Communication diagram

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

2 views · 8 cards · 20 lines

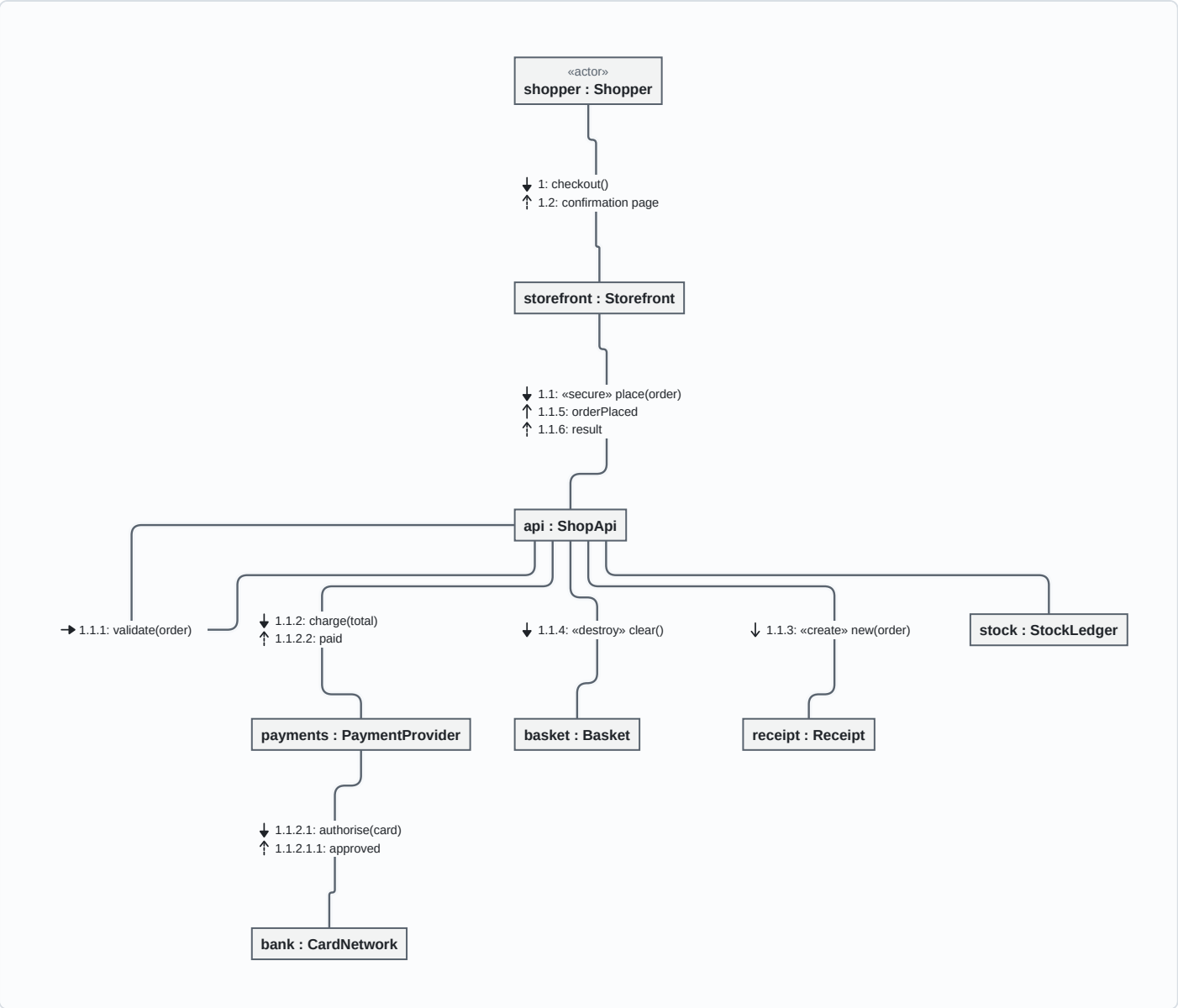
Contents

Checkout, the card accepted 2

The same checkout, laid out right 4

Checkout, the card accepted

8 cards · 20 lines



Legend — **Connector** a link messages are sent along → **Call** waits for its reply → **Async** sent without waiting ⇢ **Reply** the answer to a call → **Create** «create»: makes its receiver → **Delete** «destroy»: ends its receiver

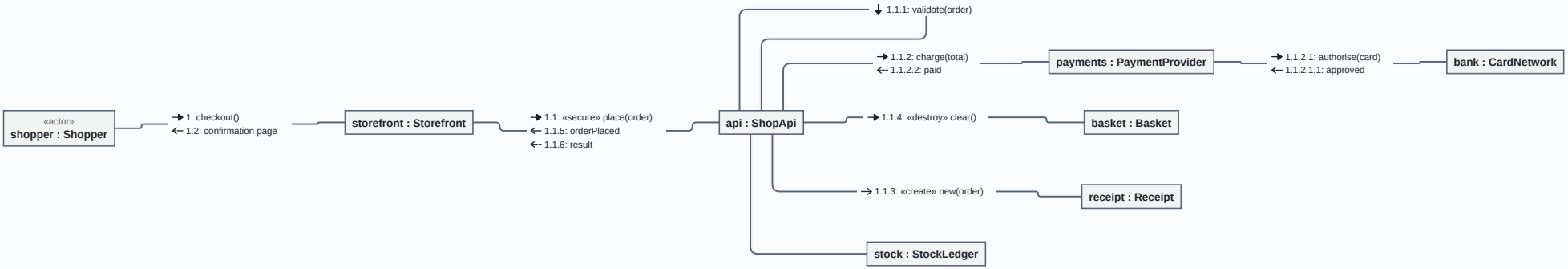
Checkout, the card accepted (continued)

Elements 8

Card	Kind	Members
shopper : Shopper	Lifeline	
storefront : Storefront	Lifeline	
api : ShopApi	Lifeline	
payments : PaymentProvider	Lifeline	
bank : CardNetwork	Lifeline	
basket : Basket	Lifeline	
receipt : Receipt	Lifeline	
stock : StockLedger	Lifeline	

Lines 20

From → to	Label	Kind
shopper : Shopper → storefront : Storefront		Connector
storefront : Storefront → api : ShopApi		Connector
api : ShopApi → api : ShopApi		Connector
api : ShopApi → payments : PaymentProvider		Connector
payments : PaymentProvider → bank : CardNetwork		Connector
api : ShopApi → basket : Basket		Connector
api : ShopApi → receipt : Receipt		Connector
api : ShopApi → stock : StockLedger		Connector
shopper : Shopper → storefront : Storefront	checkout()	Message
storefront : Storefront → api : ShopApi	«secure» place(order)	Message
api : ShopApi → api : ShopApi	validate(order)	Message
api : ShopApi → payments : PaymentProvider	charge(total)	Message
payments : PaymentProvider → bank : CardNetwork	authorise(card)	Message
bank : CardNetwork → payments : PaymentProvider	approved	Message
payments : PaymentProvider → api : ShopApi	paid	Message
api : ShopApi → receipt : Receipt	new(order)	Message
api : ShopApi → basket : Basket	clear()	Message
api : ShopApi → storefront : Storefront	orderPlaced	Message
api : ShopApi → storefront : Storefront	result	Message
storefront : Storefront → shopper : Shopper	confirmation page	Message



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Lines 20

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shopper : Shopper → storefront : Storefront		Connector
storefront : Storefront → api : ShopApi		Connector
api : ShopApi → api : ShopApi		Connector
api : ShopApi → payments : PaymentProvider		Connector
payments : PaymentProvider → bank : CardNetwork		Connector
api : ShopApi → basket : Basket		Connector
api : ShopApi → receipt : Receipt		Connector
api : ShopApi → stock : StockLedger		Connector
shopper : Shopper → storefront : Storefront	checkout()	Message
storefront : Storefront → api : ShopApi	«secure» place(order)	Message
api : ShopApi → api : ShopApi	validate(order)	Message
api : ShopApi → payments : PaymentProvider	charge(total)	Message

Lines 20 (continued)

From → to	Label	Kind
payments : PaymentProvider → bank : CardNetwork	authorise(card)	Message
bank : CardNetwork → payments : PaymentProvider	approved	Message
payments : PaymentProvider → api : ShopApi	paid	Message
api : ShopApi → receipt : Receipt	new(order)	Message
api : ShopApi → basket : Basket	clear()	Message
api : ShopApi → storefront : Storefront	orderPlaced	Message
api : ShopApi → storefront : Storefront	result	Message
storefront : Storefront → shopper : Shopper	confirmation page	Message