

Why do we need MicroServices?

- 1, Simplify development (Solve the complexity)
- 2, Quick deployment

Why do I use NServiceBus?

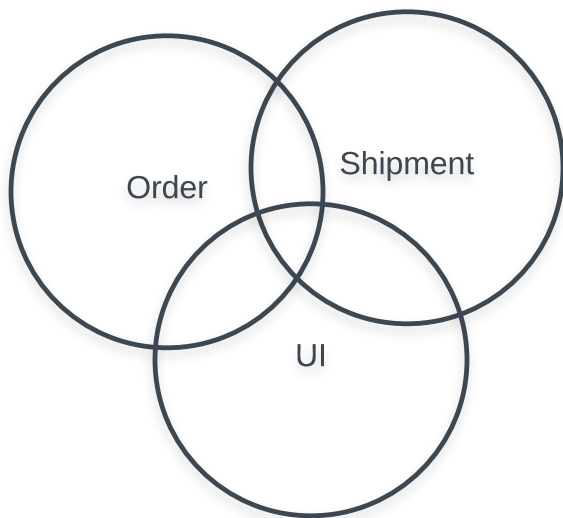
- 1, Open source but not free (My license will be expired in 3 days, but I will apply for a new one later on)
- 2, Based on Microsoft Technology
- 3, Popular

What am I going to show?

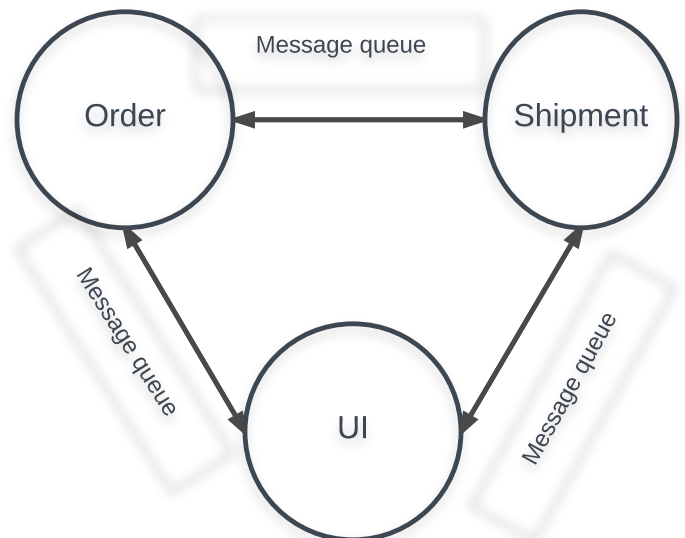
Delivery company creating orders application

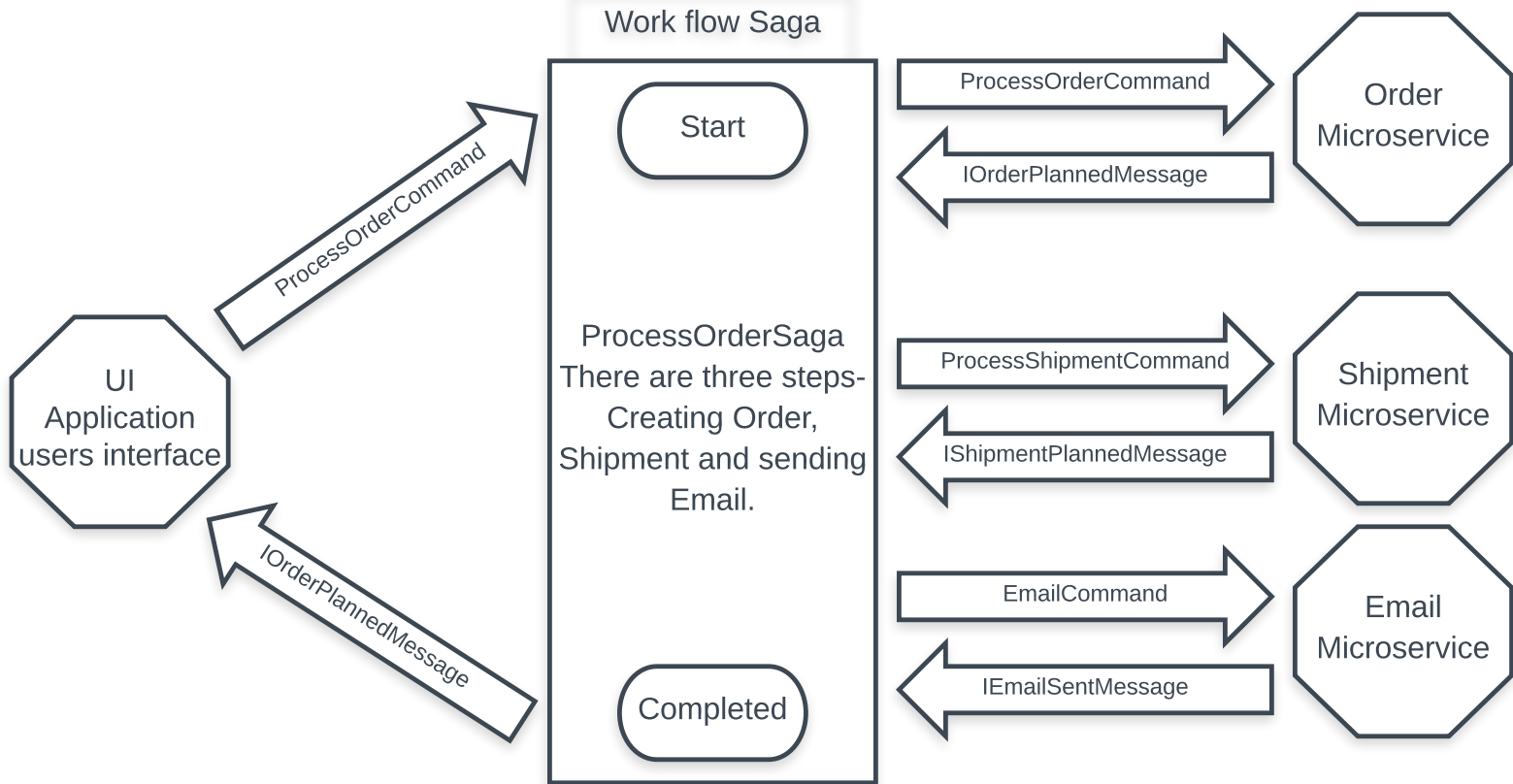
- 1, Split logic to independent services.
- 2, Deploy applications
- 3, Performance monitor

Traditional  
application



Microservices  
application





ServiceInsight for NServiceBus

File Tools View Help

Endpoint Explorer

Messages

Search results: 108 Message(s) found

Message ID	Message Type	Time Sent	Critical Time	Processing Time	Delivery Time
2abb9fe3-72aa-4a21-8e05-a2fa0...	IOrderBilled	3/26/2014 2:17:36 PM	234ms	103ms	131ms
2abb9fe3-72aa-4a21-8e05-a2fa0...	IOrderBilled	3/26/2014 2:17:36 PM	373ms	241ms	132ms
66332d21-f73a-4266-86b5-a2fa0...	IOrderAccepted	3/26/2014 2:17:30 PM	2s	327ms	2s
66332d21-f73a-4266-86b5-a2fa0...	IOrderAccepted	3/26/2014 2:17:30 PM	5s	5s	277ms
00ebd346-5900-4eba-9b3c-a2fa...	PlaceOrder	3/26/2014 2:17:30 PM	313ms	271ms	42ms
6161dc20-7592-463b-b987-a2fa...	ICustomerChangedPreferredStatus	3/26/2014 8:37:29 AM	259ms	4ms	255ms

Flow Diagram

Show Endpoints

Message Properties

Search

- General
- Performance
- Errors
- Gateway
- Saga

Flow Diagram details:

```

graph TD
    PlaceOrder[PlaceOrder  
3/26/2014 8:37:24 AM]
    IOrderAccepted1[IOrderAccepted  
3/26/2014 8:37:24 AM  
ShippingPolicy]
    IOrderAccepted2[IOrderAccepted  
3/26/2014 8:37:24 AM]
    IOrderBilled1[IOrderBilled  
3/26/2014 8:37:29 AM  
ShippingPolicy]
    IOrderBilled2[IOrderBilled  
3/26/2014 8:37:29 AM  
CustomerPreferredPol]
    ICustomerChangedPr[ICustomerChangedPr...  
3/26/2014 8:37:29 AM  
CustomerPreferredPol]

    PlaceOrder -.-> IOrderAccepted1
    PlaceOrder -.-> IOrderAccepted2
    IOrderAccepted1 -.-> IOrderBilled1
    IOrderAccepted2 -.-> IOrderBilled2
    IOrderBilled2 -.-> ICustomerChangedPr
  
```

Flow Diagram | Saga Headers | Body | Logs

Done

Trial license: 7 days left