# Component diagram

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

2 views · 13 cards · 12 lines

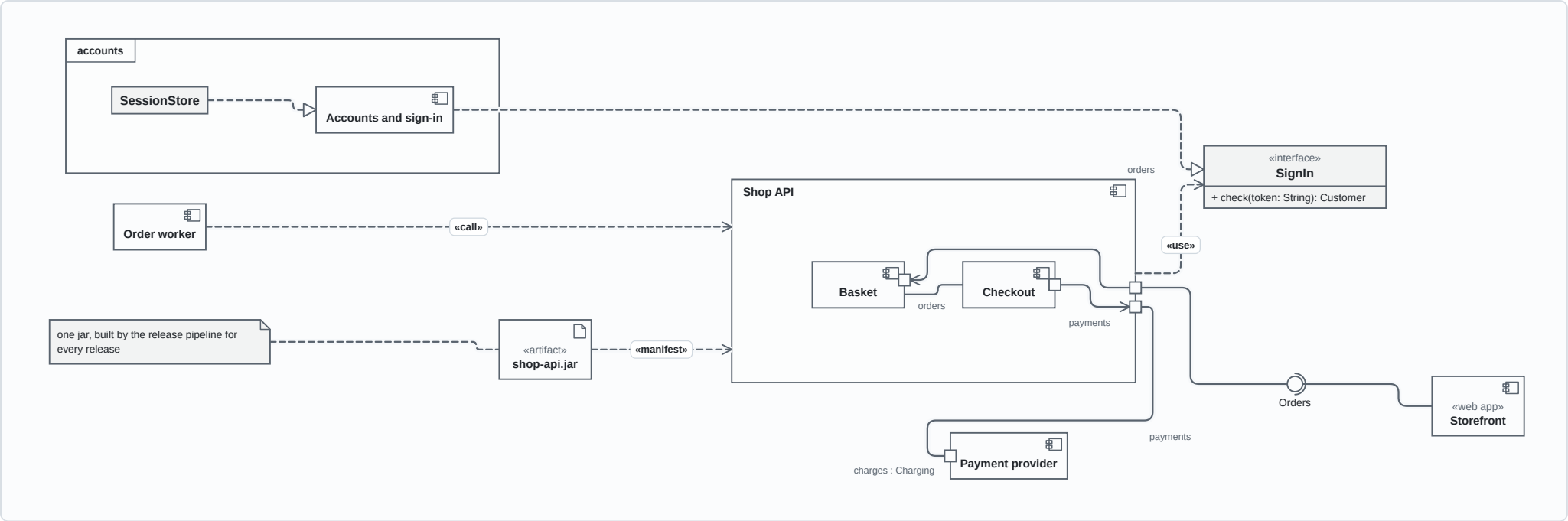
**Contents**


The bookshop's components 2

The same components, laid out down 4

# The bookshop's components

13 cards · 12 lines




**Legend** —○ **Realization** provides the interface drawn as a ball (its stem) —( **Usage** requires the interface: a socket round its ball --▷ **Realization** provides the interface it points to
--> **Usage** requires the one it points to --▷ **Component realization** realizes the component it points to —— **Assembly** joins what one part requires to what another provides
—> **Delegation** passes on, inward or out, what a port takes or needs --> **Dependency** uses the one it points to --> **Manifestation** the artifact is the component's file
---- **Comment link** what a comment is about

## Elements 13

| Card | Kind | Members |
|---|---|---|
| **accounts** | Package | |
| **Storefront** | Component | |
| **Shop API** | Component | orders, provides Orders<br>payments |
| **Basket** | Component | orders |
| **Checkout** | Component | payments |
| **Accounts and sign-in** | Component | |
| **SessionStore** | Class | |

## Elements 13 (continued)

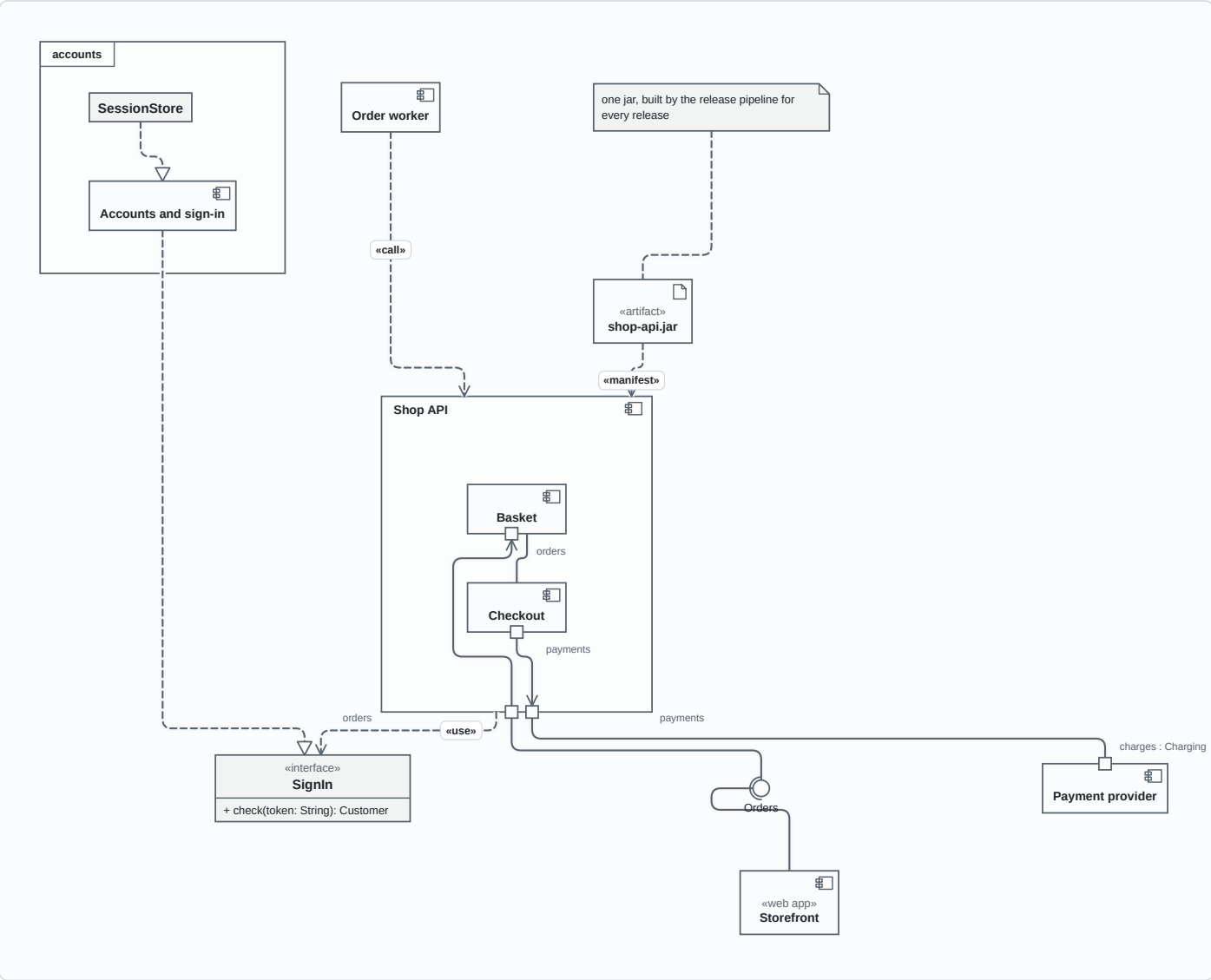
| Card | Kind | Members |
|---|---|---|
| **Payment provider** | Component | charges : Charging |
| **Order worker** | Component | |
| **Orders** | Interface | |
| **SignIn** | Interface | + check(token: String): Customer |
| **shop-api.jar** | Artifact | manifests Shop API |
| **one jar, built by the release pipeline for every release** | Comment | |

# The bookshop's components (continued)



## Lines 12

| From → to | Label | Kind |
|---|---|---|
| Storefront → Orders | | Usage |
| Basket → Checkout | Assembly from Basket to Checkout | Connector |
| Accounts and sign-in → SignIn | | Interface realization |
| Shop API → SignIn | | Usage |
| SessionStore → Accounts and sign-in | | Component realization |
| Order worker → Shop API | | Dependency |
| shop-api.jar → Shop API | | Manifestation |
| one jar, built by the release pipeline for every release → shop-api.jar | | Comment link |
| Shop API → Orders | | Interface realization |
| Shop API → Basket | Delegation from orders of Shop API to orders of Basket | Connector |
| Checkout → Shop API | Delegation from payments of Checkout to payments of Shop API | Connector |
| Shop API → Payment provider | Assembly from payments of Shop API to charges of Payment provider | Connector |




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