Information flow diagram

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

2 views · 12 cards · 9 lines

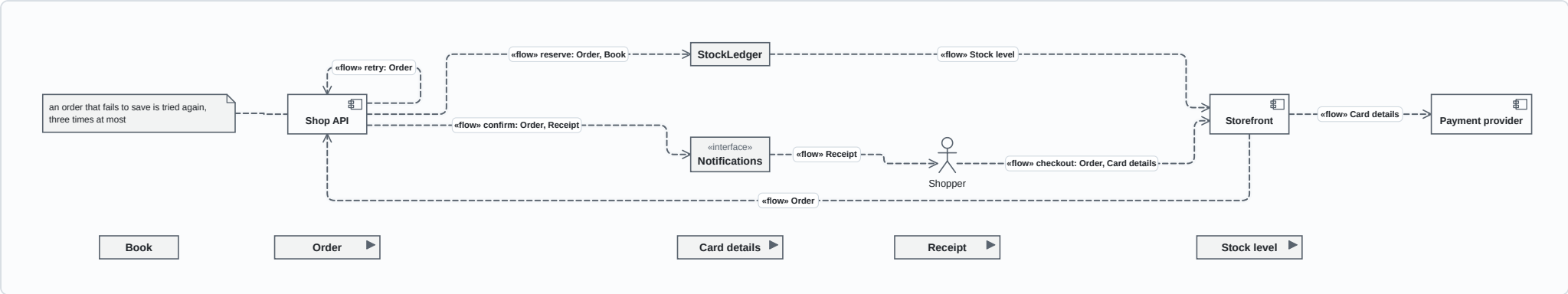
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What travels with an order

12 cards · 9 lines



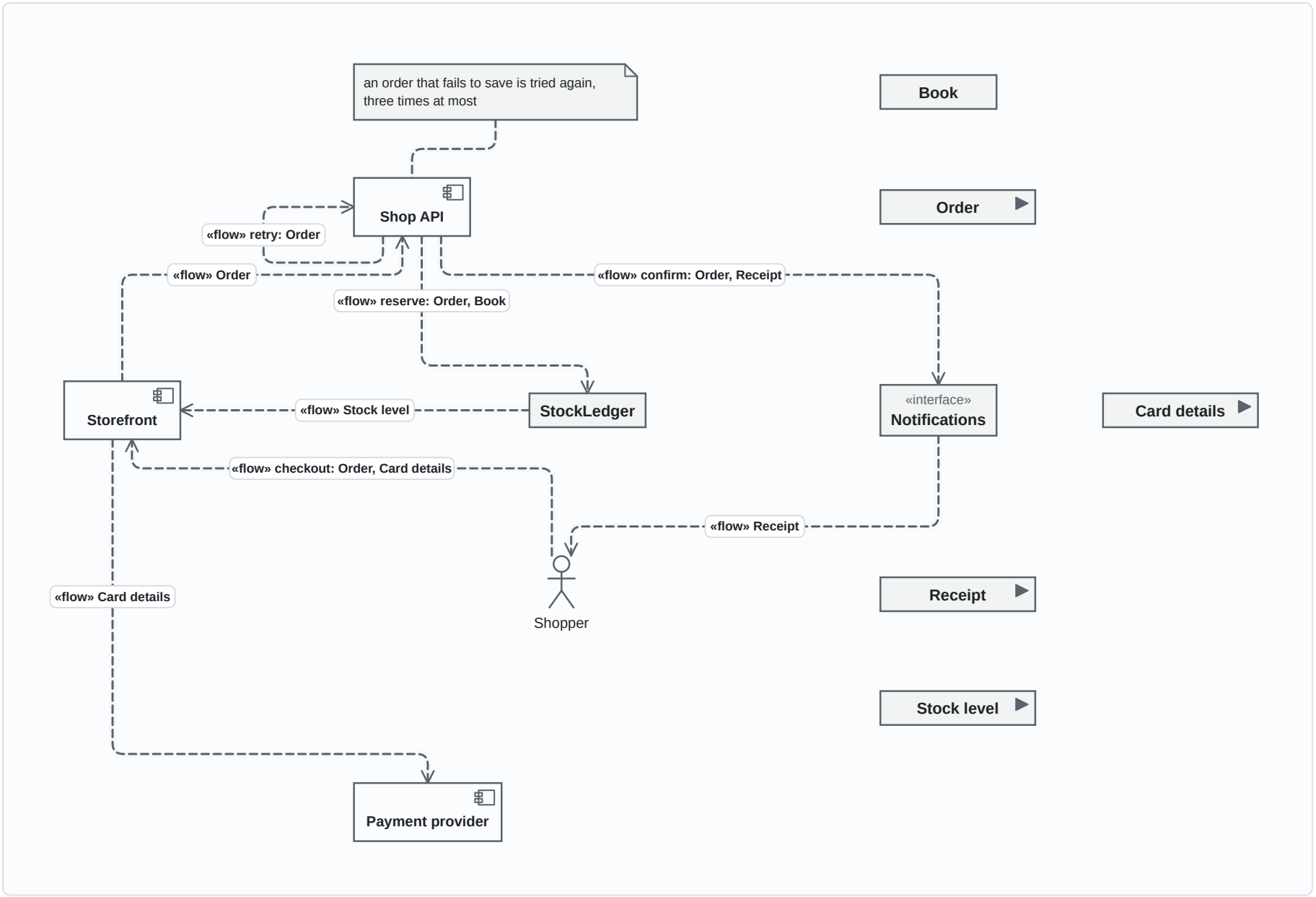
Legend --> **Information flow** «flow»: what travels from one end to the other ---- **Comment link** what a comment is about

Elements 12

Card	Kind	Members
Shopper	Actor	
Storefront	Component	
Shop API	Component	
Payment provider	Component	
StockLedger	Class	
Notifications	Interface	
Book	Class	Shop API → StockLedger
Order	Information item	Shopper → Storefront Storefront → Shop API Shop API → Shop API Shop API → StockLedger Shop API → Notifications
Card details	Information item	Shopper → Storefront Storefront → Payment provider
Receipt	Information item	Shop API → Notifications Notifications → Shopper
Stock level	Information item	StockLedger → Storefront
an order that fails to save is tried again, three times at most	Comment	

Lines 9

From → to	Label	Kind
Shopper → Storefront	checkout: Order, Card details	Information flow
Storefront → Payment provider	Card details	Information flow
Storefront → Shop API	Order	Information flow
Shop API → Shop API	retry: Order	Information flow
Shop API → StockLedger	reserve: Order, Book	Information flow
StockLedger → Storefront	Stock level	Information flow
Shop API → Notifications	confirm: Order, Receipt	Information flow
Notifications → Shopper	Receipt	Information flow
an order that fails to save is tried again, three times at most → Shop API		Comment link



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