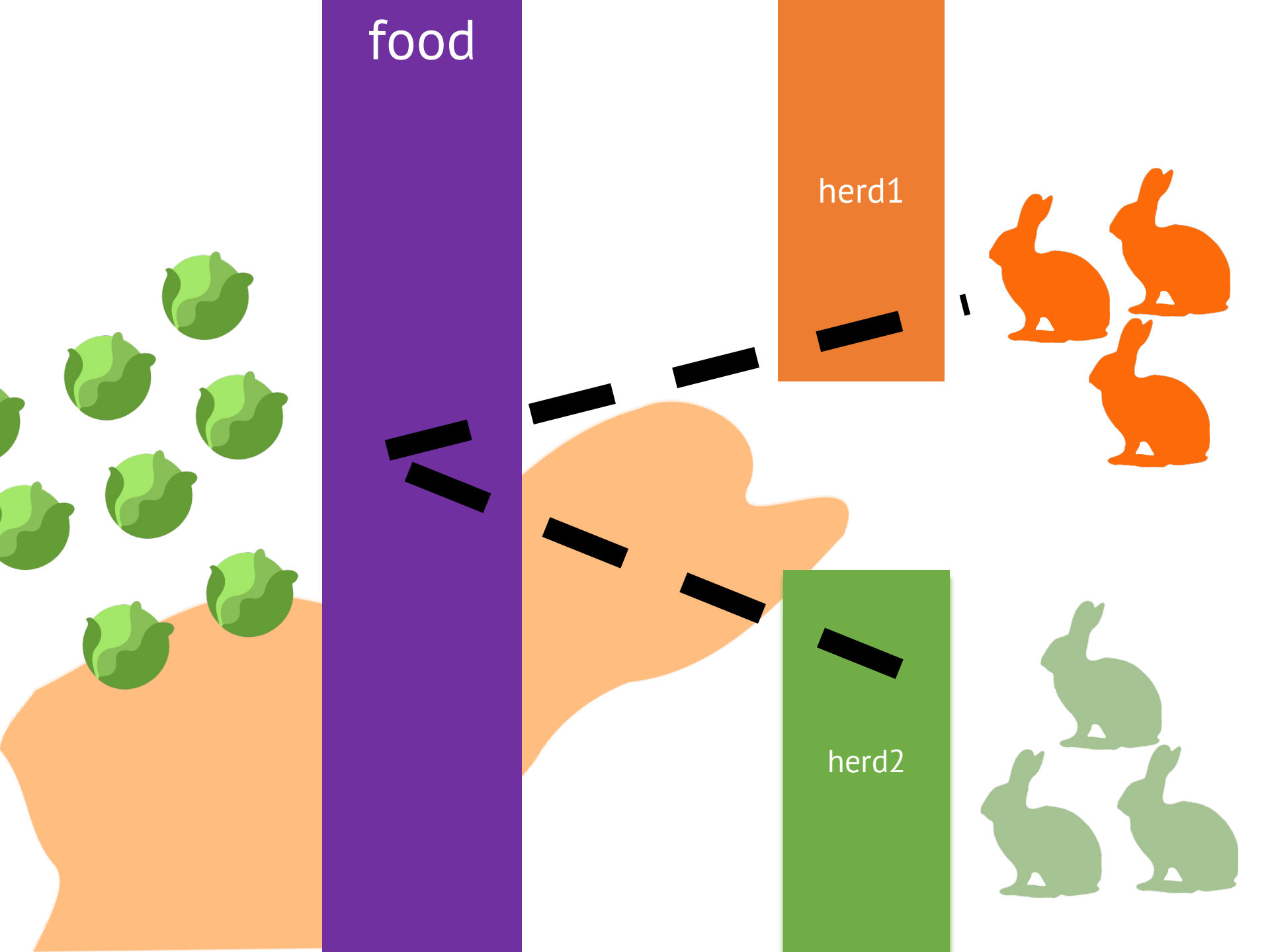
A large, solid orange abstract shape that resembles a stylized animal head or a splash, pointing towards the right. It has a thick, irregular outline and a smooth, solid orange fill.

broadcasts

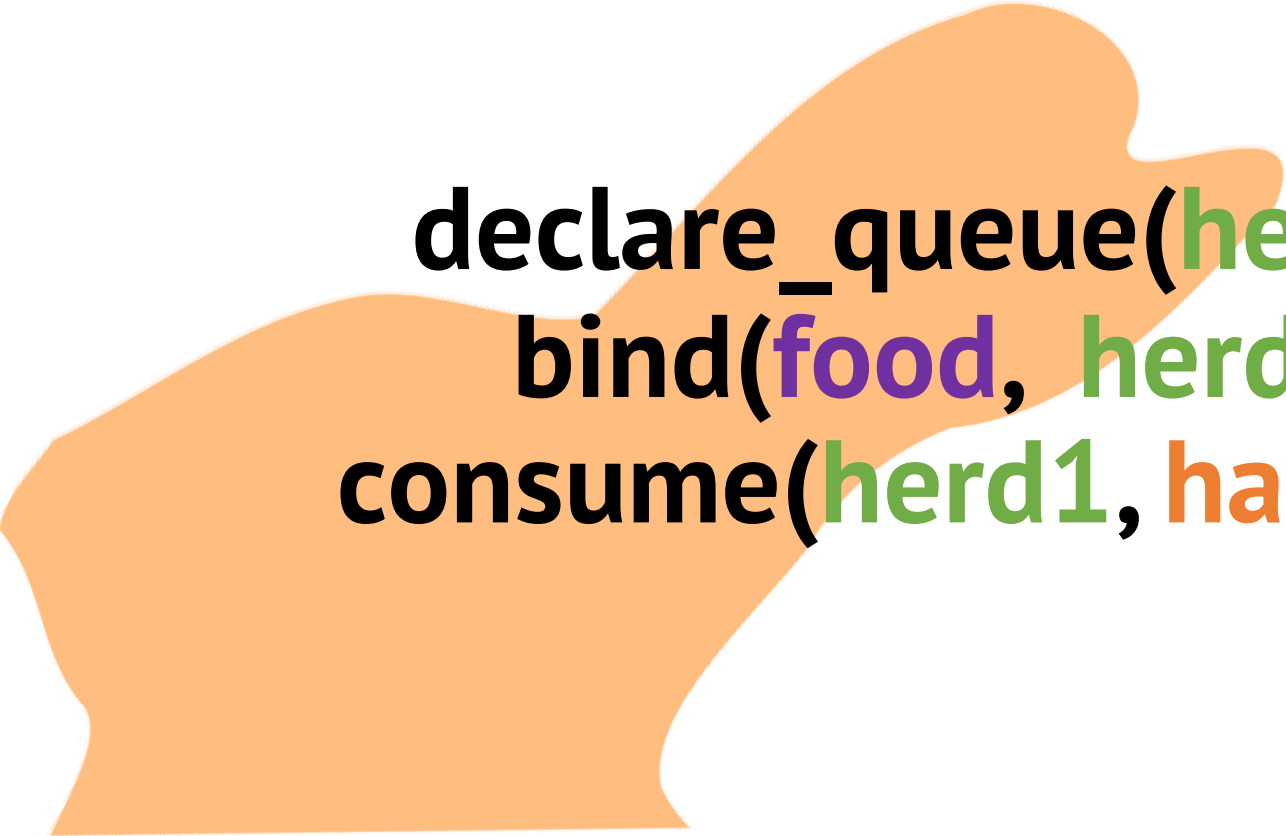
Fanout



food



declare_exchange(food, fanout)

A large, stylized orange hand graphic is positioned behind the second code block, appearing to hold or present the code.

```
declare_queue(herd1)  
bind(food, herd1)  
consume(herd1, handler)
```

`publish(food, "", 🌍)`



A large, solid orange abstract shape that resembles a stylized, irregular blob or a splash of paint. It has a wavy, organic edge and is positioned in the lower half of the frame, extending from the left side towards the right. The shape is filled with a uniform orange color and has no internal details or textures.

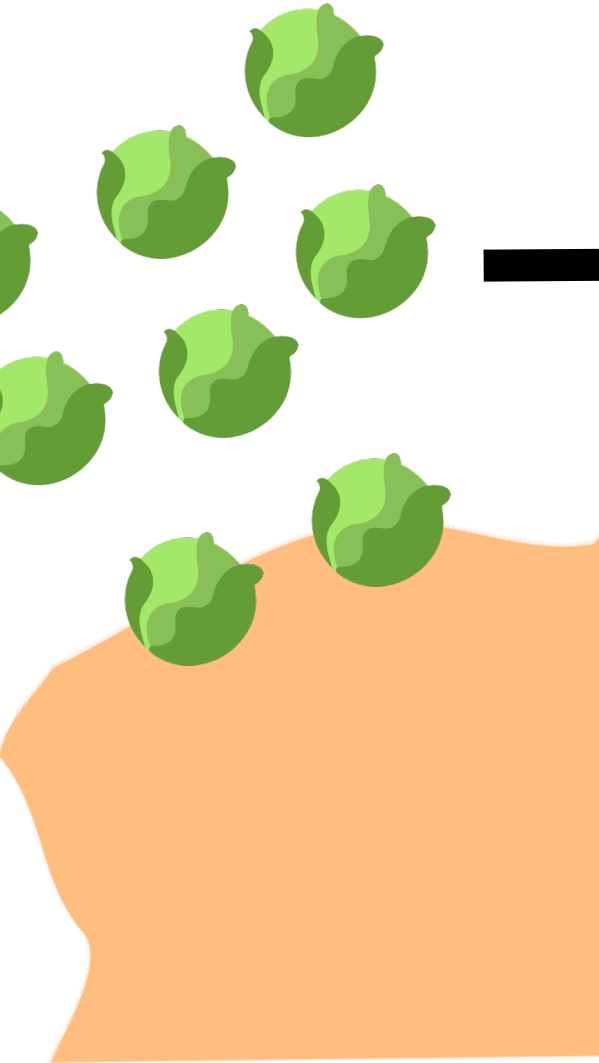
**complex
routing**

Message

- header
- payload
- routing key



food exchange



#food
#green
#cabbage

food exchange

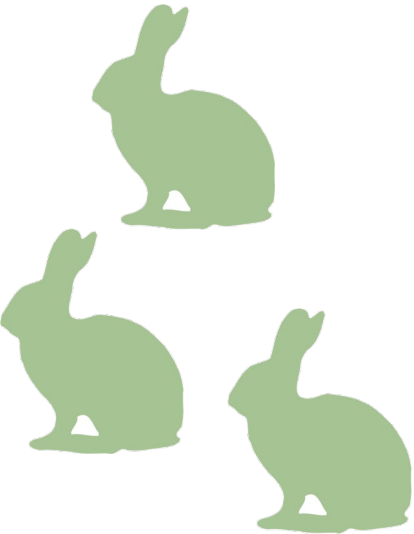
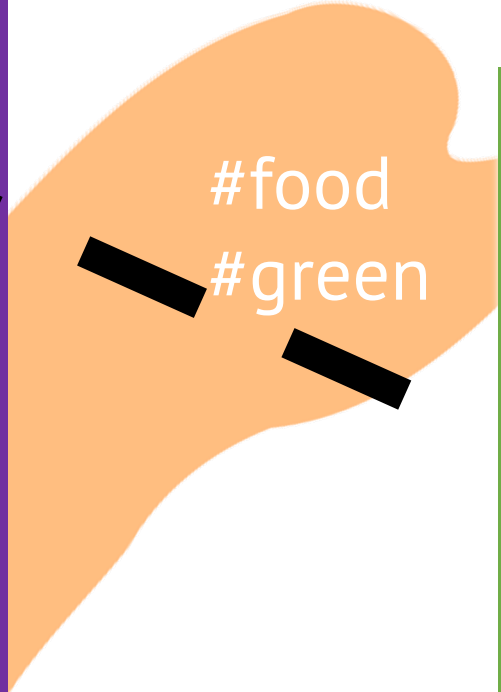
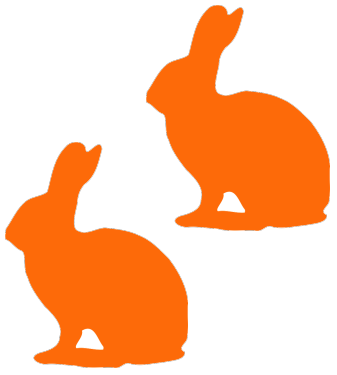


#food
#green
#cabbage



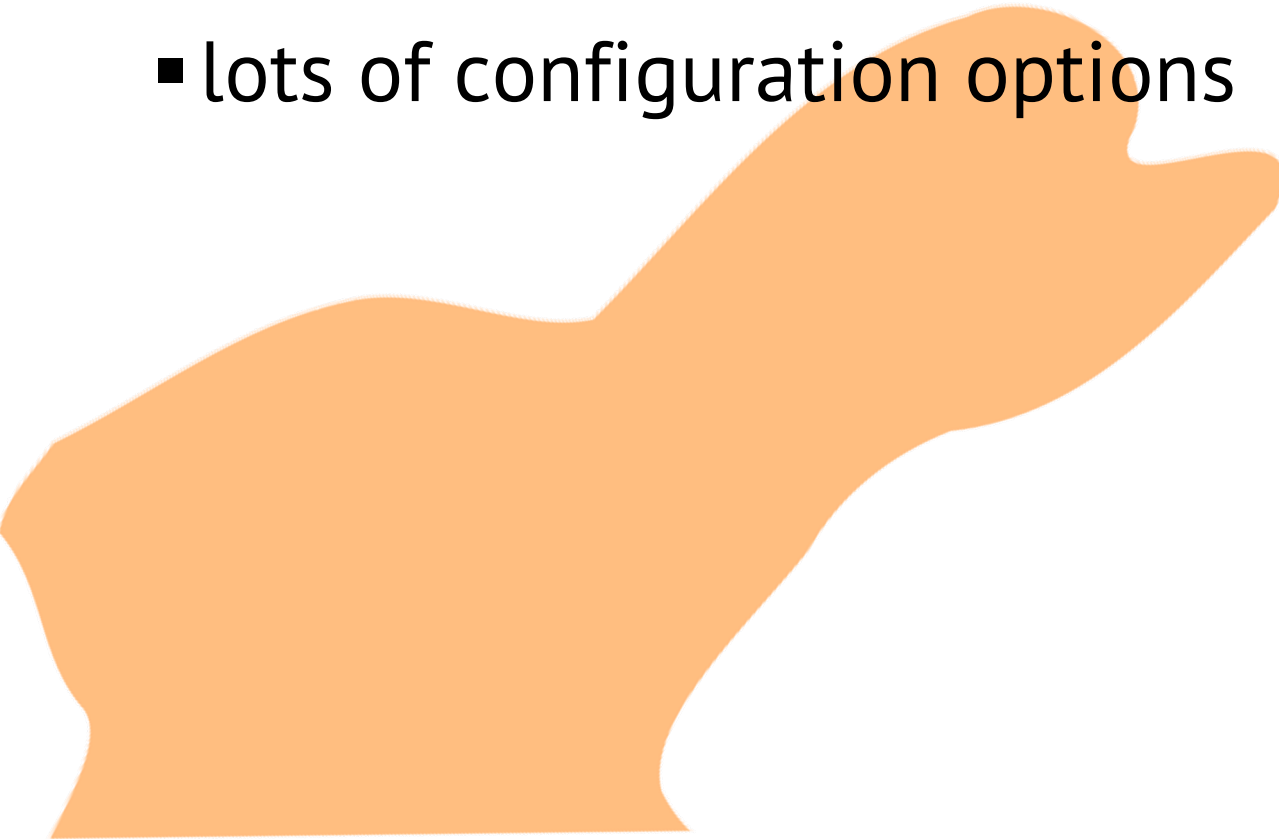
#food

#food
#green



Really complex scenarios

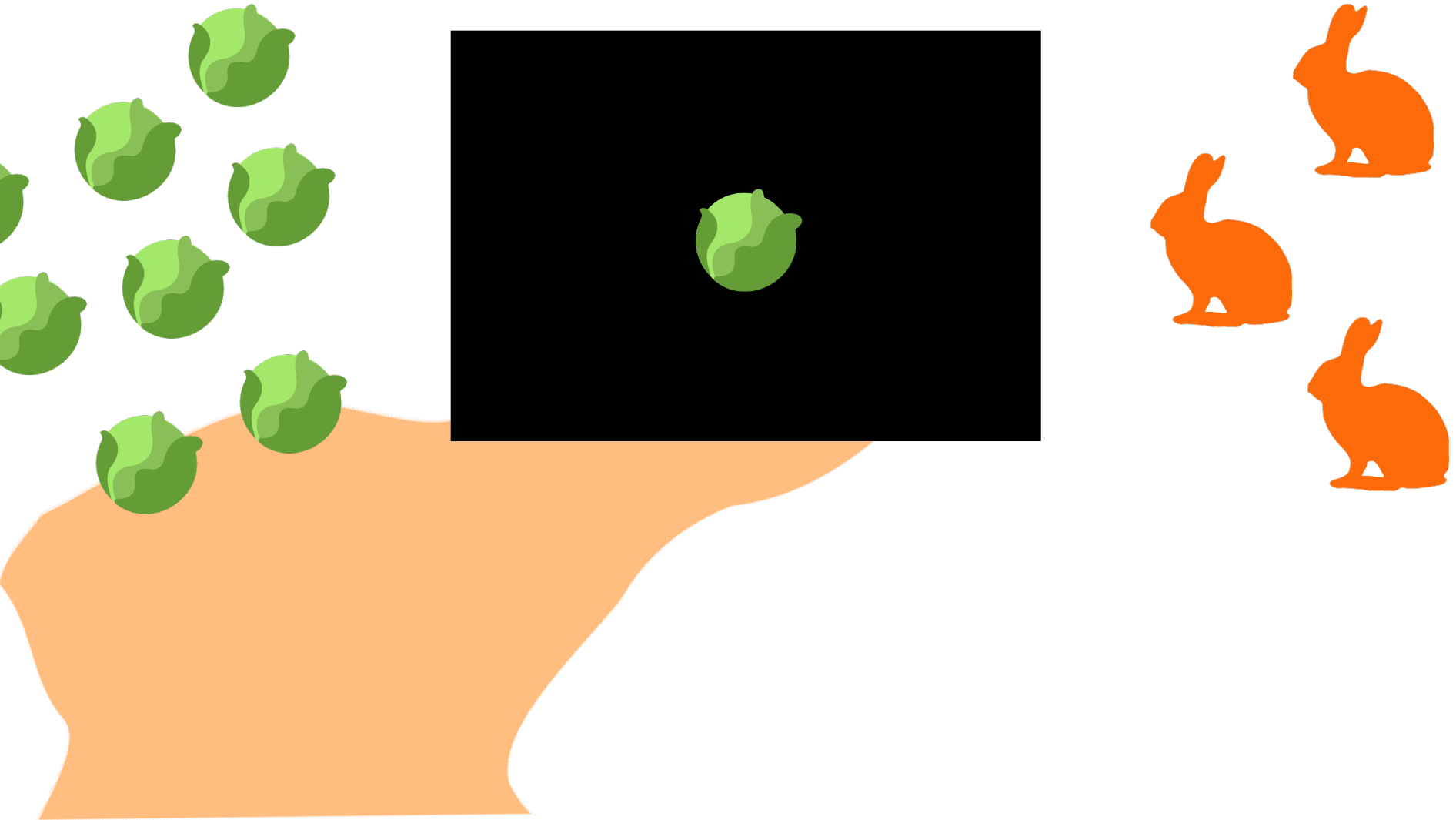
- 4 types of exchanges
- 2 types of bindings
- lots of configuration options



A large, abstract, orange-colored shape that resembles a hand or a stylized figure, positioned in the lower-left and center of the slide. It has a thick, irregular outline and a solid orange fill.

exchanges, queues and bindings may be
configured on the broker

Resilience

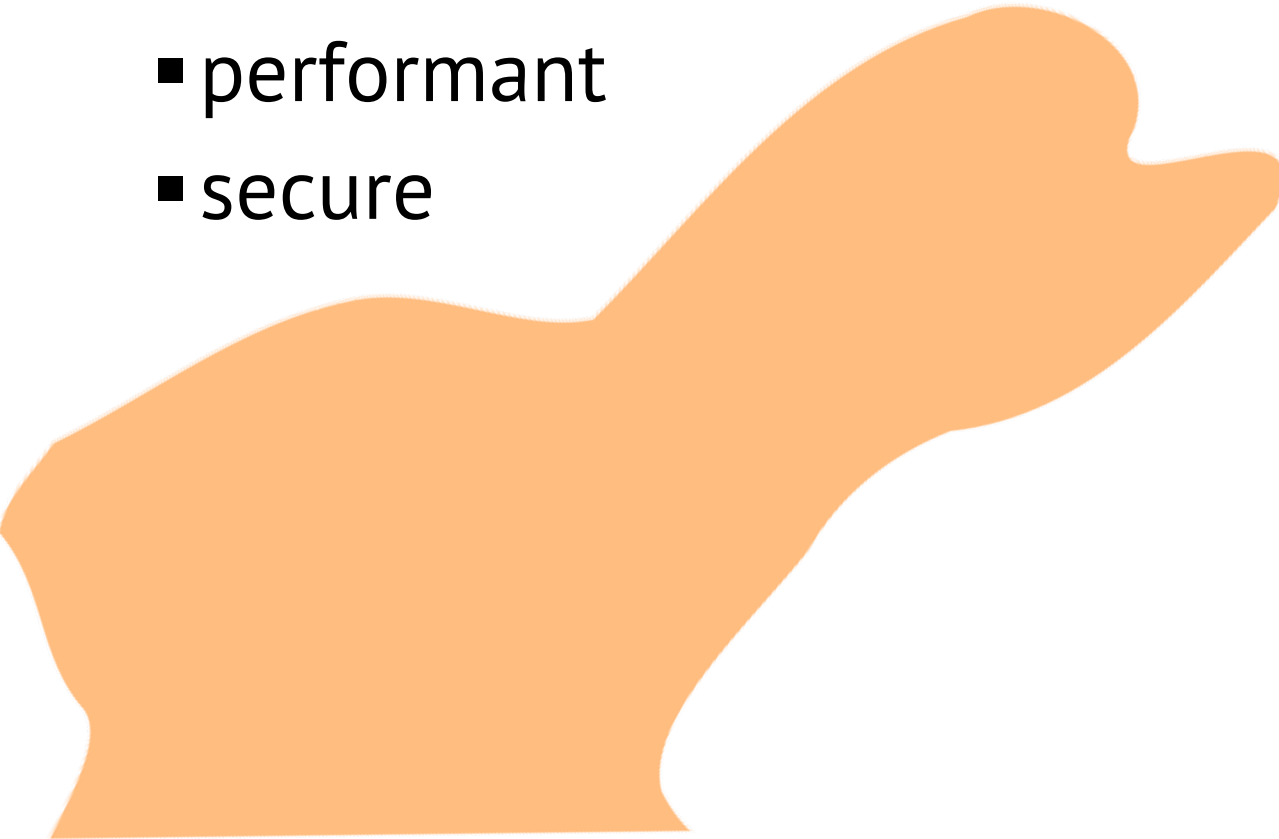




Scalability

Why RabbitMQ?

- easy configurable
- complex scenarios out of box
- performant
- secure



<cute_rabbit.jpg>

Thank you!
@RoboNovotny