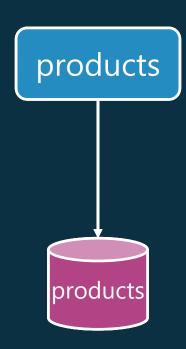
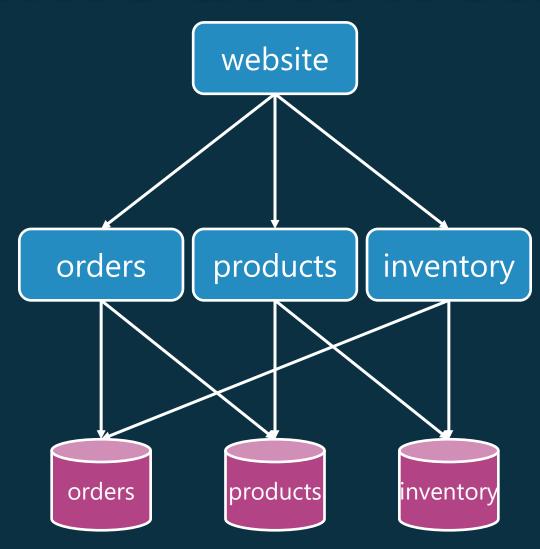


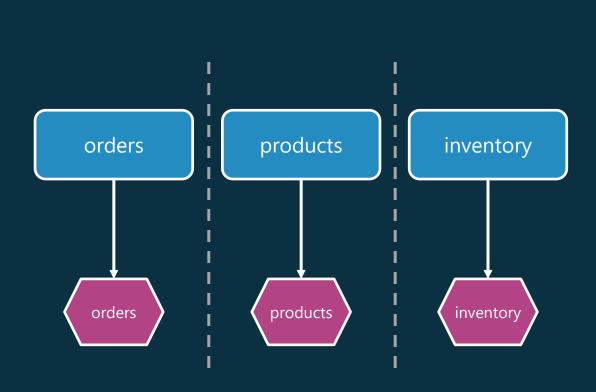


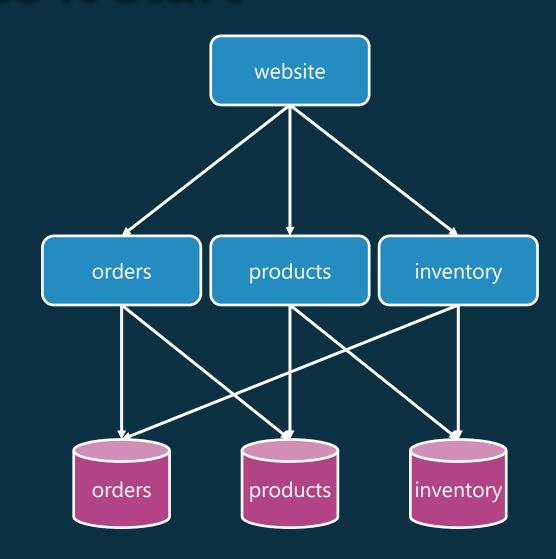
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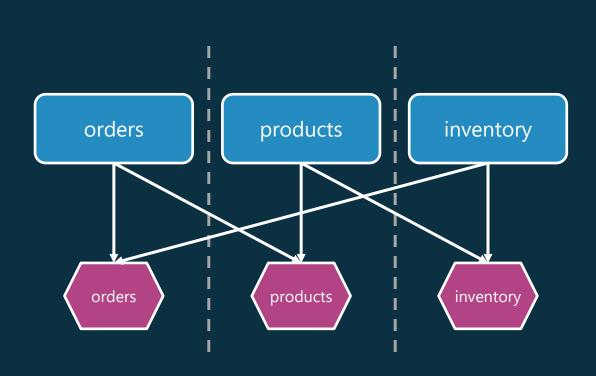


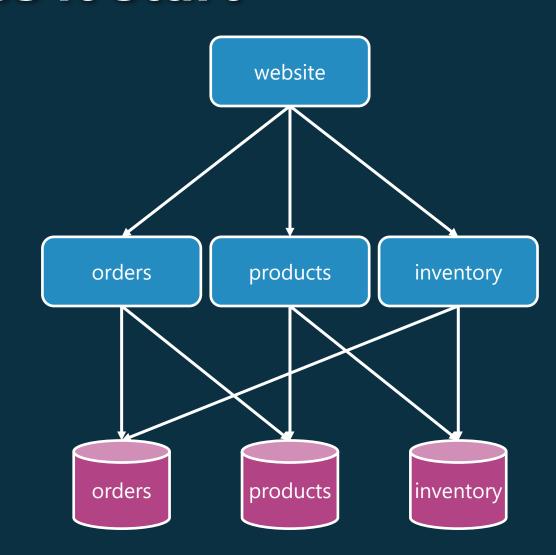
### where does it start

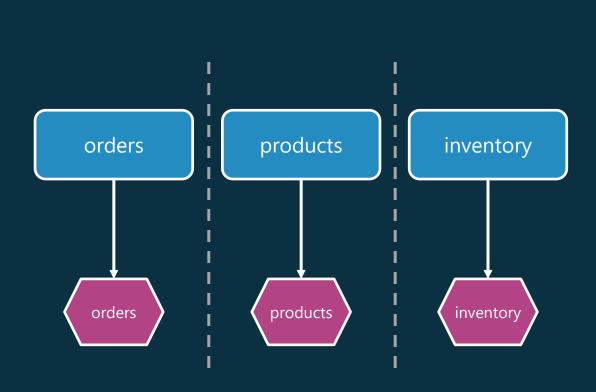


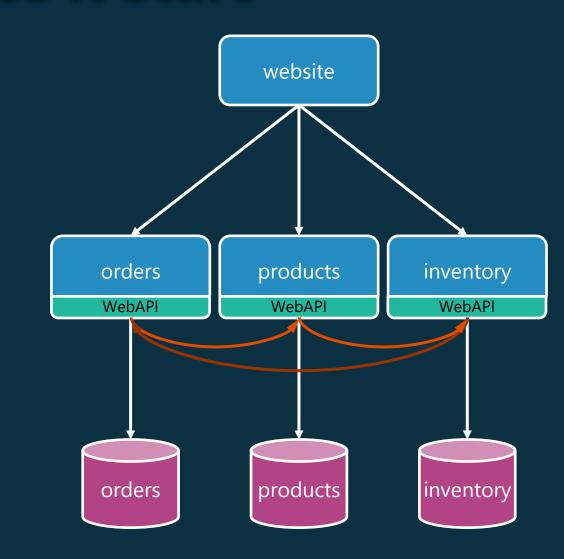


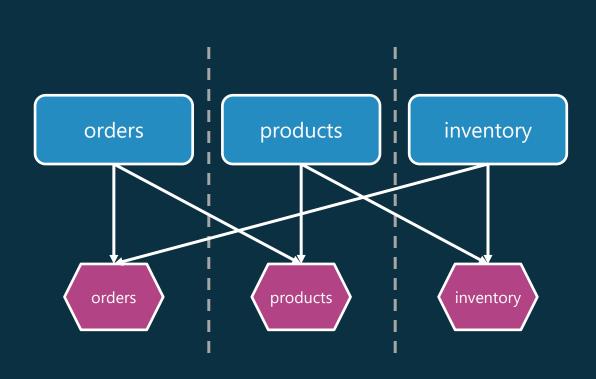


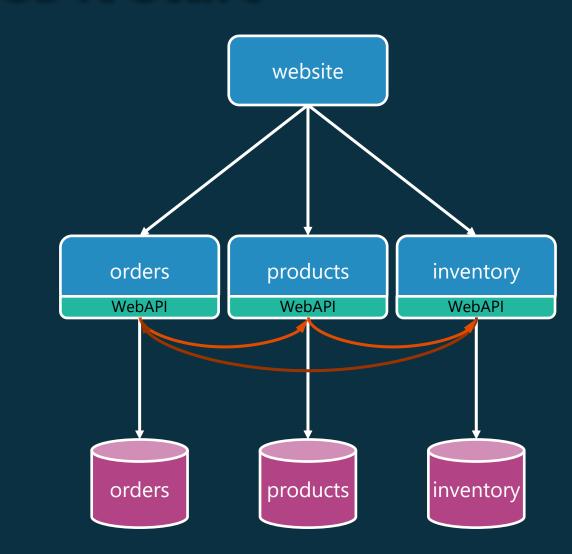




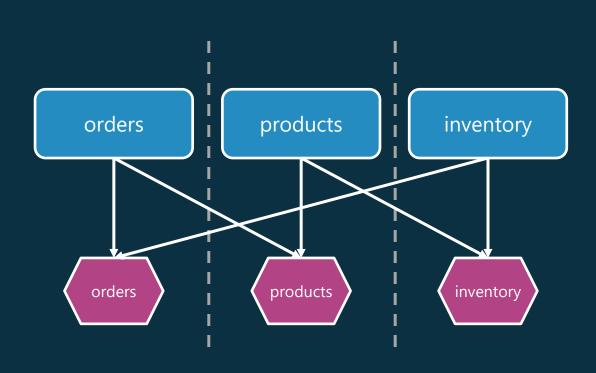


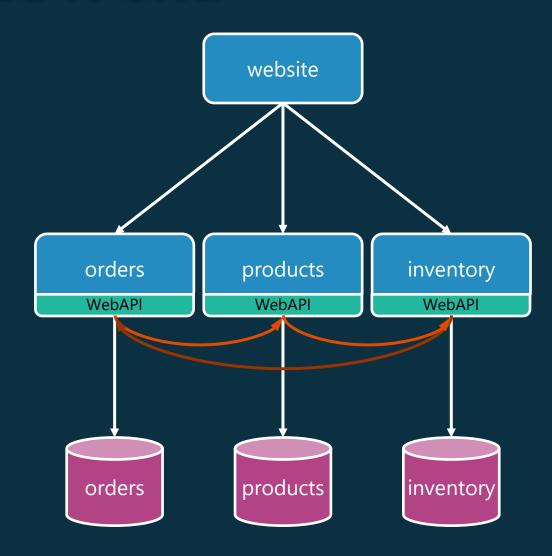


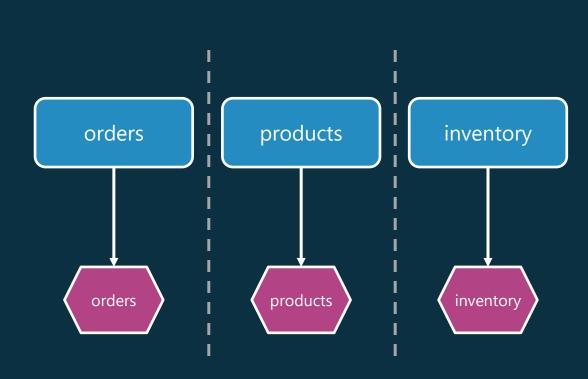


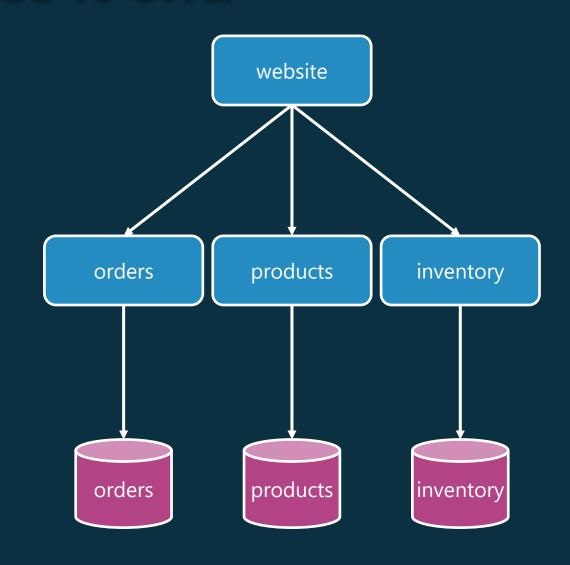


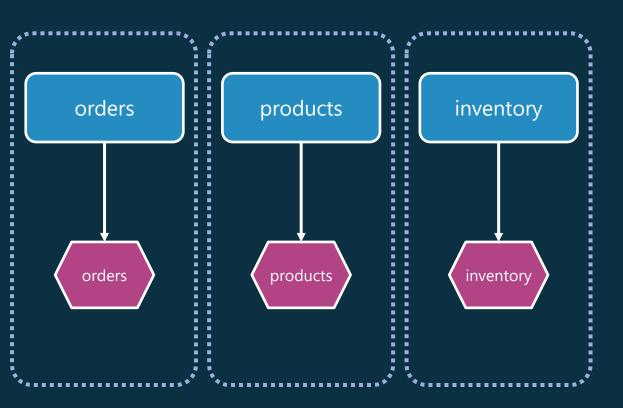


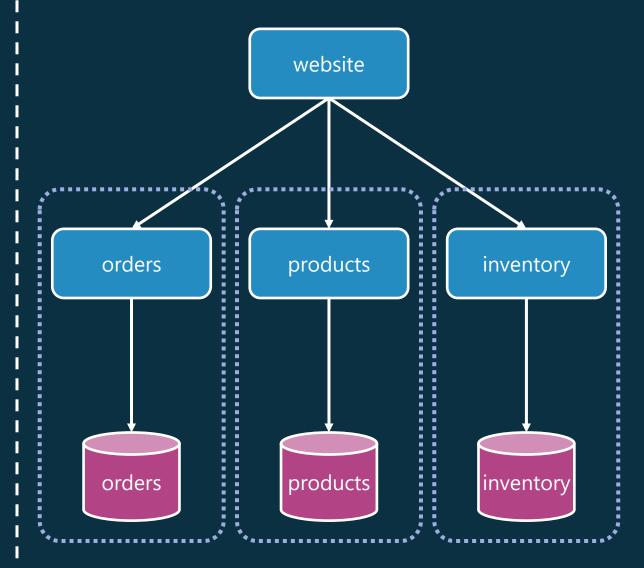




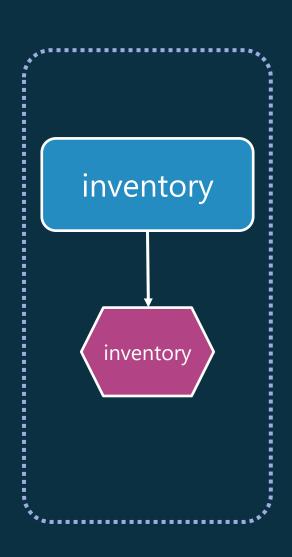




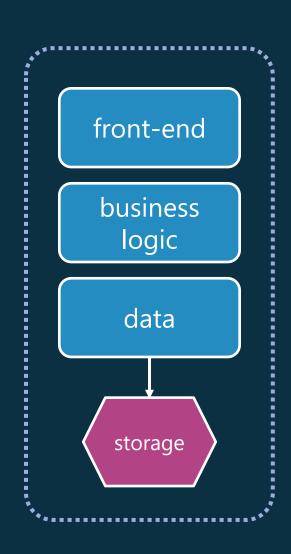




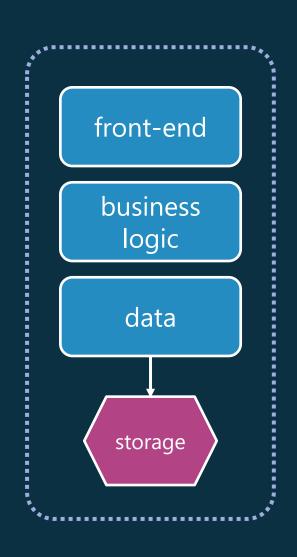
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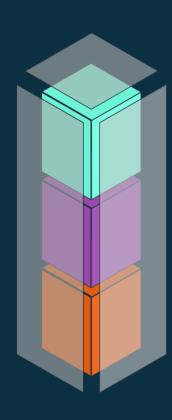




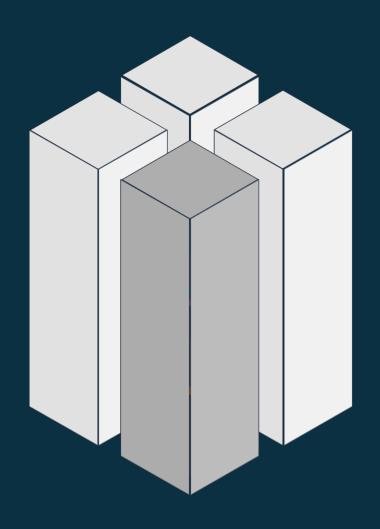


### where does it end

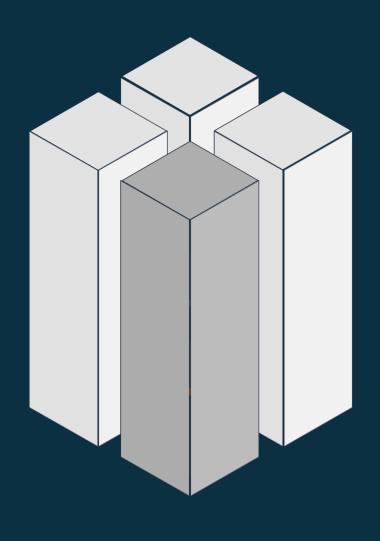




### where does it end









### Autonomous microservices don't share data. Period. Dennis van der Stelt





Finding your service boundaries – a practical guide Adam Ralph



https://youtu.be/jdliXz70NtM



**Finding Service Boundaries – illustrated in healthcare**Udi Dahan

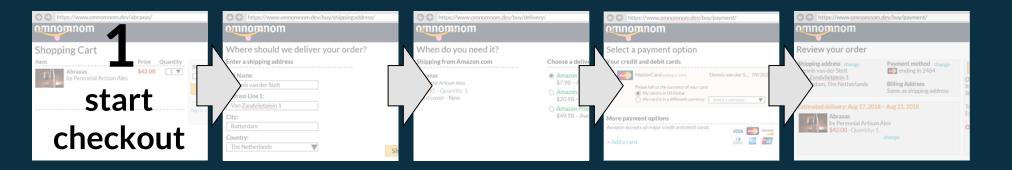


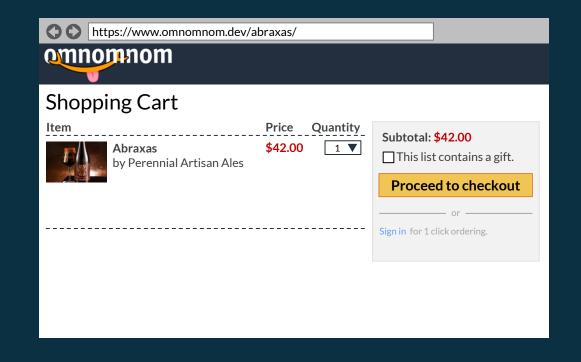
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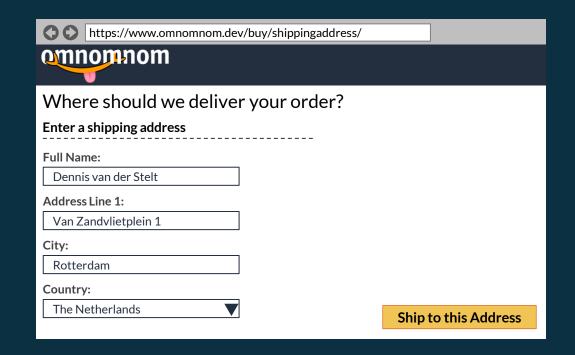




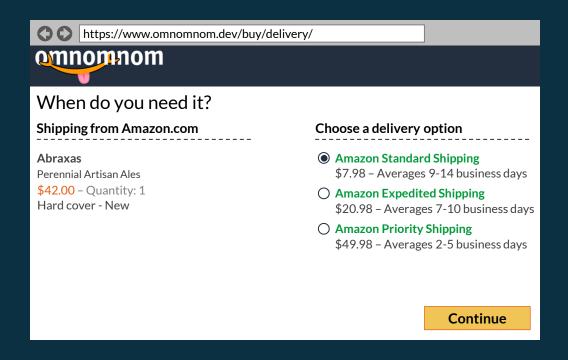




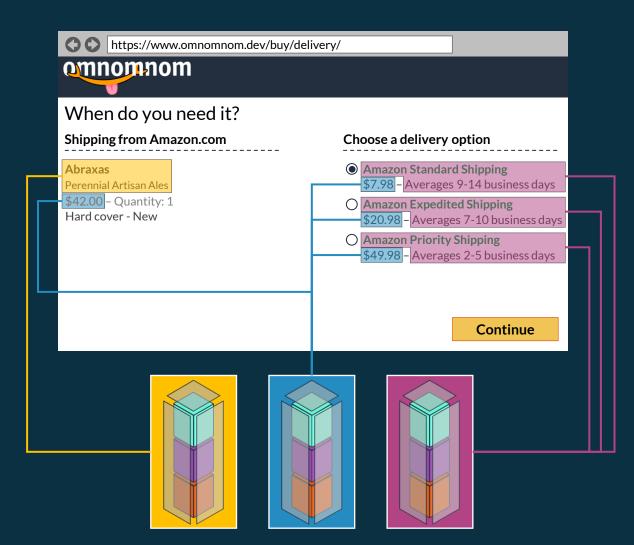


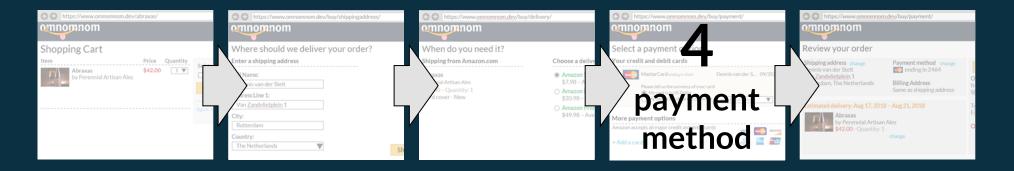


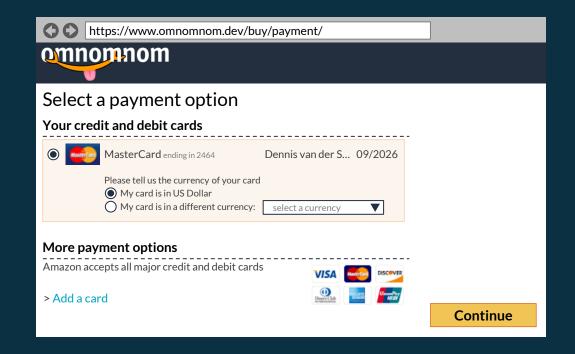




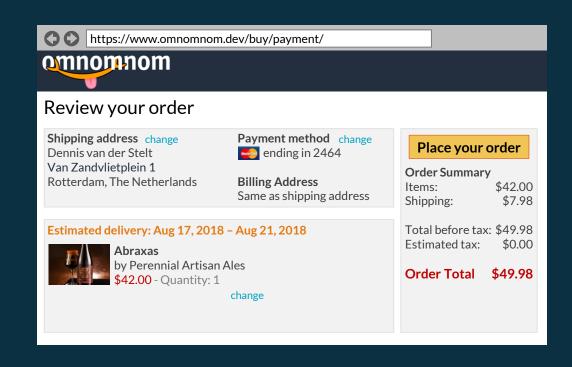


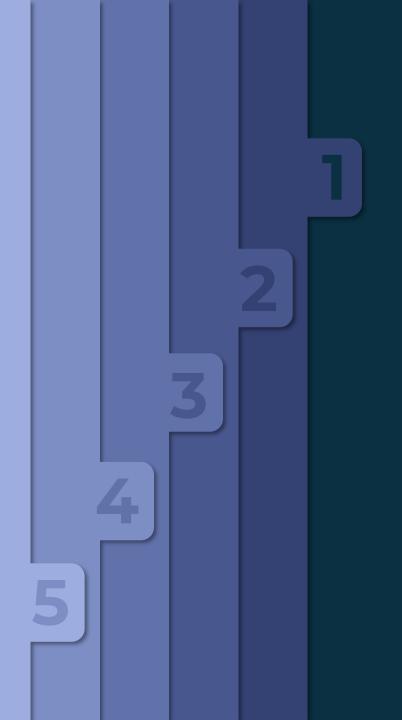












### CONSISTENCY BOUNDARIES

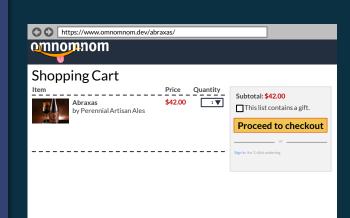
### Service C

ProductId Price Discount

### **Service A**

ProductId
Name
Description
Image
Category





3

### **Service C**

*ProductId*Price
Discount

### **Service A**

ProductId
Name
Description
Image
Category

### **Service B**

*ProductId* InStock

Orderld Productld Quantity



https://www.omnomnom.dev/abraxas/		
omnomnom		
Shopping Cart		
Abraxas by Perennial Artisan Ales	Price Quantity \$42.00   1 ▼	Subtotal: \$42.00  This list contains a gift.
		Proceed to checkout
		Sign in for 1 click ordering.

3

4

### **Service D**

DeliveryOptionId Type Description International

Orderld CustomerId DeliveryOptionId ShippingAddress

### **Service C**

ProductId Price Discount

DeliveryOptionId Price

Orderld ProductId Priceld DeliveryOptionId Quantity BillingAddress

#### **Service A**

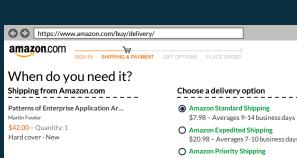
ProductId Name Description Image Category

### **Service B**

ProductId InStock

Orderld ProductId Quantity





O Amazon Expedited Shipping \$20.98 - Averages 7-10 business days Amazon Priority Shipping

\$49.98 - Averages 2-5 business days

Continue

#### **Service D**

DeliveryOptionId
Type
Description
International

OrderId
CustomerId
DeliveryOptionId
ShippingAddress

#### **Service C**

ProductId
Price
Discount

*DeliveryOptionId*Price

OrderId
ProductId
PriceId
DeliveryOptionId
Quantity
BillingAddress

#### **Service A**

ProductId
Name
Description
Image
Category

### **Service E**

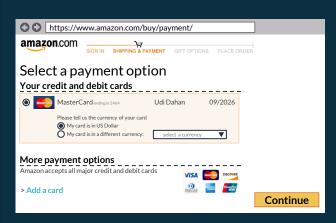
CreditCardId
Cardholder
LastDigits
ExpiryDate
Token

#### **Service B**

ProductId InStock

OrderId ProductId Quantity







### **Shipping**

DeliveryOptionId
Type
Description
International

OrderId
CustomerId
DeliveryOptionId
ShippingAddress

#### **Finance**

ProductId
Price
Discount

*DeliveryOptionId*Price

OrderId
ProductId
PriceId
DeliveryOptionId
Quantity
BillingAddress

### Catalog

ProductId
Name
Description
Image
Category

### Marketing

ProductId Reviews Stars

### **PaymentInfo**

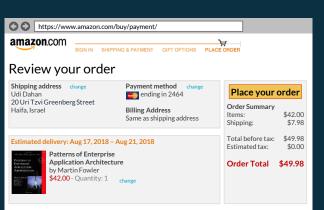
CreditCardId
Cardholder
LastDigits
ExpiryDate
Token

### Catalog

*ProductId* InStock

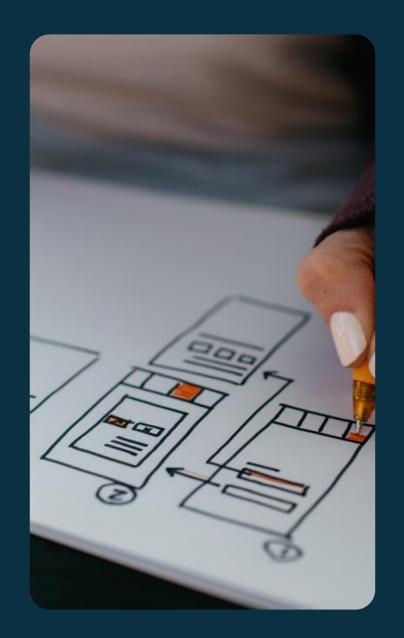
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ProductId
Quantity



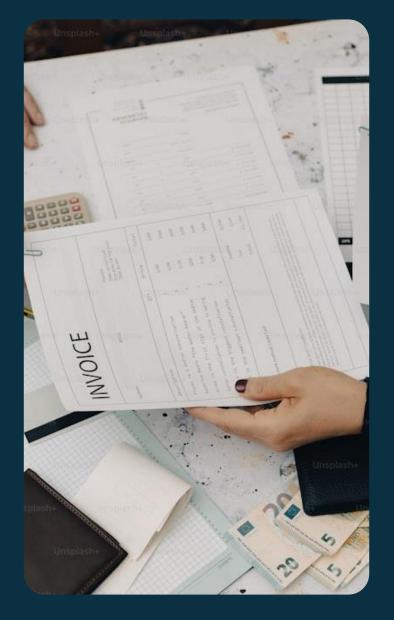


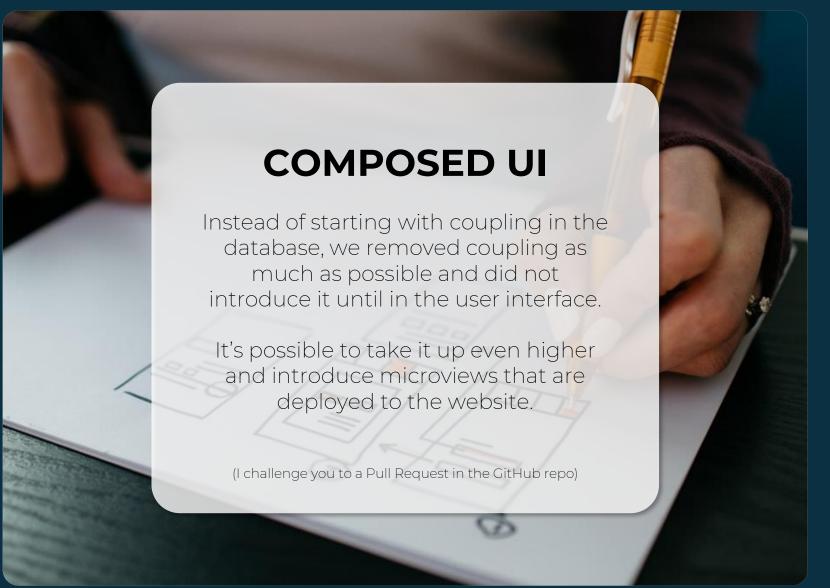


# RD RICE

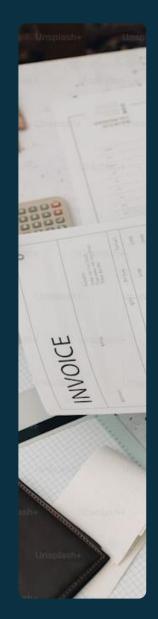














### SERVICE BUS

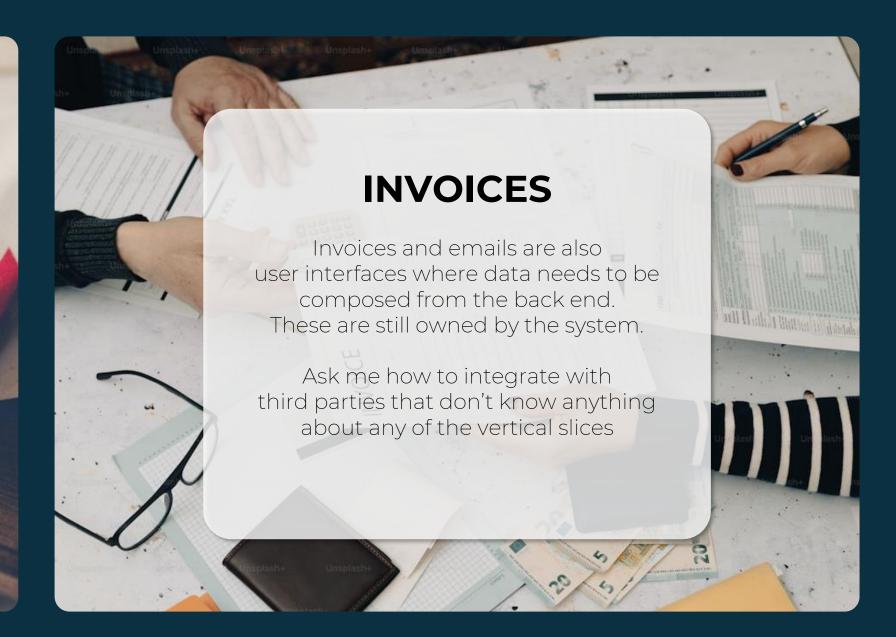
Temporal coupling is removed by replacing RPC calls between services with messages using a service bus.

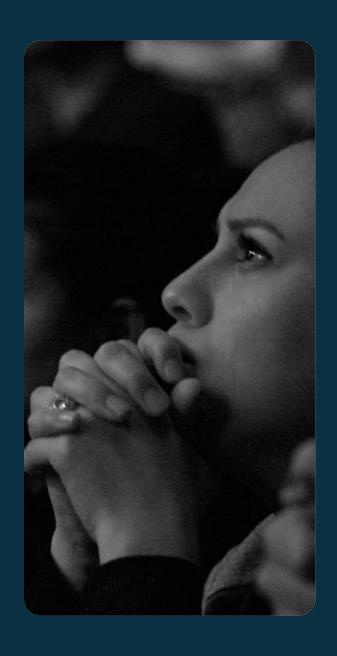
Concepts like publish/subscribe, increased reliability and better performance

Events are published across vertical slices and contain only the least volatile data; identifiers.









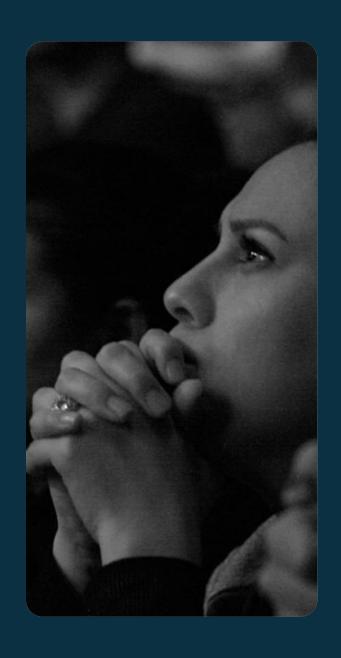
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## Thanks for listening



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