

BACK-END CHALLENGE

Download

- amaro.war: <https://github.com/ricgrein/desafio/blob/master/files/amaro.war>
- postman_collection: https://github.com/ricgrein/desafio/blob/master/files/productApi.postman_collection.json

Import Git project

Go to the project directory on the Terminal.
Execute the following commands,

- git init
- git clone <https://github.com/ricgrein/desafio.git>

Deploy on Tomcat

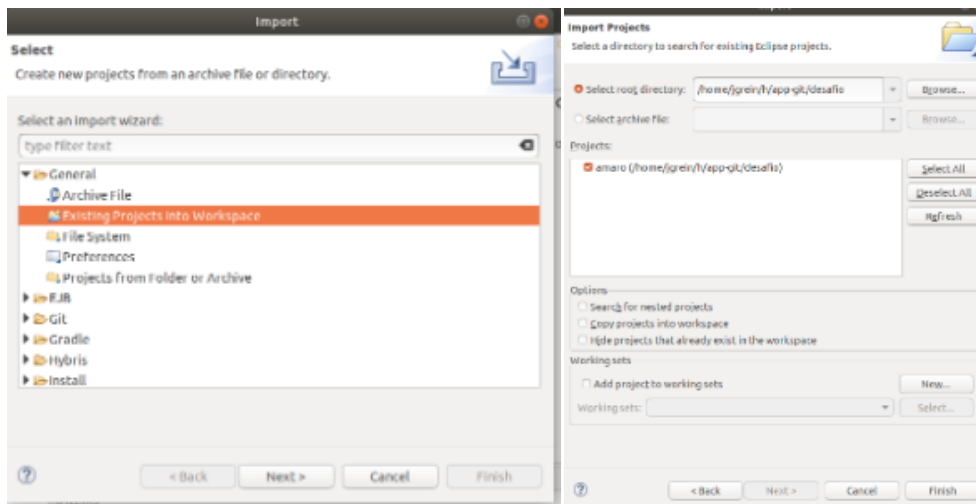
- Choose the file “amaro.war”.
- Put the file on the Tomcat directory \${tomcat}/webapps, to be deployed.
- Done!

Import on Eclipse (war file)

- Click with the right button > import > War file.
- Choose the file “amaro.war”.
- Click on “Finish”.

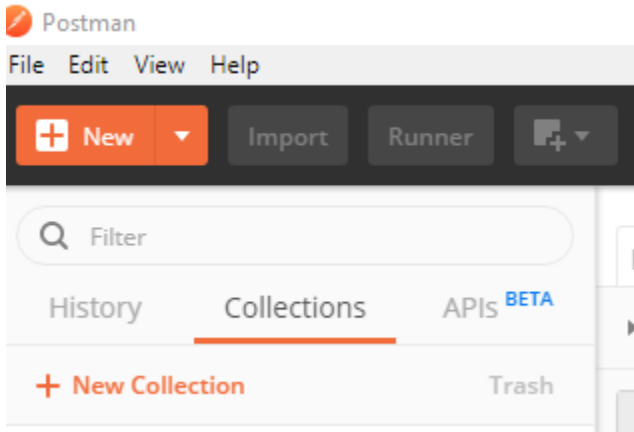
Import on Eclipse

- Click with the right button > import > General > Existing Project into Workspace.
- Choose the git project directory.
- Click on “Finish”.

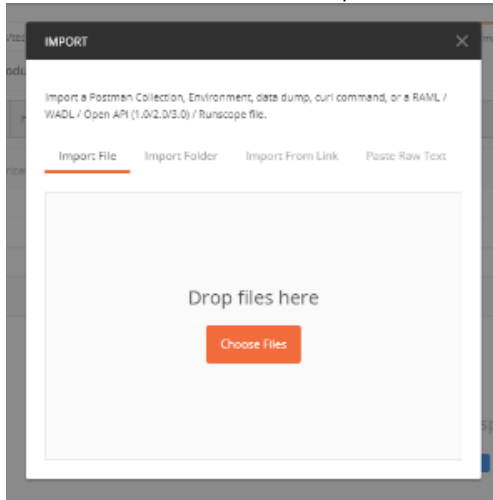


Import Postman collection

- Click on "Import" button,



- Click on "Choose File" and choose "postman_collection",



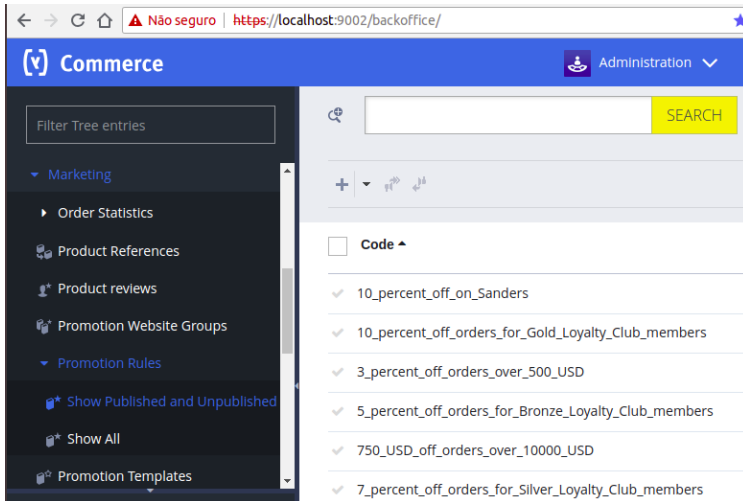
- Execute "local/update-products", to create the products, (according to the file present on the challenge (<https://goo.gl/86o0pL>)).
- Execute "local/similar-products" to get 3 most similar products from the product Id passed on the url.

Ex: <http://localhost:8080/amaro/api/service/similarproducts/{productId}>

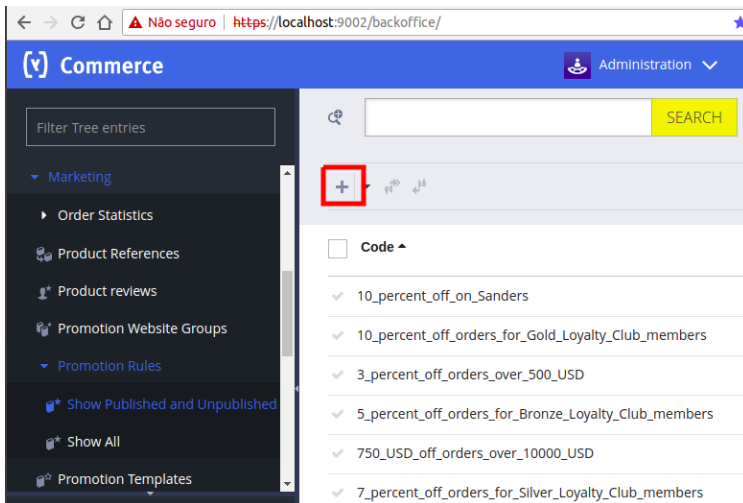
Part 2: SAP CX

2 - Customization of promotion in SAP CX

Log on the Backoffice. Navigate to "Marketing > Promotion Rules Show Published and Unpublished",



Click Create New Promotion Rule,



Enter Code and Name, click on "Done",

A screenshot of the 'Create New Promotion Rule' dialog box. The dialog has a title bar with a close button. Below the title bar, there is a section labeled 'PROMOTION SOURCE RULE'. Under this section, there are two input fields: 'Code:' and 'Name:'. The 'Code:' field is highlighted with a red border and has a red error icon (a circle with an exclamation mark) next to it. The 'Name:' field is empty. At the bottom right of the dialog, there is a 'CANCEL' button.

Open the created promotion. Enter the information on the following fields.

- Name
- Description

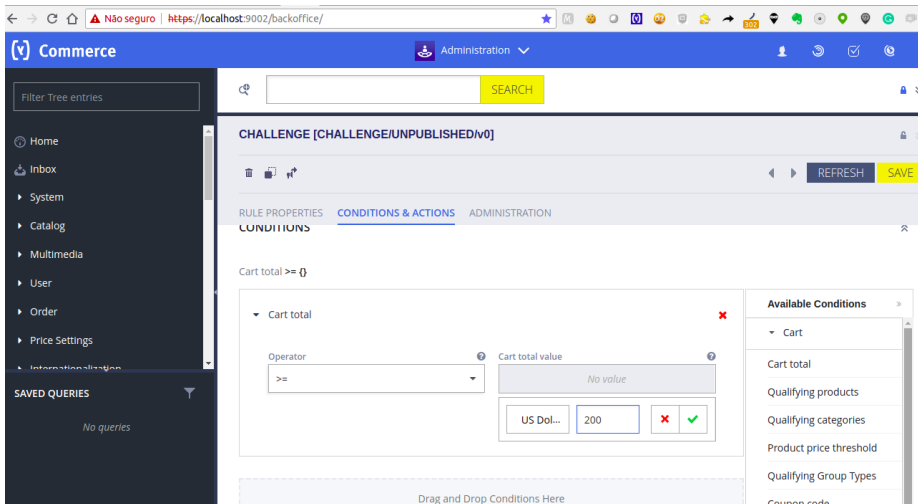
- Priority: 5
- Rule Group: customerPromotionRuleGroup
- Website: \${site}

Open the "Conditions & Actions tab".

From the Available "Conditions" panel, drag the "Cart total" condition and drop it in the Conditions area.

Expand the "Cart total" condition.

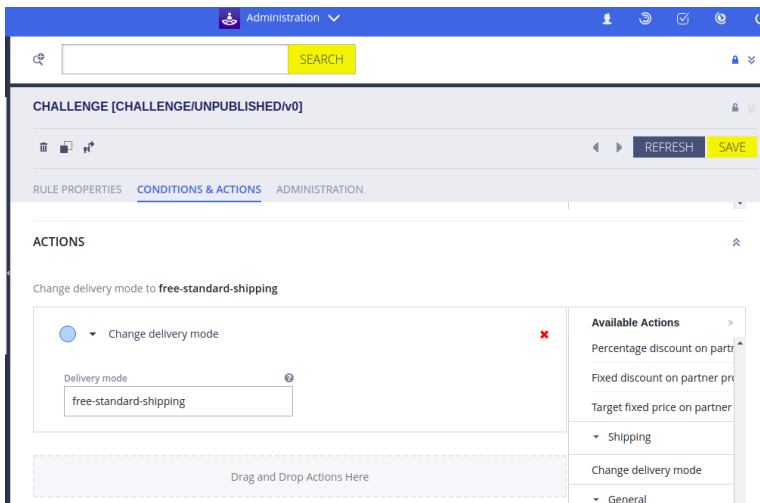
Choose Currency (US Dollar) and value (≥ 200).



From the Available Actions area,

drag the Add "Shipping > Change delivery mode" and drop it to the Actions area.

In the Actions area, expand the "Change delivery mode" field and select "free-standard-shipping".



Click Save.

Click Publish Rule, and select the promotions-module from the dropdown list.


Test

Cart value is greater than \$ 200,00, delivery cost \$ 0,00,

[↩](#) [→](#) [🏠](#) [⚠️ Não seguro | https://localhost:9002/yacceslatorstorefront/electronics/en/cart](#) ☆ 🔄 🔍 📄 🗑️ 🛒 📶 🌐 📱 🖨️ ⌨️

[CONTINUE SHOPPING](#)
[CHECK OUT](#)

[EXPORT CSV](#) 1 Item | \$208.24

ITEM (STYLE NUMBER)	PRICE	QTY	DELIVERY	TOTAL
 Photosmart E317 Digital Camera 300938 In Stock oi Teste Promotion.	\$114.12	<input type="text" value="2"/>	SHIP	\$228.24

[EXPORT CSV](#)

Received Promotions

Buy over \$200.00 get \$20.00 discount on cart

COUPON CODE

[APPLY](#)

Subtotal:

Delivery:

Order Discounts:

ORDER TOTAL

\$208.24

FREE

- \$20.00

\$208.24

Cart value is less than \$ 200,00,

[NÃO SEGURO](#) | <https://localhost:9002/yacceleratorstorefront/electronics/en/cart>

HOME / CART


Product quantity has been updated.

[Help](#)

Cart | ID: 00000000 NEW CART

CONTINUE SHOPPING
CHECK OUT

[EXPORT CSV](#) 1 Item | \$123.11

ITEM (STYLE NUMBER)	PRICE	QTY	DELIVERY	TOTAL
 Photomart E317 Digital Camera 300938 In Stock	\$114.12	1	SHIP	\$114.12

[EXPORT CSV](#)

COUPON CODE

APPLY

Subtotal:

Delivery:

\$114.12

\$8.99

3 - Integration to TMS

Extend the class "DefaultCheckoutFacade",

- Overriding the method "getSupportedDeliveryModes", to get the Quoting freight price.
- Override the methods "placeOrder" or "beforePlaceOrder", to create the shipping order in the TMS.