ibexa

Summit 25

From Headless to Headful

DARIUSZ SZUT

About me

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Path of Exile ~~player~~ fan

ibexa

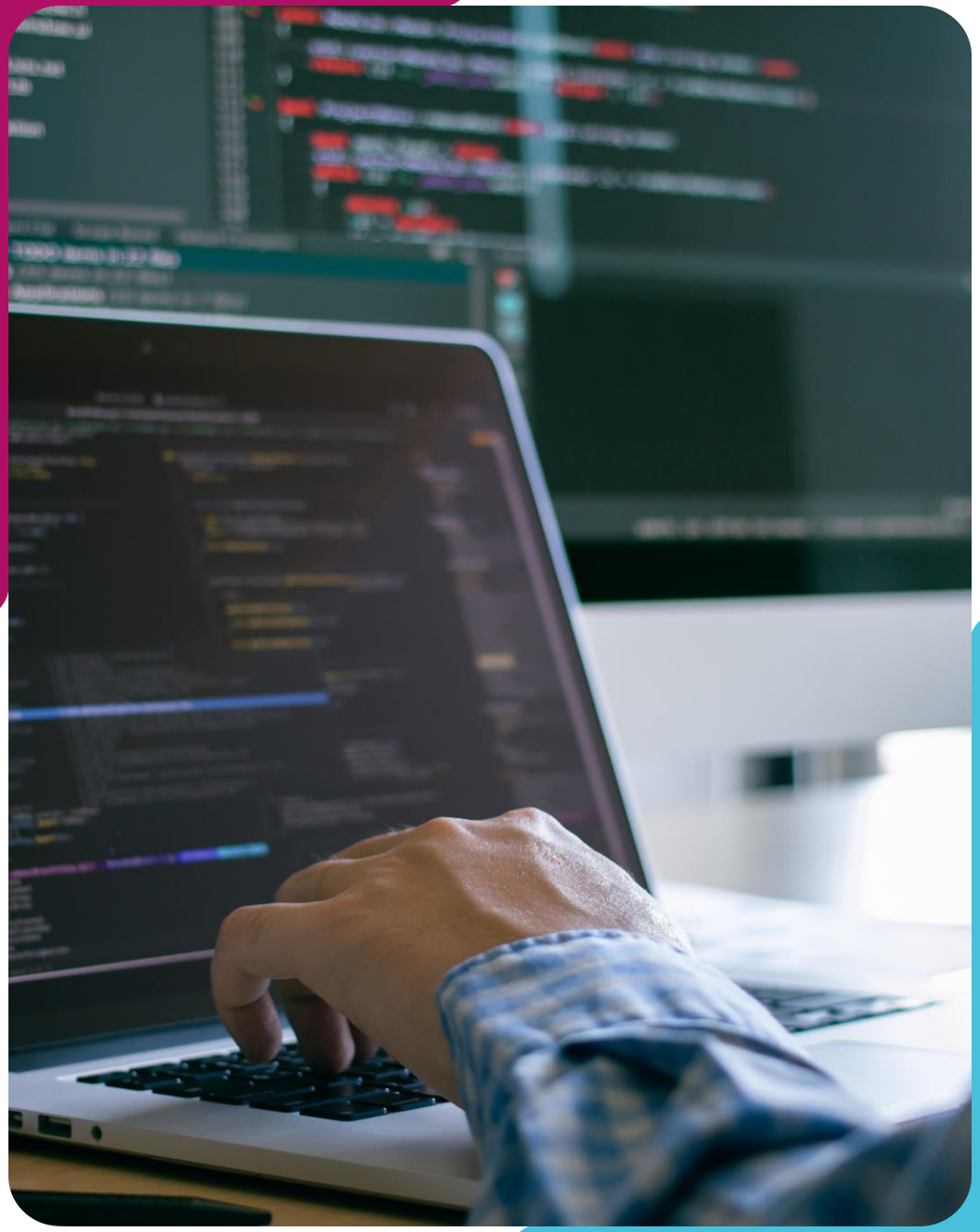
Agenda

- REST API
- Use case
- Demo
- Q&A

REST API

REST API in Ibexa DXP

- The REST API in Ibexa DXP allows you to interact with an Ibexa DXP installation by using the HTTP protocol, following a REST interaction model.
- Each resource (URI) interacts with a part of the system (like content, users or search).
- Every interaction with the repository than you can do from back office or by using the Public PHP API can also be done with the REST API.



Request headers

`Accept`

Describing the desired response type and format

`Content-Type`

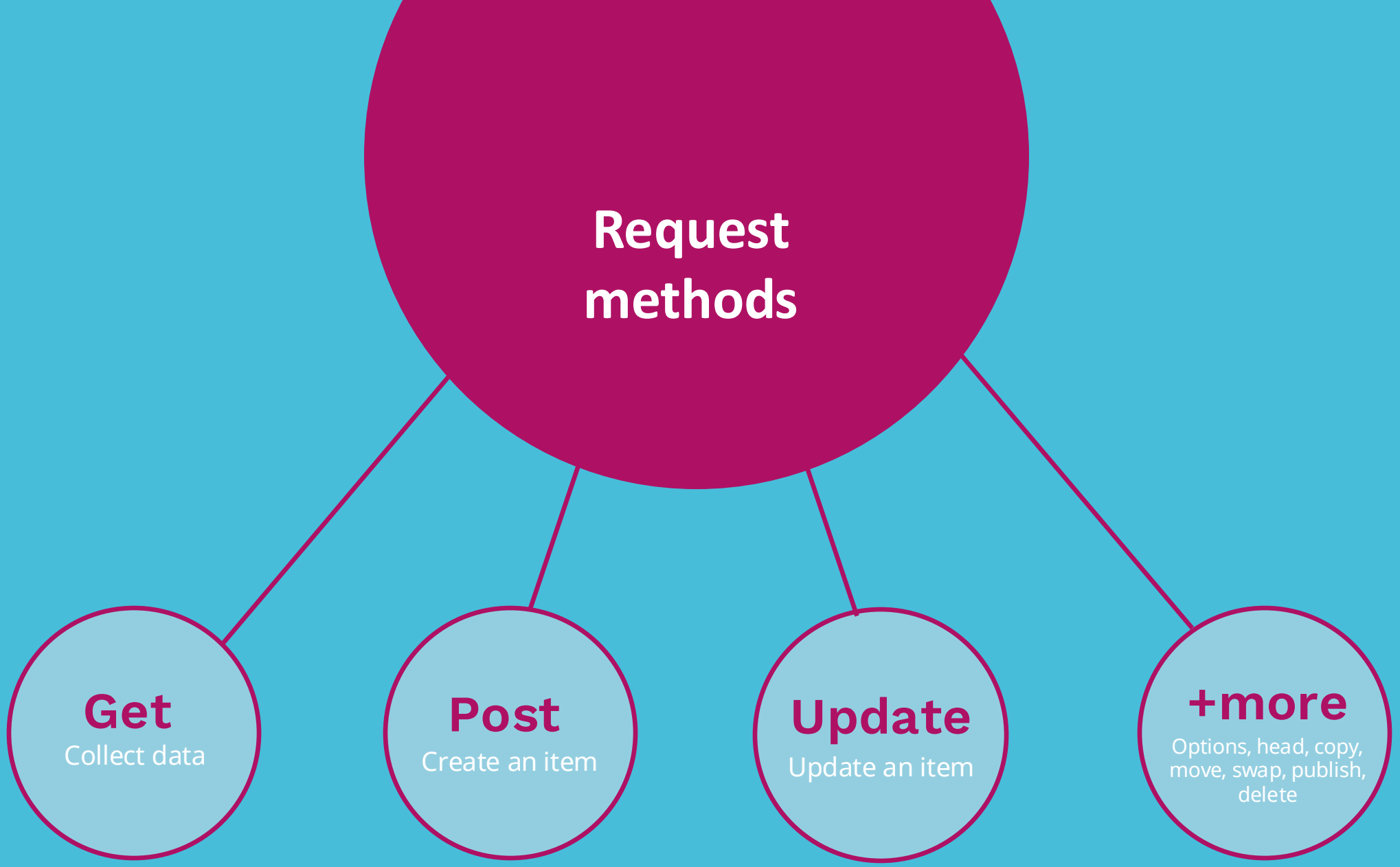
Describing the payload type and format

`X-Siteaccess`

Specifying the target SiteAccess. If omitted the default SiteAccess is used

`X-CSRF-Token`

The CSRF token for security


Request methods
Get
Collect data
Post
Create an item
Update
Update an item
+more
Options, head, copy, move, swap, publish, delete

Request example

```
const request = new Request('/api/ibexa/v2/user/sessions', {
        method: 'POST',
        headers: {
            Accept: 'application/vnd.ibexa.api.Session+json',
            'Content-Type': 'application/vnd.ibexa.api.SessionInput+json',
        },
        body: JSON.stringify({
            SessionInput: {
                login: 'admin',
                password: 'secret',
            },
        }),
    });

fetch(request).then((response) => response.json());
```

Response example


```
{
    "Session": {
        "name": "eZSSID",
        "identifier": "go327ij2cirpo59pb6rrv2a4el2",
        "csrfToken": "23lkneri34ijajedfw39orj3j93",
        "User": {
            "_href": "/user/users/14",
            "_media-type": "application/vnd.ibexa.api.User+json"
        }
    }
}
```

Documentation

- Developer Documentation:

  https://doc.ibexa.co/en/latest/api/rest_api/rest_api_usage/rest_api_usage/

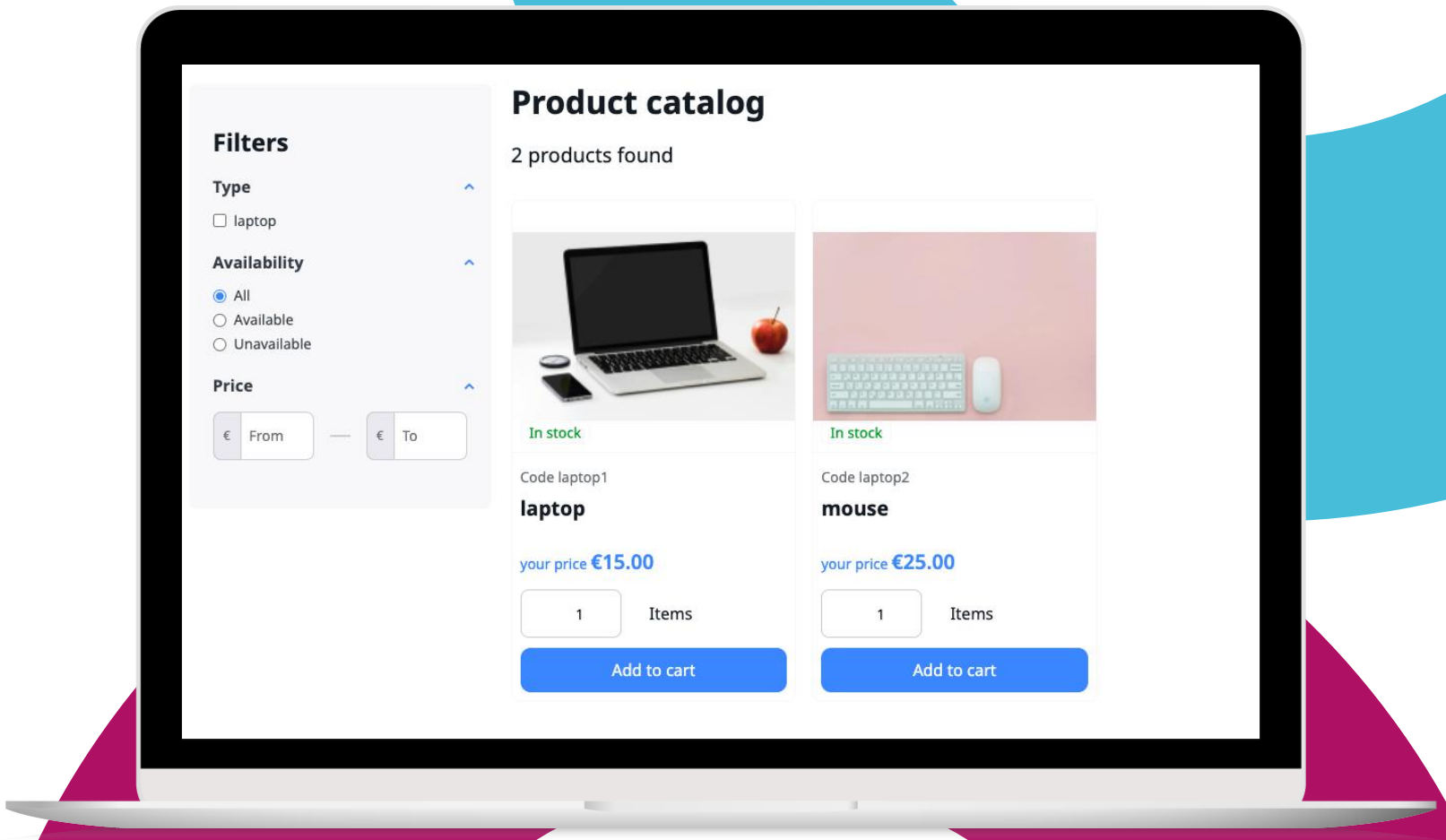
- Ibexa REST API Doc:

  https://doc.ibexa.co/en/latest/api/rest_api/rest_api_reference/rest_api_reference.html

Use Case

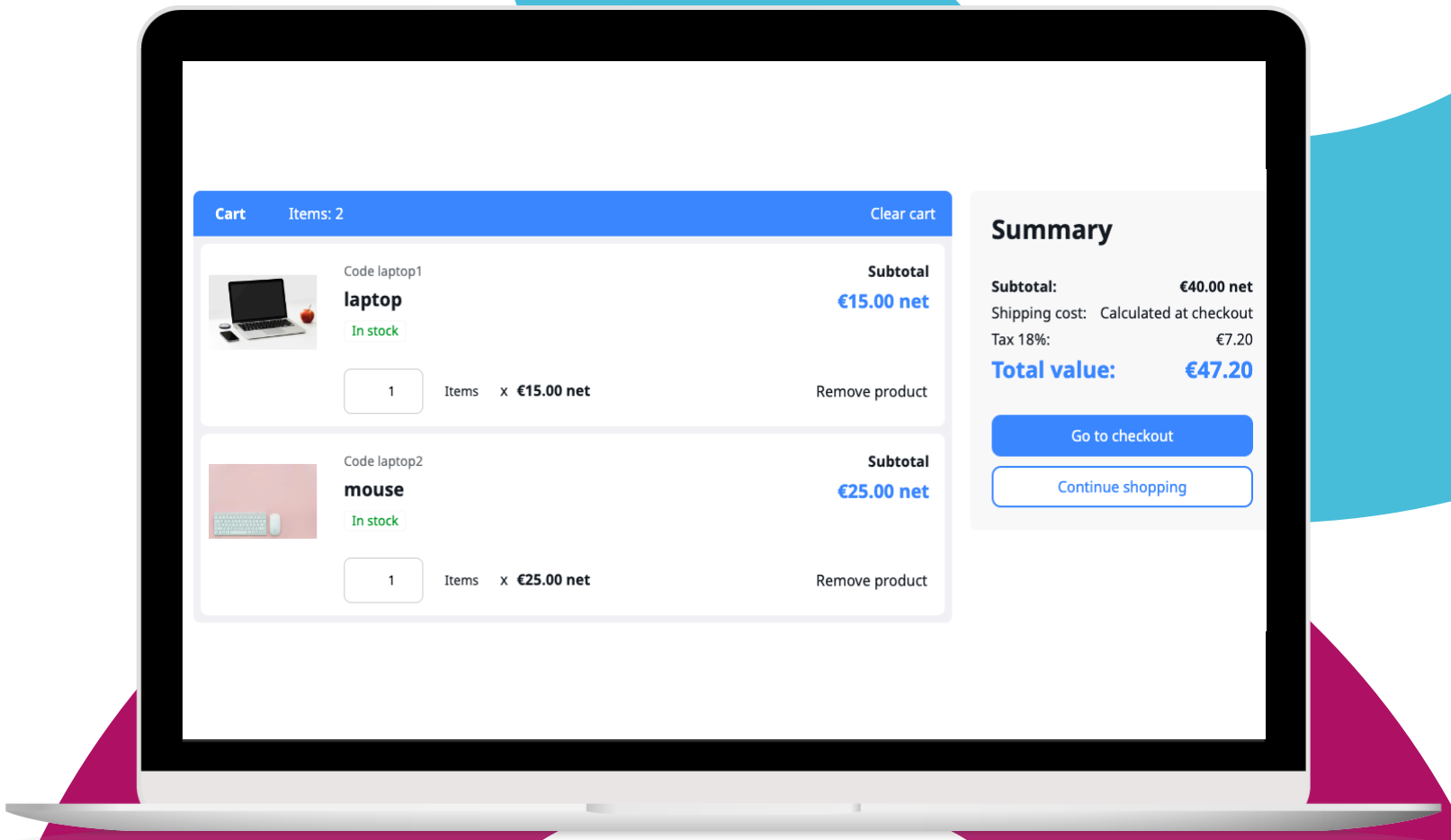
Product list page

- Product information
- Price
- Filters
- Search
- Add to cart button



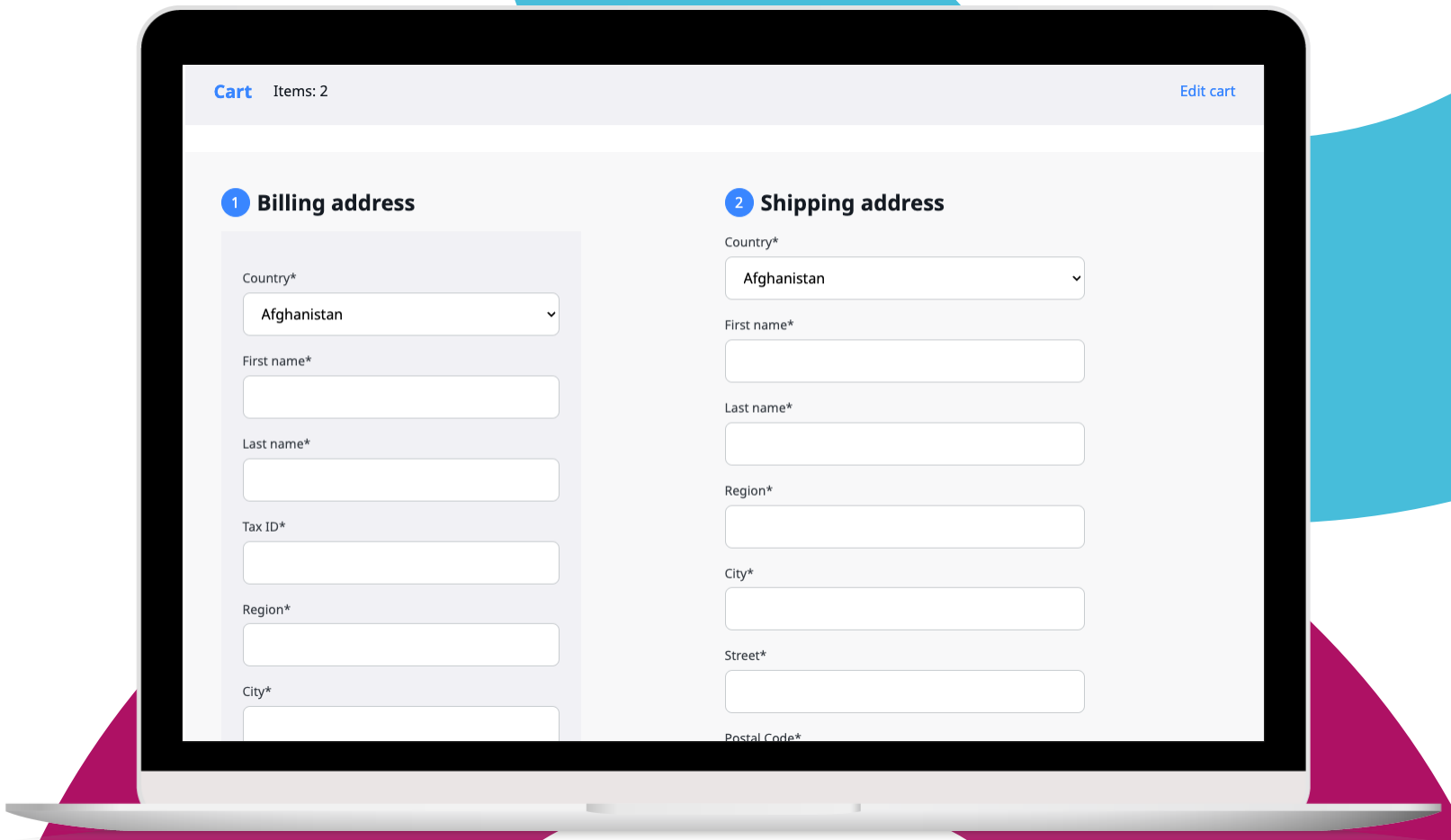
Cart page

- Product information
- Unit Price
- Quantity
- Summary info
- Vat Rates



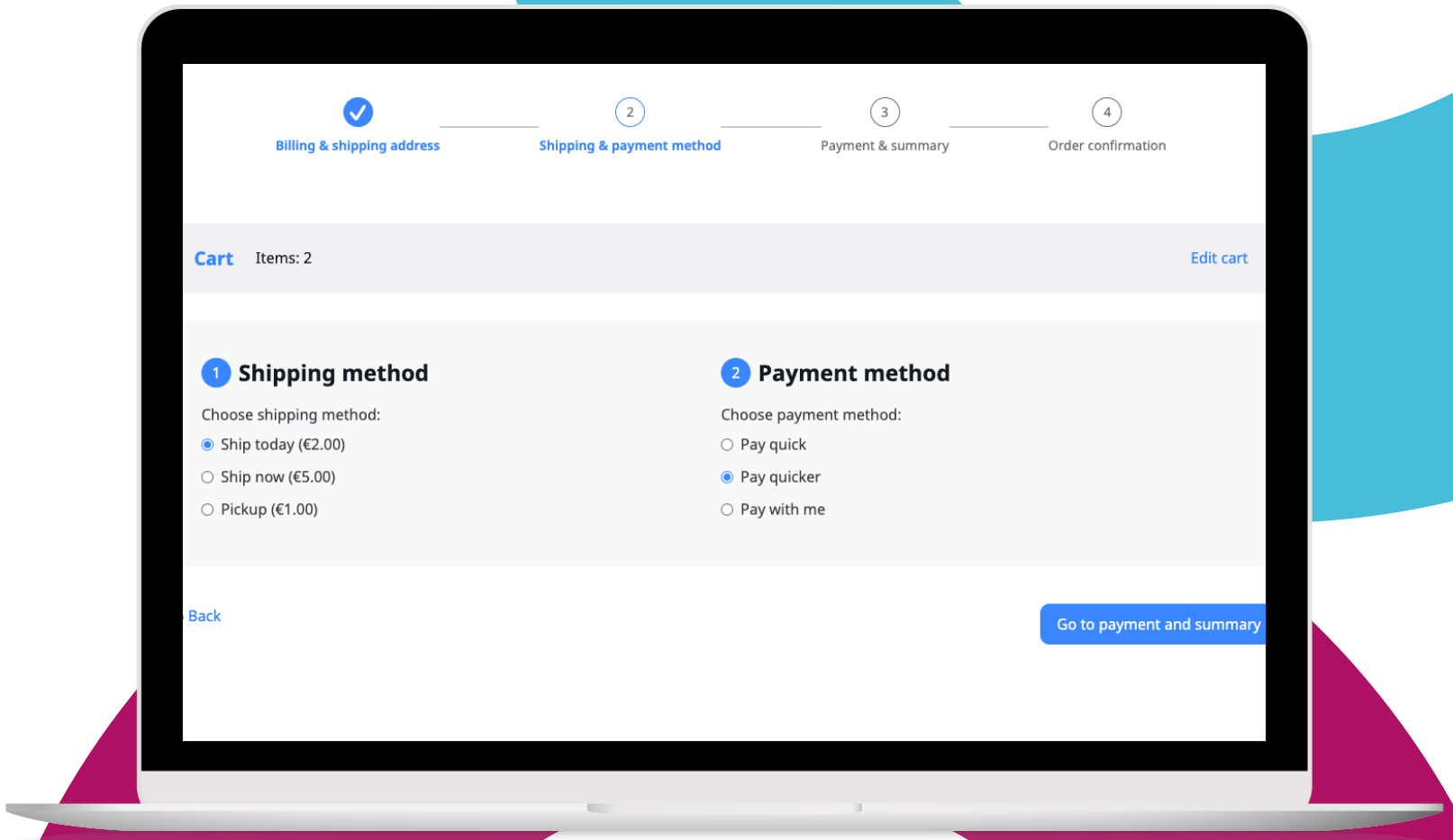
Checkout - address

- Billing address
- Shipping address



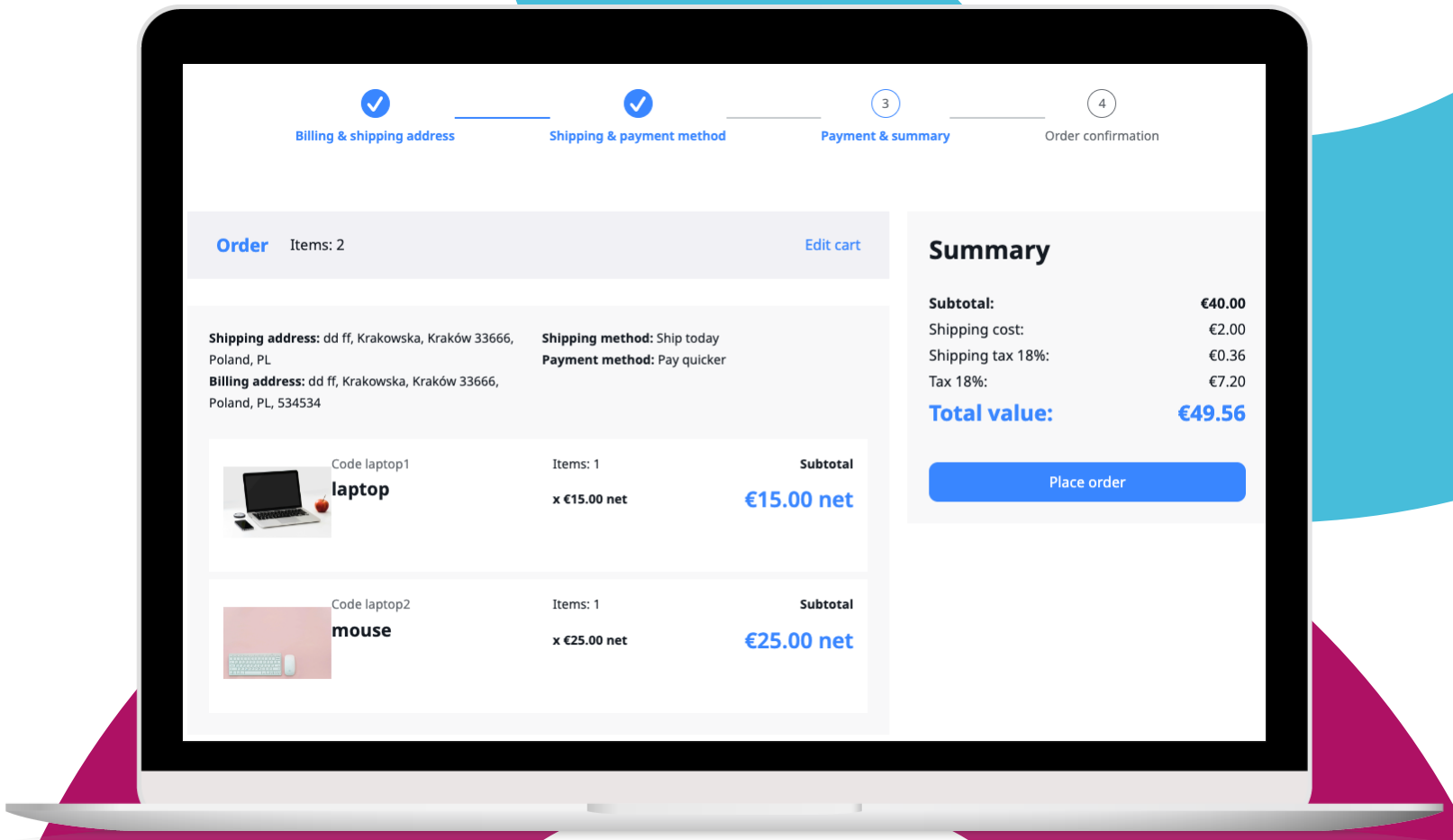
Checkout – shipping and payment

- Shipping method
- Payment method



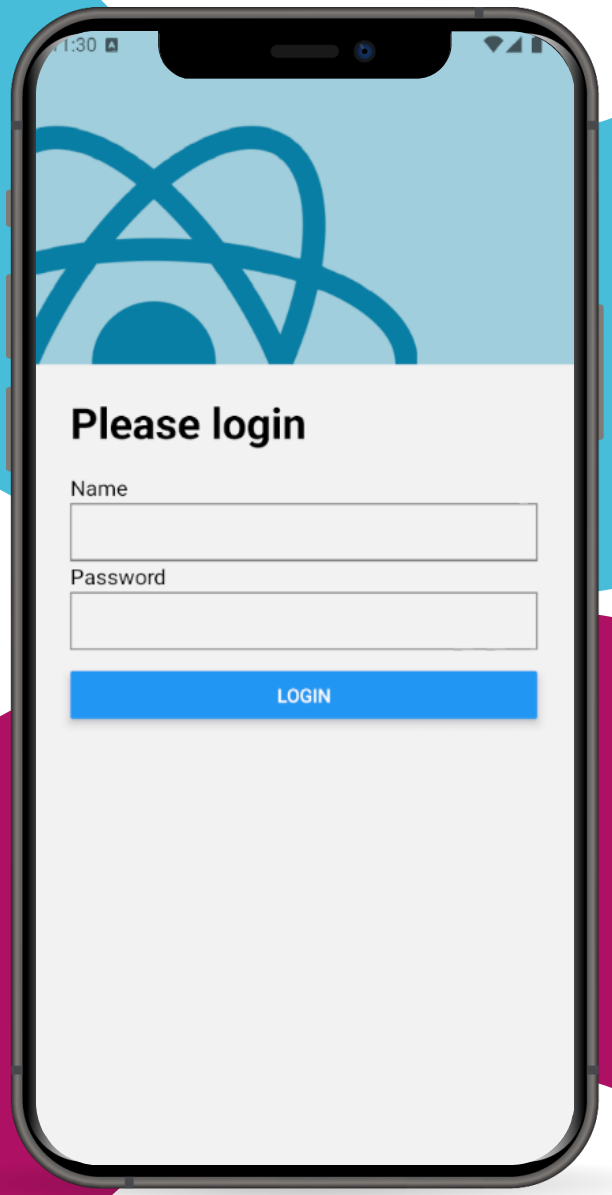
Checkout – summary

- Product information
- Address data
- Selected shipping method
- Selected payment method
- Total costs summary

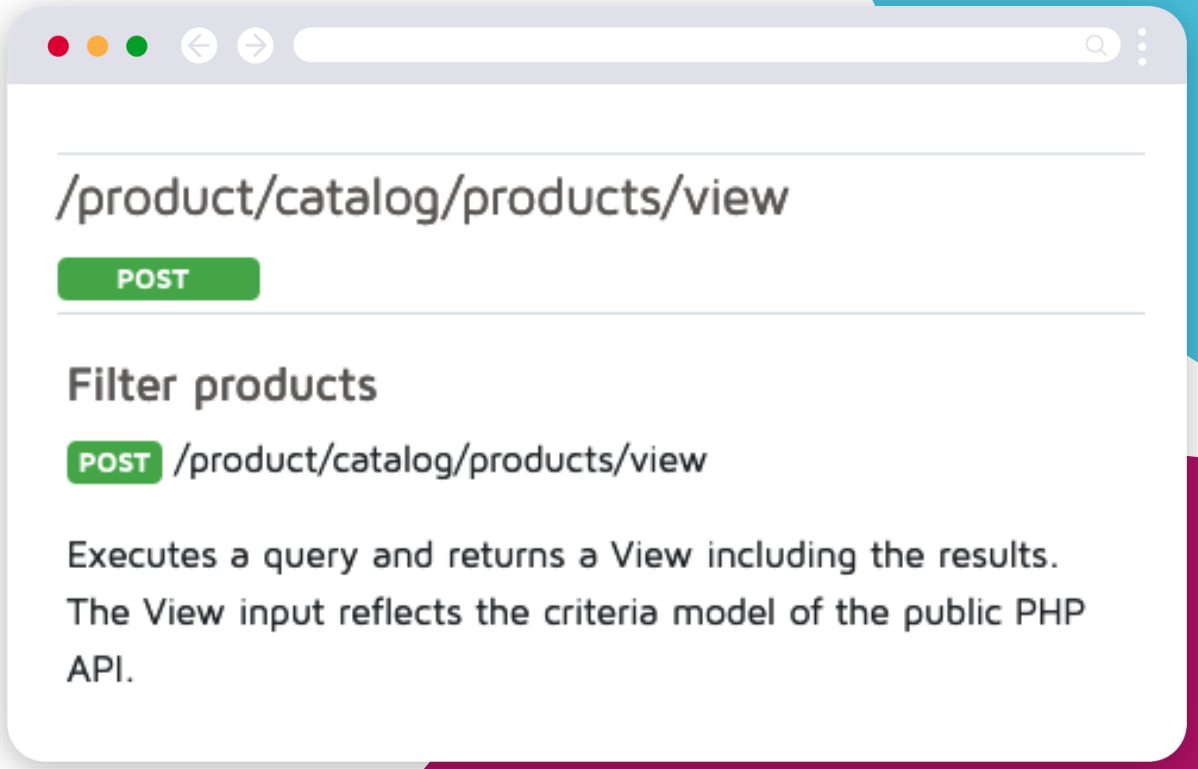


Mobile app?

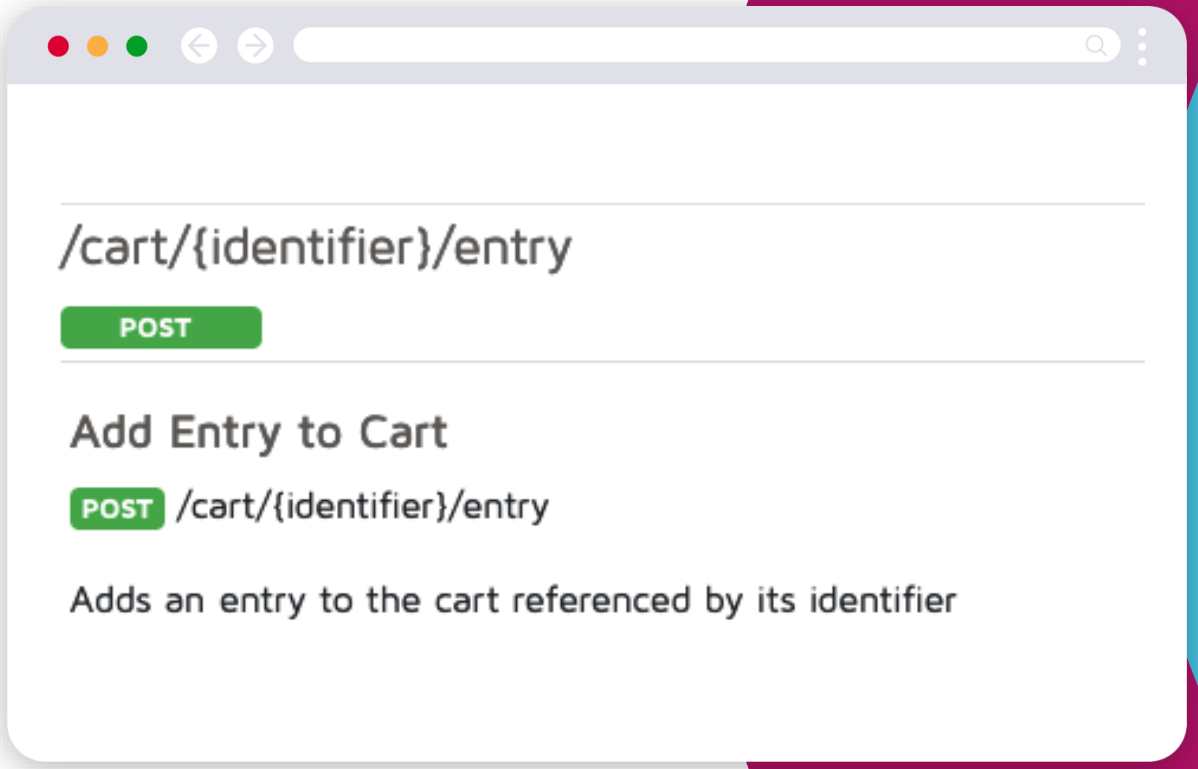
- Ibexa REST API
- React Native
- Expo Framework



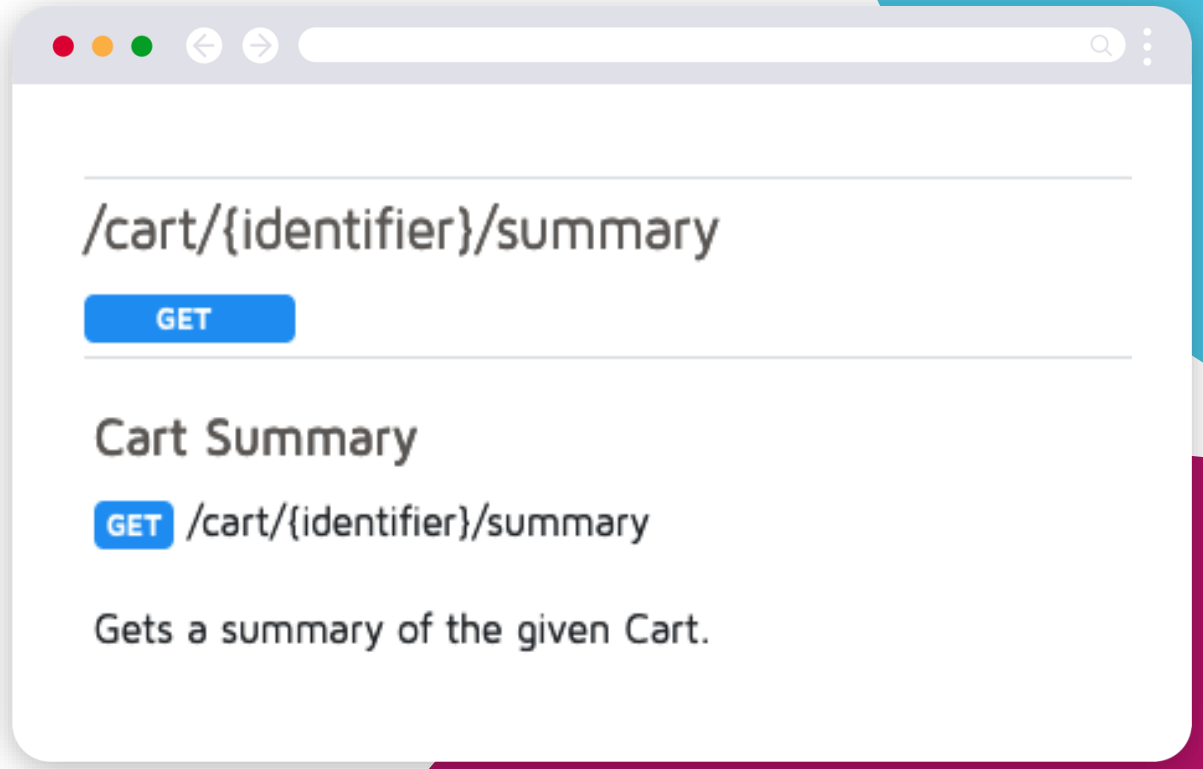
List products



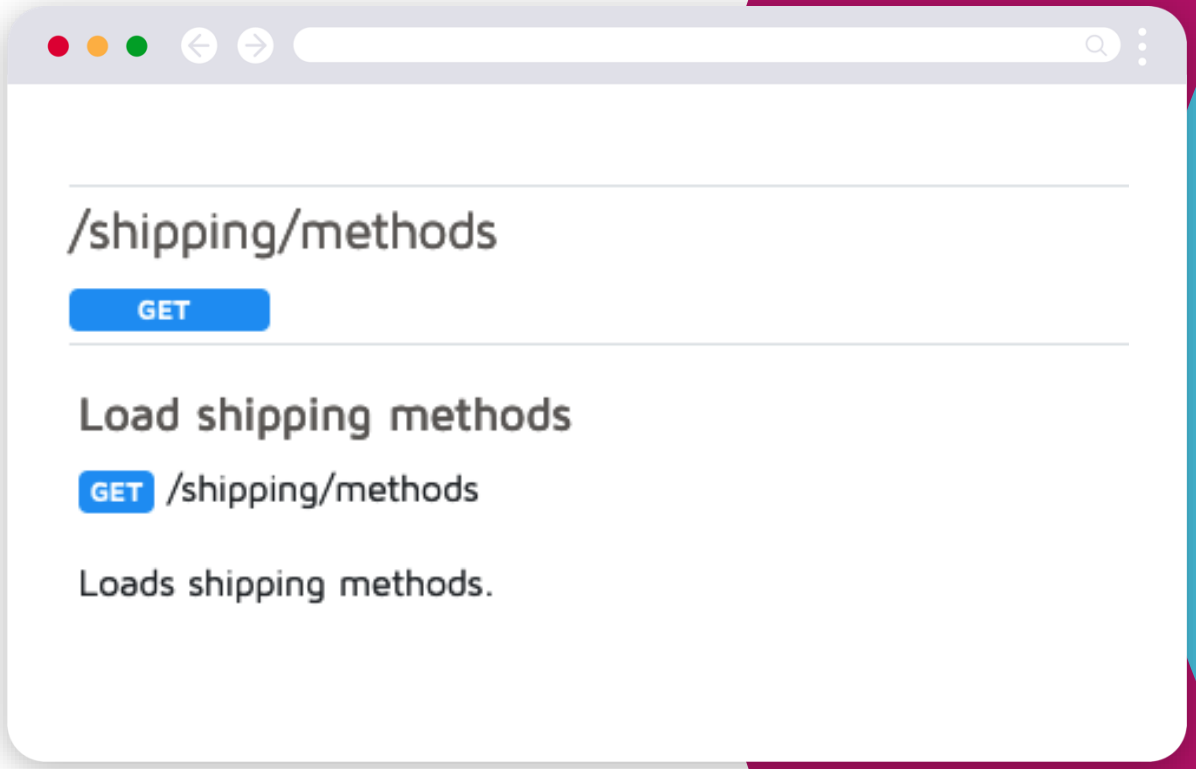
Cart entry


/cart/{identifier}/entry
POST
Add Entry to Cart
POST /cart/{identifier}/entry
Adds an entry to the cart referenced by its identifier

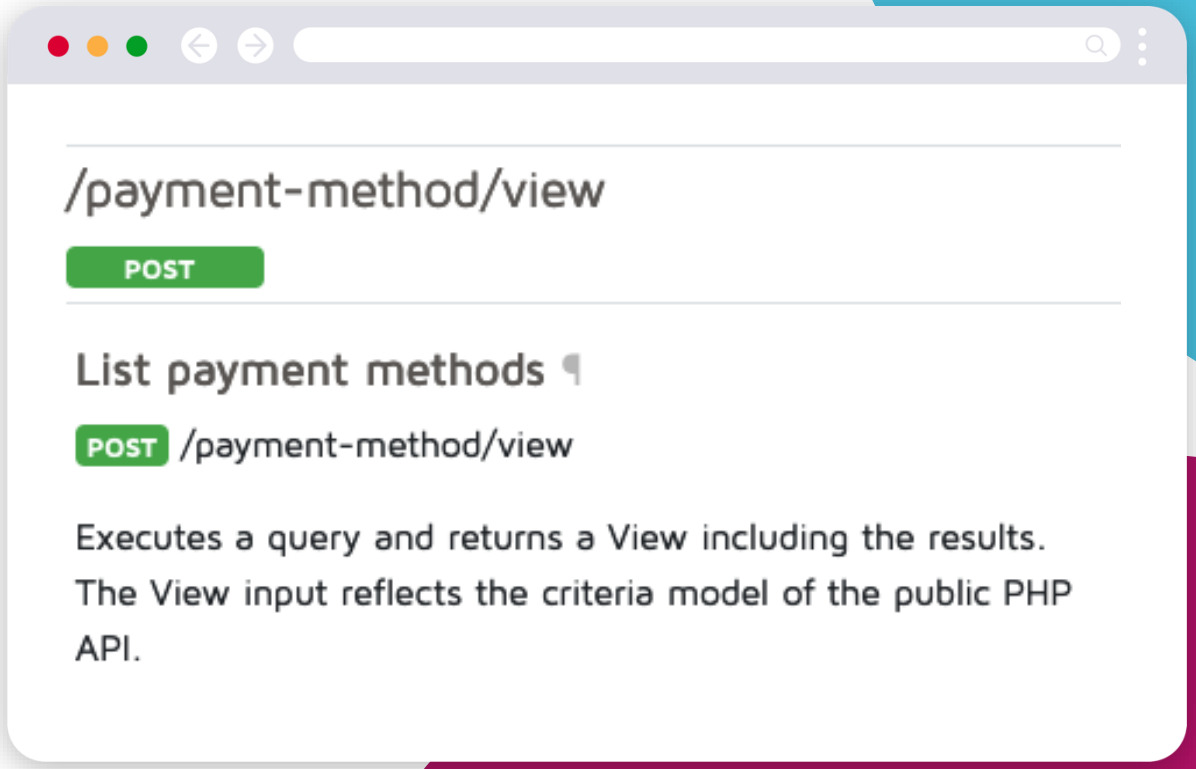
Cart summary



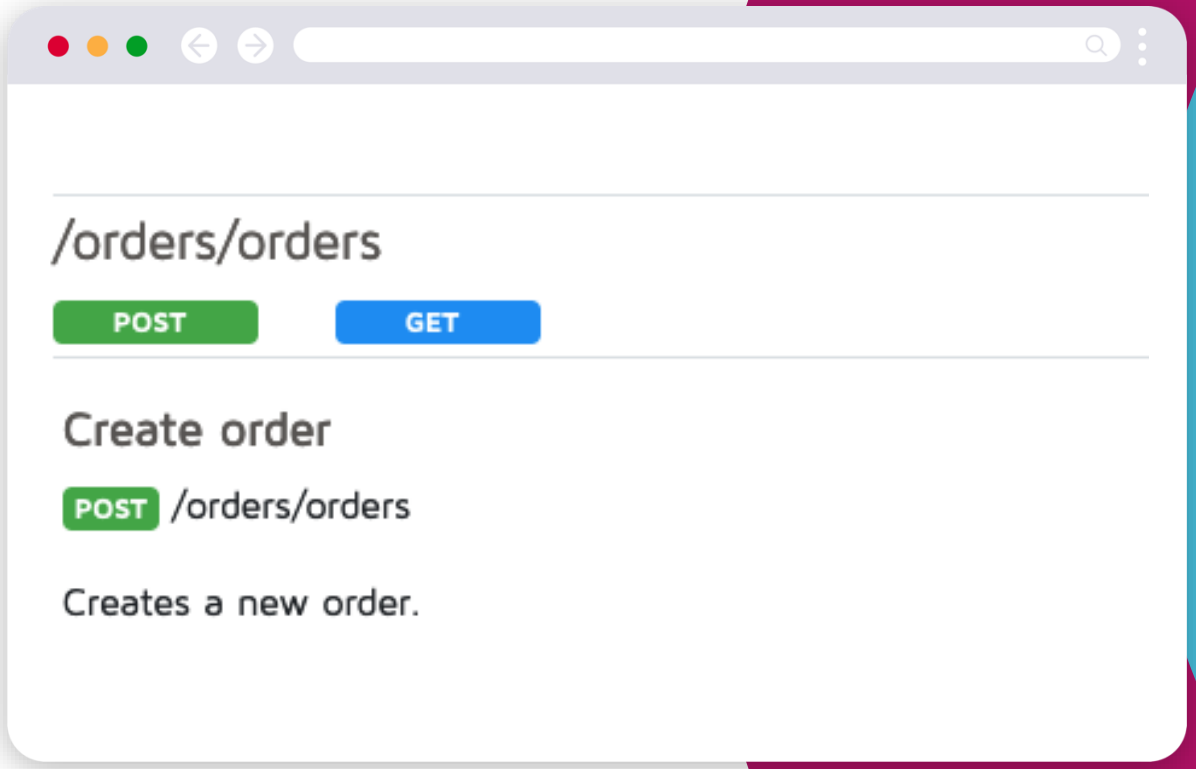
Shipping methods



Payment methods



Create order



Demo

Summary

Q&A

Thank you!