

### 3. Kafka Producer (Event Publisher)

```
java Copy code  
  
import org.springframework.kafka.core.KafkaTemplate;  
import org.springframework.stereotype.Service;  
  
@Service  
public class OrderEventProducer {  
  
    private final KafkaTemplate<String, OrderCreatedEvent> kafkaTemplate;  
  
    public OrderEventProducer(KafkaTemplate<String, OrderCreatedEvent> kafkaTemplate) {  
        this.kafkaTemplate = kafkaTemplate;  
    }  
  
    public void publishOrderCreatedEvent(OrderCreatedEvent event) {  
        kafkaTemplate.send("orders", event.getOrderid(), event);  
        System.out.println("Published event: " + event.getOrderid());  
    }  
}
```

You can use:

1. Constructor DI
2. Set DI
3. @Autowired DI