LINK\_ int\_external\_customer\_data

***Version <22.7.0>***

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1. Introduction

* Overview of the "Link\_external\_customer\_data" cartridge
* Purpose of integration with the REST service
* Technologies used (Heroku, JSON server, SFCC)

2. REST Service Integration

* Description of the REST service
* CRUD operations supported (GET, CREATE, UPDATE, DELETE)
* Endpoint details and functionalities:

- host: <https://json-server-app-707ded616226.herokuapp.com>

3. Data Collections in the External Database

* Customers collection:

**/customers**

* email
* first name
* last name
* phone number
* Addresses of customers:

**/addressBook**

* address title
* first name
* last name
* phone number
* city
* address 1
* address 2
* country
* postal code
* state code
* Shipping and billing addresses of the customer(guest or registered) :

**/ shippingAndBillingAddress**

* customer email
* shipping data

* + - first name
    - last name
    - full name
    - phone number
    - city
    - address 1
    - address 2
    - country code
    - postal code
    - state code

* billing data
* first name
* last name
* full name
* phone number
* city
* address 1
* address 2
* postalc ode
* state code
* Extend customer`s data with addressbook:

[**/customers?\_embed=addressBook**](https://json-server-app-707ded616226.herokuapp.com/customers?_embed=addressBook)

* Extend customer`s data with shipping and billing addresses: **/customers?\_embed=shippingAndBillingAddress**

4. Data Flow and Storage

* When a customer is creating a profile
* When a customer is updating his own existing profile
* When a customer is creating an address
* When a customer is deleting an existing address
* When a customer is placing an order
* When unregistered customer is placing an order
* When unregistered customer is creating a profile after placing an order

5. Logging mechanism between SFCC and the REST service

6. Integration with SFCC

* "Link\_external\_customer\_data" cartridge extends SFCC logic

7. Usage Instructions

* + Step-by-step guide on using the "Link\_in\_external\_customer\_data" cartridge
  + Instructions for developers to integrate or contribute to the cartridge