Sequence diagram

2026-11-19 · `examples/types/uml-sequence.json`

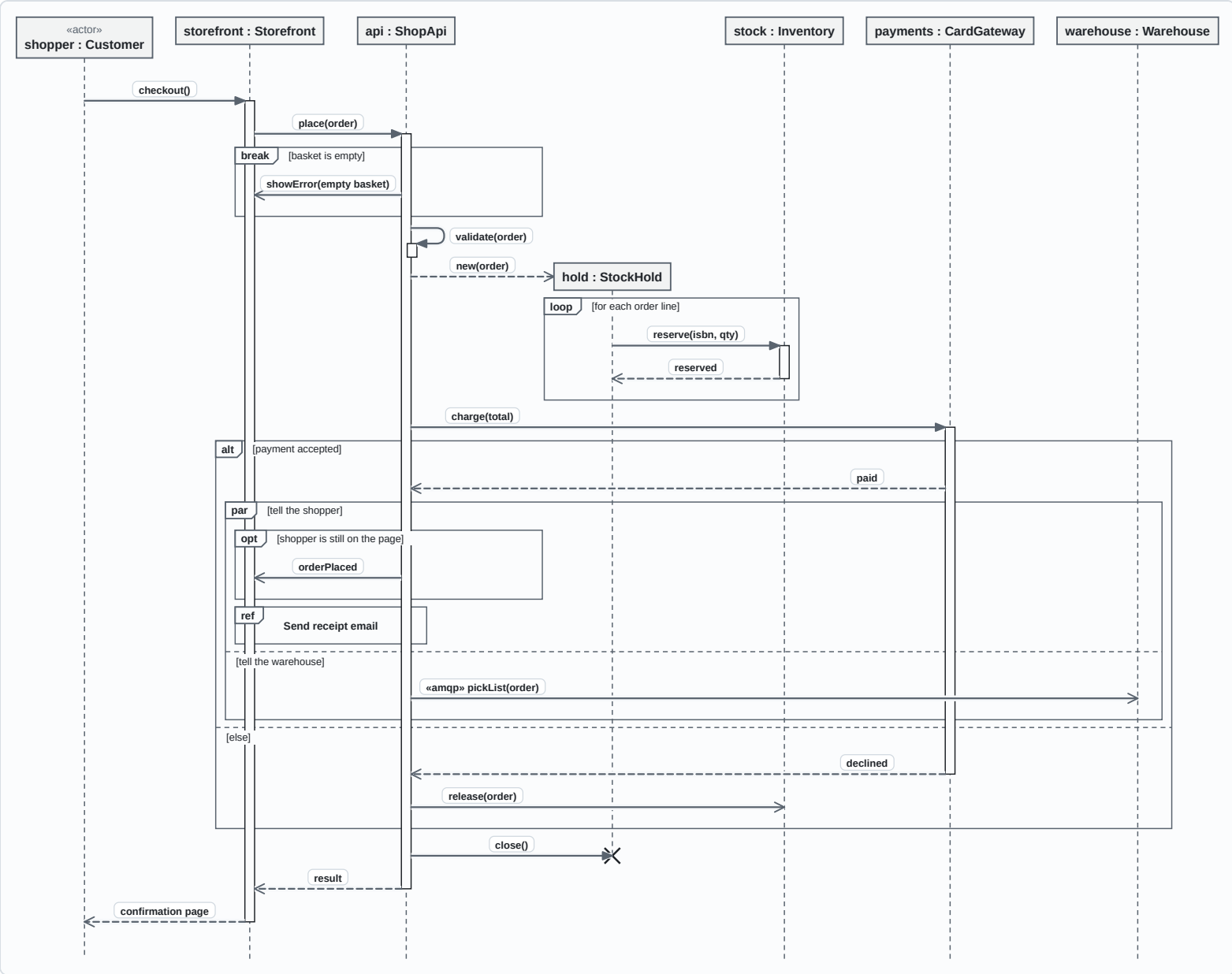
1 view · 7 cards · 16 lines

Contents

A bookshop's checkout 2

A bookshop's checkout

7 cards · 16 lines



Legend → **Call** the sender waits for it —> **Async** the sender goes on --> **Reply** the answer to a call --> **Create** creates the lifeline it points to → **Delete** ends the lifeline it points to (×)

A bookshop's checkout (continued)

Elements 7

Card	Kind	Members
shopper : Customer	Lifeline	
storefront : Storefront	Lifeline	
api : ShopApi	Lifeline	
hold : StockHold	Lifeline	
stock : Inventory	Lifeline	
payments : CardGateway	Lifeline	
warehouse : Warehouse	Lifeline	

Lines 16

From → to	Label	Kind
shopper : Customer → storefront : Storefront	checkout()	Message
storefront : Storefront → api : ShopApi	place(order)	Message
api : ShopApi → storefront : Storefront	showError(empty basket)	Message
api : ShopApi → api : ShopApi	validate(order)	Message
api : ShopApi → hold : StockHold	new(order)	Message
hold : StockHold → stock : Inventory	reserve(isbn, qty)	Message
stock : Inventory → hold : StockHold	reserved	Message
api : ShopApi → payments : CardGateway	charge(total)	Message
payments : CardGateway → api : ShopApi	paid	Message
api : ShopApi → storefront : Storefront	orderPlaced	Message
api : ShopApi → warehouse : Warehouse	«amqp» pickList(order)	Message
payments : CardGateway → api : ShopApi	declined	Message
api : ShopApi → stock : Inventory	release(order)	Message
api : ShopApi → hold : StockHold	close()	Message
api : ShopApi → storefront : Storefront	result	Message
storefront : Storefront → shopper : Customer	confirmation page	Message