#### 协议：AMQP



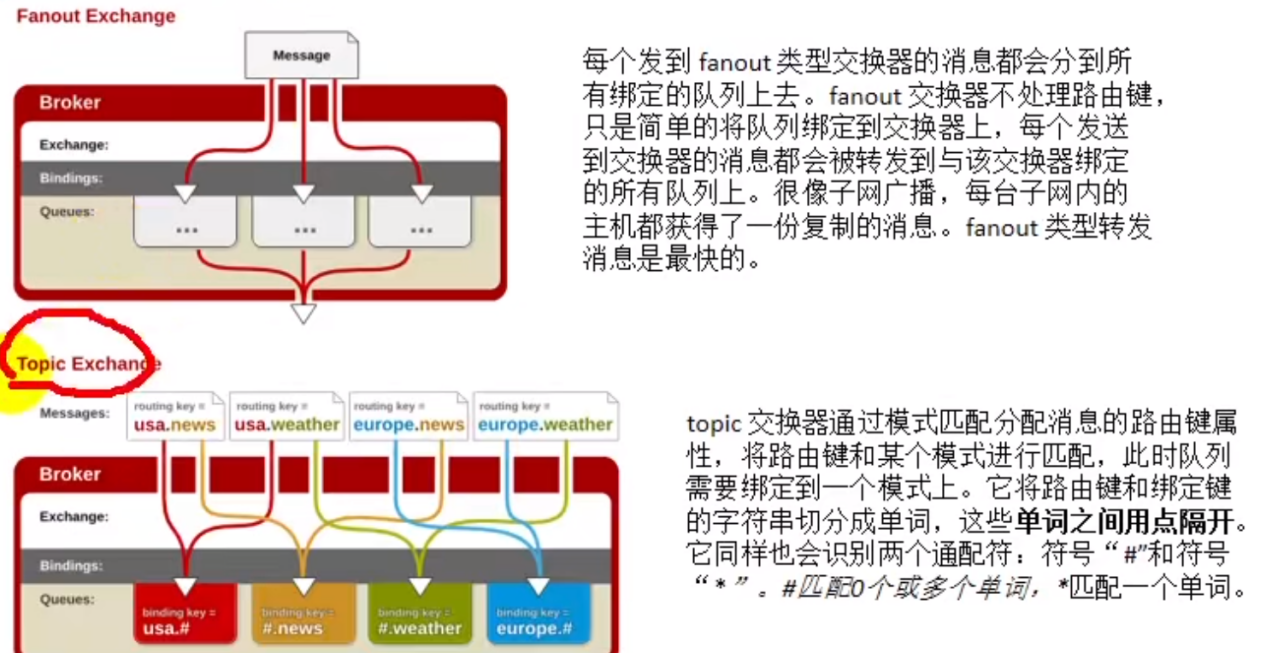


#### Docker安装rabbitmq及端口

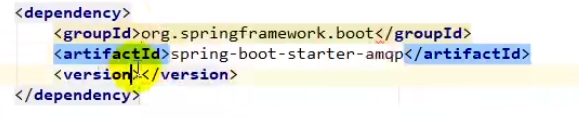


#### 交换机类型

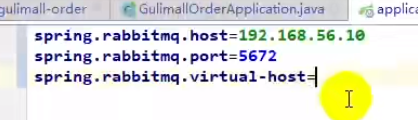




#### Spring boot 整合

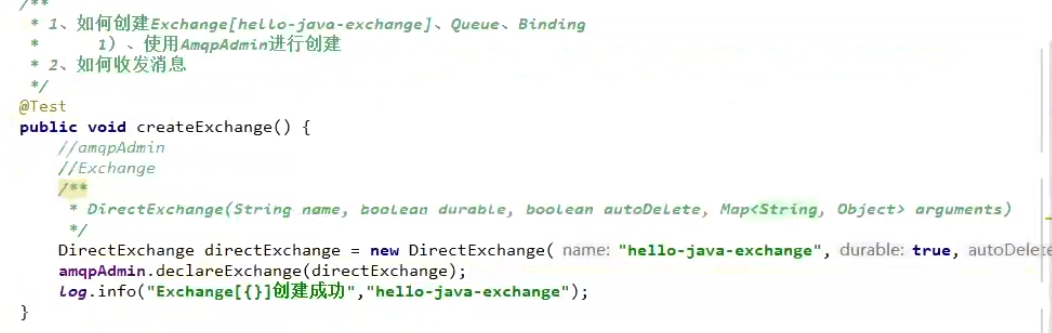


@EnableRabbit 发送消息和创建队列可以不需要，收消息必须加

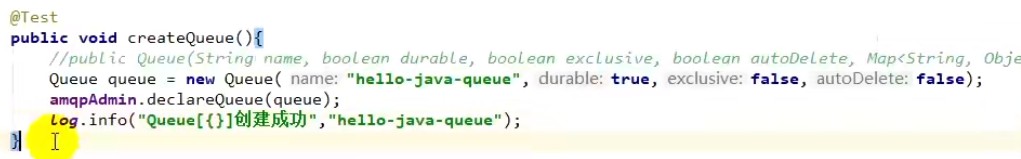


#### amqpadmin创建交换机，队列，绑定使用

创建交换机



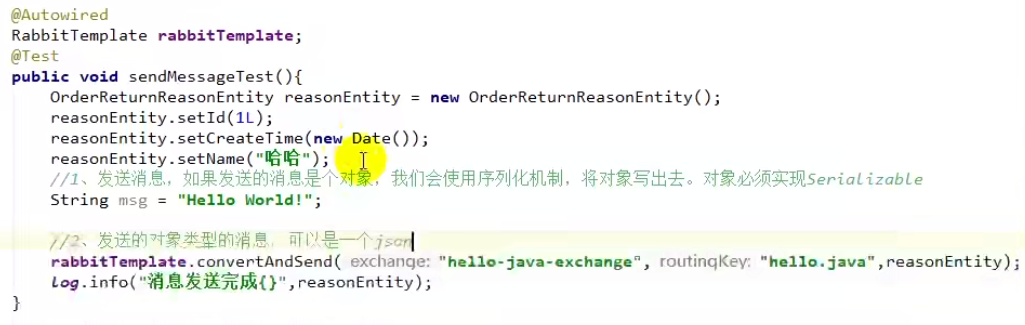
创建队列



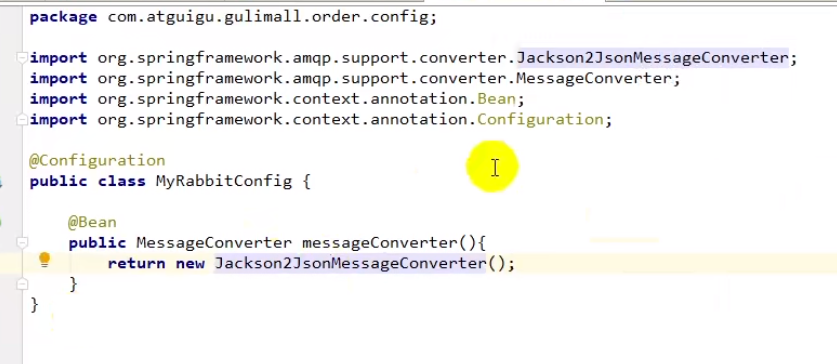
创建绑定



#### RabbitTemplate发送消息使用



发送消息使用json序列化



#### RabbitListener收消息

Rabbitlistener可以标注在类方法上面

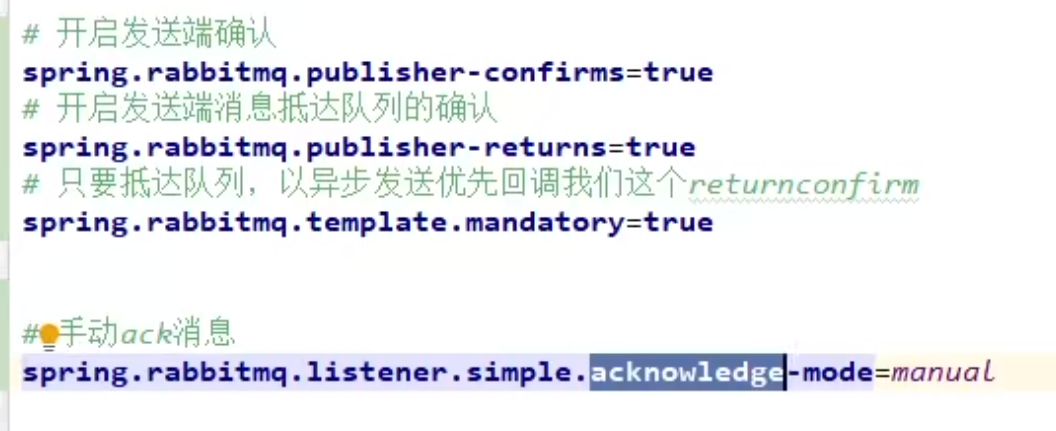
RabbitHandle只能在方法上面





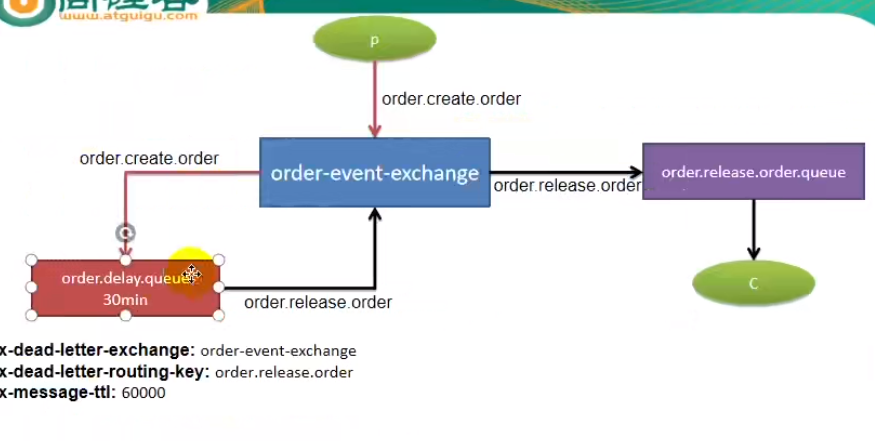


#### 定制rabbittempleate实现发送确认





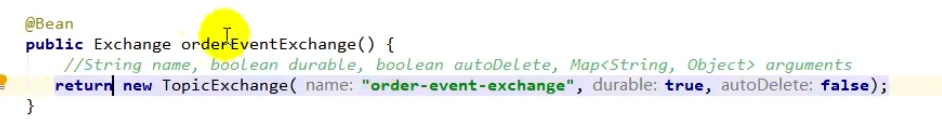
#### 延时队列

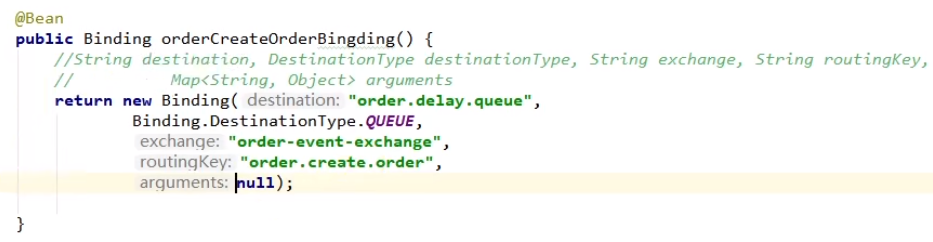


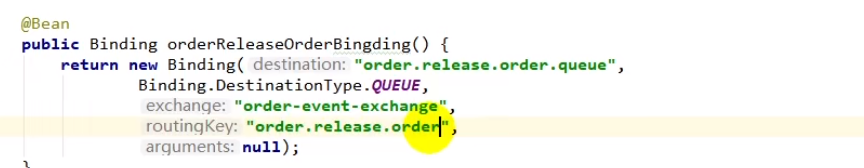




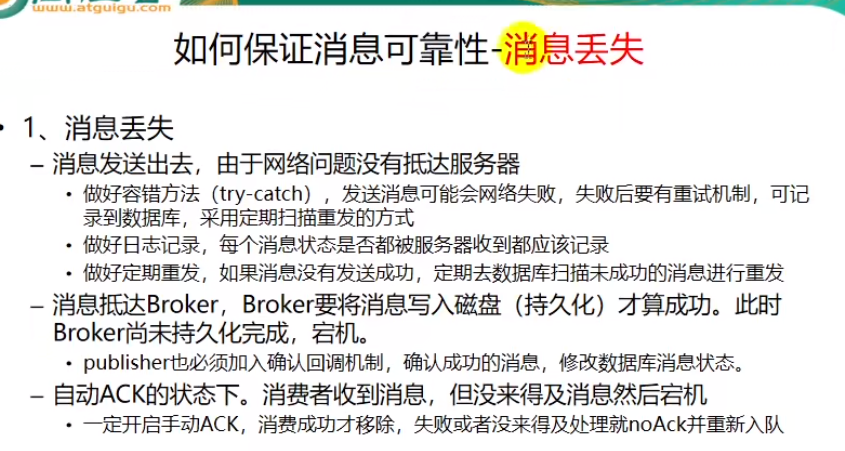


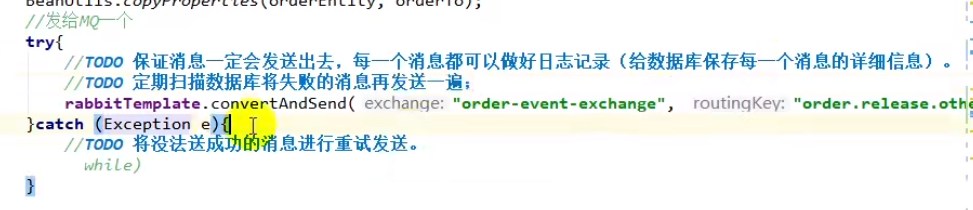


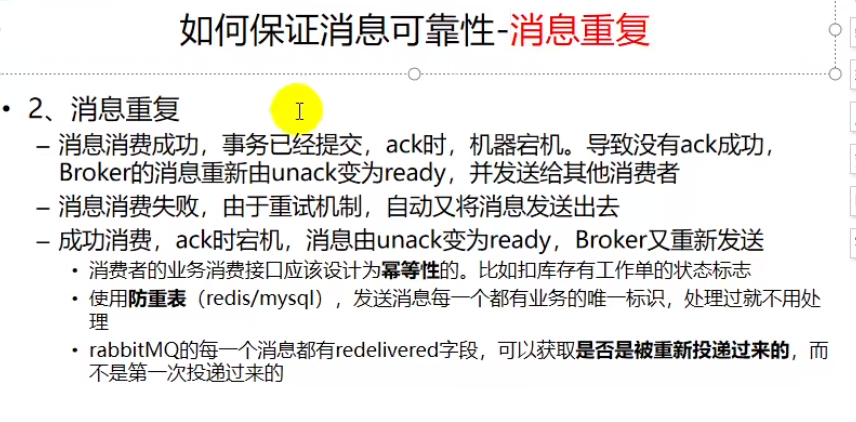


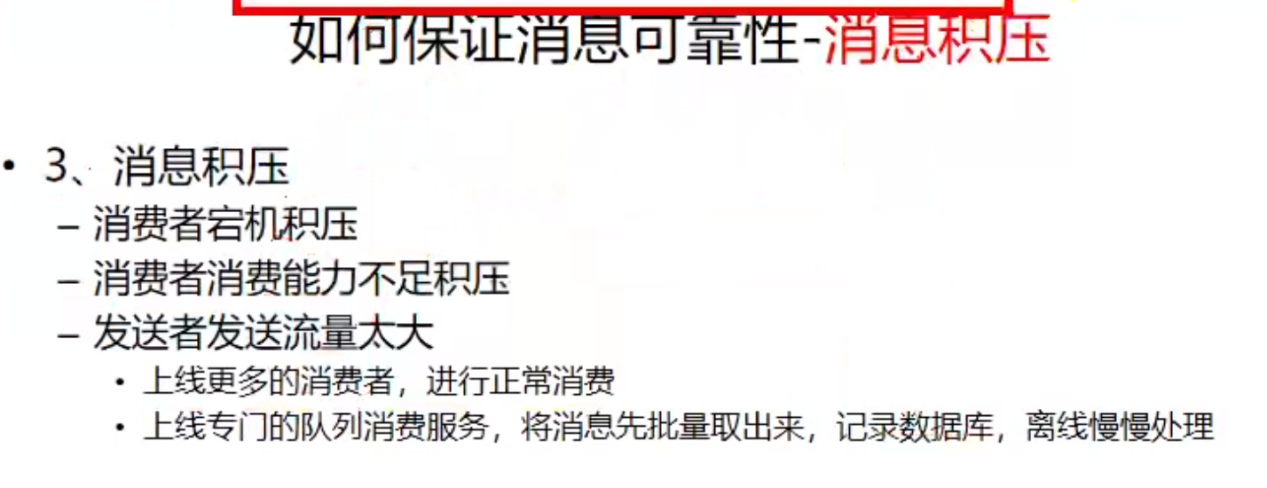


#### 消息丢失

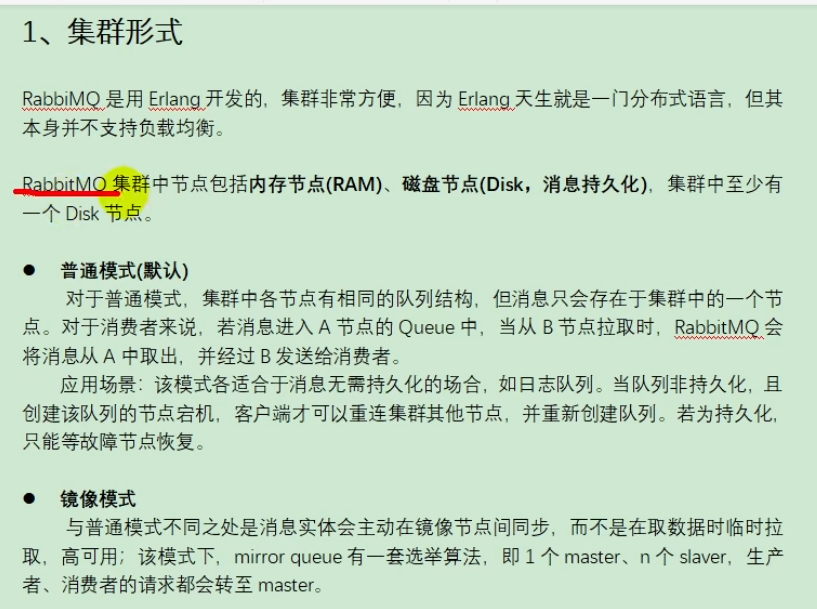








#### 集群



可以加入Nginx解决负载均衡问题

