Website Content: https://shopizer-ecommerce.github.io/documentation

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URL: https://shopizer-ecommerce.github.io/documentation

Shopizer

Open source Java headless e-commerce

News

- Tailwind CSS / Tailwing components demo on the way
- We have a shop react app so you can test the software
- Moving towards service based Headless commerce
- We taking on new projects every semester
- Terraform automation scripts

Community

Join Shopizer Community on Slack

https://communityinviter.com/apps/shopizer/shopizer

If you want to be part of the community check the Contributing part

2. api/auth/index.html

URL: https://shopizer-ecommerce.github.io/documentation/api/auth/index.html

Authentication API Reference

Administration authentication

Administration API (/private) require authentication. Authentication is performed through an endpoint accepting administration username and password. Subsequent calls to all private api require the presence of a Bearer token in the request header.

Method:

POST

Url:

/api/v1/private/login

Body:

js

```
  {
    "username":"admin@shopizer.com",
    "password":"password"
  }
```

Response:

status: OK

code: 200

js

```
{
    "id": 1,
    "token": "...eyJhbGciOiJIUzUxMiJ9....."
}
```

Private (admin) api subsequent requests require the token to be sent in the request header

sh

```
curl --location --request GET 'http://localhost:8080/api/v1/private/produc
--header 'Authorization: Bearer ...eyJhbGciOiJIUzUxMiJ9.....' \
--header 'Content-Type: application/json'
```

Swagger documentations

All apis are described on Swaggerhub Shopizer repository

[Shopize Swagger Documentationhttps://app.swaggerhub.com/apis-docs/shopizer/shopizer-rest-api/3.0.1](https://app.swaggerhub.com/apis-docs/shopizer/shopizer-rest-api/3.0.1)

3. api/examples/index.html

URL: https://shopizer-ecommerce.github.io/documentation/api/examples/index.html

Product with variants

Products can be configured with characteristics. Characteristics are defined outside of the product and can used during the configuration of different products.

- [Product with variants](#)

4. api/examples/product-with-variants

URL: https://shopizer-ecommerce.github.io/documentation/api/examples/product-with-variants

Product Configuration Example

HEADPHONES

SimBeats EP

The preferred choice of a vast range of acclaimed DJs. Punchy, bass-focused sound and high isolation. Sturdy headband and on-ear cushions suitable for live performance

Color

Cable configuration

Straight   Coiled   Long-coiled

? How to configurate your headphones

148$ Add to cart

An eaxample for the creation of a product with variants

Create Brand

Description:

API for creating a manufacturer / Brand

Method:

POST

Url:

/api/v1/private/manufacturer

Body:

js

```json
{
  "code" : "simbeats",
  "order" : 1,
  "descriptions" : [
      {
        "language" : "en",
        "name" : "SimBeats"
      },
      {
        "language" : "fr",
        "name" : "SimBeats"
      }
  ]
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 50,
    "code": "simbeats",
    "order": 1,
    "descriptions": [
        {
            "id": 0,
            "language": "en",
            "name": "SimBeats",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        },
        {
            "id": 0,
            "language": "fr",
            "name": "SimBeats",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    ]
}
```

Create Category

Description:

Creates a category

Method:

POST

Url:

/api/v1/private/category

Body:

js

```
{
  "code" : "headsets",
  "sortOrder" : 0,
  "visible" : true,
  "parent" : null,
  "descriptions" : [ {
    "language" : "en",
    "name" : "Headsets",
    "friendlyUrl" : "headsets",
    "title" : "Headsets"
  },
  {
    "language" : "fr",
    "name" : "Écouteurs",
    "friendlyUrl" : "ecouteurs",
    "title" : "Écouteurs"
  }
  ]
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 51,
    "code": "headsets",
    "sortOrder": 0,
    "visible": true,
    "featured": false,
    "lineage": null,
    "depth": 0,
    "parent": null,
    "descriptions": [
        {
            "language": "en",
            "name": "Headsets",
            "description": null,
            "friendlyUrl": "headsets",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "SimBeats Headsets"
        },
            {
            "language": "fr",
            "name": "Écouteurs",
            "description": null,
            "friendlyUrl": "ecouteurs",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "SimBeats Écouteurs"
        }
    ],
    "children": []
}
```

Create Product Definition SIMBEATS

Description:

Product definition can also be immediately attached to category by adding an array of category id in which the product will be created.

```
  "categories": [ { "id": 51 } ],
```

Method:

POST

Url:

/api/v2/private/product?lang=en&store=DEFAULT

Body:

js

```
{
  "canBePurchased": true,
  "price": 149.00,
  "quantity": 1000,
  "descriptions": [
    {
      "description": "The preferred choice of a vast range of acclaimed DJ:
      "friendlyUrl": "simbeatsep",
      "name": "SIMBeats EP",
      "title": "SIMBeats EP",
      "language": "en"
    },
    {
      "description": "Le choix préféré des audiophiles, fréquences des bas:
      "friendlyUrl": "simbeatsep",
      "name": "SIMBeats EP",
      "title": "SIMBeats EP",
      "language": "fr"
    }
  ],
  "identifier": "SIMBEATSEP",
  "productSpecifications": {
    "dimensionUnitOfMeasure": "in",
    "height": 8,
    "length": 4,
    "weight": 0.225,
    "weightUnitOfMeasure": "lb",
    "manufacturer": "simbeats",
    "width": 12
  },
  "categories" : [
    { "code":"simbeats"}
  ],
  "shipeable": true,
  "sortOrder": 1,
  "type": "GENERAL",
  "virtual": false,
  "visible": true
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 26050
}
```

Edit product SIMBEATS

Description:

Edit product definition. This is usefull to update the details of a product.

Method:

PUT

Url:

/api/v2/private/product/1

Body:

js

```json
{
  "canBePurchased": true,
  "price": 149.00,
  "quantity": 1000,
  "descriptions": [
    {
      "description": "The preferred choice of a vast range of acclaimed DJ
      "friendlyUrl": "simbeatsep",
      "name": "SIMBeats EP",
      "title": "SIMBeats EP",
      "language": "en"
    },
    {
      "description": "Le choix préféré des audiophiles, fréquences des bas
      "friendlyUrl": "simbeatsep",
      "name": "SIMBeats EP",
      "title": "SIMBeats EP",
      "language": "fr"
    }
  ],
  "identifier": "SIMBEATSEP",
  "productSpecifications": {
    "dimensionUnitOfMeasure": "in",
    "height": 8,
    "length": 4,
    "weight": 0.225,
    "weightUnitOfMeasure": "lb",
    "manufacturer": "simbeats",
    "width": 12
  },
    "categories" : [
    { "code":"headsets"}
  ],
  "shipeable": true,
  "sortOrder": 1,
  "type": "GENERAL",
  "virtual": false,
  "visible": true
}
```

Response:

status: OK

code: 200

js

Create Product Option Color

Description:

API for the creation of a product option

Method:

POST

Url:

/api/v1/private/product/option

Body:

js

```js
{
  "code": "color",
  "descriptions": [
    {
      "name": "Color",
      "language": "en"
    },
    {
      "name": "Couleur",
      "language": "fr"
    }
  ],
  "order": 1,
  "type": "radio"
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 1,
    "code": "color",
    "type": "radio",
    "readOnly": false,
    "order": 0,
    "description": {
        "id": 1,
        "language": "en",
        "name": "Color",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value Color - Red

Description:

API for the creation of a product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
  {
    "code": "red",
    "descriptions": [
      {
        "name": "Red",
        "language": "en"
      },
      {
        "name": "Rouge",
        "language": "fr"
      }
    ],
    "order": 0
  }
```

Response:

status: Created

code: 201

js

```
{
    "id": 1,
    "code": "red",
    "name": null,
    "defaultValue": false,
    "sortOrder": 0,
    "image": null,
    "order": 0,
    "price": null,
    "description": {
        "id": 2,
        "language": "en",
        "name": "Red",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value Color - Blue

Description:

API for the creation of a product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
  {
    "code": "blue",
    "descriptions": [
      {
        "name": "Blue",
        "language": "en"
      },
      {
        "name": "Bleu",
        "language": "fr"
      }
    ],
    "order": 5
  }
```

Response:

status: Created

code: 201

js

```json
{
    "id": 2,
    "code": "blue",
    "name": null,
    "defaultValue": false,
    "sortOrder": 5,
    "image": null,
    "order": 5,
    "price": null,
    "description": {
        "id": 4,
        "language": "en",
        "name": "Blue",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value Color - Black

Description:

API for the creation of a product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
{
  "code": "black",
  "descriptions": [
    {
      "name": "Black",
      "language": "en"
    },
    {
      "name": "Noir",
      "language": "fr"
    }
  ],
  "order": 10
}
```

Response:

status: Created

code: 201

js

```
 {
     "id": 3,
     "code": "black",
     "name": null,
     "defaultValue": false,
     "sortOrder": 10,
     "image": null,
     "order": 10,
     "price": null,
     "description": {
         "id": 6,
         "language": "en",
         "name": "Black",
         "description": null,
         "friendlyUrl": null,
         "keyWords": null,
         "highlights": null,
         "metaDescription": null,
         "title": null
     }
 }
```

Create Product Option Cable

Description:

API for the creation of a product option

Method:

POST

Url:

/api/v1/private/product/option

Body:

js

```
{
  "code": "cable",
  "descriptions": [
    {
      "name": "Cable",
      "language": "en"
    },
    {
      "name": "Cable",
      "language": "fr"
    }
  ],
  "order": 1,
  "type": "radio"
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 3,
    "code": "cable",
    "type": "radio",
    "readOnly": false,
    "order": 0,
    "description": {
        "id": 5,
        "language": "en",
        "name": "Cable",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value Straight

Description:

API for the creation of a product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
{
  "code": "straight",
  "descriptions": [
    {
      "name": "Straight",
      "language": "en"
    },
    {
      "name": "Droit",
      "language": "fr"
    }
  ],
  "order": 0
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 1,
    "code": "red",
    "name": null,
    "defaultValue": false,
    "sortOrder": 0,
    "image": null,
    "order": 0,
    "price": null,
    "description": {
        "id": 2,
        "language": "en",
        "name": "Red",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 4,
    "code": "straight",
    "name": null,
    "defaultValue": false,
    "sortOrder": 0,
    "image": null,
    "order": 0,
    "price": null,
    "description": {
        "id": 7,
        "language": "en",
        "name": "Straight",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value Twisted

Description:

API for the creation of a product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```js
{
  "code": "twisted",
  "descriptions": [
    {
      "name": "Twisted",
      "language": "en"
    },
    {
      "name": "Tortillé",
      "language": "fr"
    }
  ],
  "order": 0
}
```

Response:

status: Created

code: 201

js

```
  {
      "id": 5,
      "code": "twisted",
      "name": null,
      "defaultValue": false,
      "sortOrder": 0,
      "image": null,
      "order": 0,
      "price": null,
      "description": {
          "id": 10,
          "language": "en",
          "name": "Twisted",
          "description": null,
          "friendlyUrl": null,
          "keyWords": null,
          "highlights": null,
          "metaDescription": null,
          "title": null
      }
  }
```

Create Product Variation- Color Red

Description:

Creates a Product variation that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variation

Body:

js

```js
{
  "code": "color-red",
  "defaultValue": true,
  "option": 1,
  "optionValue": 1,
  "sortOrder": 0
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 0
}
```

Create Product Variation - Color Blue

Description:

Creates a Product variation that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variation

Body:

js

```js
{
  "code": "color-blue",
  "defaultValue": true,
  "option": 1,
  "optionValue": 2,
  "sortOrder": 30
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 0
}
```

Create Product Variation - Color Black

Description:

Creates a Product variation that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variation

Body:

js

```js
{
  "code": "color-black",
  "defaultValue": false,
  "option": 1,
  "optionValue": 3,
  "sortOrder": 30
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 0
}
```

Create Product Variation - Cable Straight

Description:

Creates a Product variation that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variation

Body:

js

```
{
  "code": "cable-straight",
  "defaultValue": true,
  "option": 2,
  "optionValue": 50,
  "sortOrder": 0
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 0
}
```

Create Product Variation - Cable Twisted

Description:

Creates a Product variation that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variation

Body:

js

```js
  {
    "code": "cable-twisted",
    "defaultValue": false,
    "option": 3,
    "optionValue": 5,
    "sortOrder": 10
  }
```

Response:

status: Created

code: 201

js

```js
  {
      "id": 0
  }
```

Create Product Variant - Red - Straight

Description:

Creates a product variant

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```
  {
    "visible": true,
    "dateAvailable": "2022-11-11",
    "sortOrder": 1,
    "sku" : "SIMBEATSEP001",
    "variation": 1,
    "variationValue": 3
  }
```

Response:

status: Created

code: 201

js

```
  {
      "id": 1
  }
```

Create Product Variant - Red - Twisted

Description:

Creates a product variant

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```js
{
  "visible": true,
  "dateAvailable": "2022-11-11",
  "sortOrder": 10,
  "sku" : "SIMBEATSEP010",
  "variation": 1,
  "variationValue": 4
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 2
}
```

Create Product Variant - Black - Straight

Description:

Creates a product instance

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```js
{
  "visible": true,
  "dateAvailable": "2022-11-11",
  "sortOrder": 1,
  "sku" : "SIMBEATSEP020",
  "variation": 2,
  "variationValue": 3
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 1
}
```

Create Product Variant - Black - Twisted

Description:

Creates a product instance

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```js
{
  "visible": true,
  "dateAvailable": "2022-11-11",
  "sortOrder": 1,
  "sku" : "SIMBEATSEP024",
  "variation": 2,
  "variationValue": 4
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 1
}
```

Create Product Variant - Blue - Straight

Description:

Creates a product instance

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```js
{
    "visible": true,
    "dateAvailable": "2022-11-11",
    "sortOrder": 1,
    "sku" : "SIMBEATSEP020",
    "variation": 2,
    "variationValue": 3
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 1
}
```

Create Product Variant - Blue - Twisted

Description:

Creates a product instance

Method:

POST

Url:

/api/v2/private/product/1/variant

Body:

js

```
{
  "visible": true,
  "dateAvailable": "2022-11-11",
  "sortOrder": 1,
  "sku" : "SIMBEATSEP035",
  "variation": 50,
  "variationValue": 4
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 1
}
```

get product

Description:

Get a product by sku.

Method:

GET

Url:

/api/v2/product/SIMBEATSEP?lang=en&store=DEFAULT

Response:

status: OK

code: 200

js

```json
{
    "id": 25655,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 1172,
    "quantity": 3,
    "sku": "79702984044",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "79702984044",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25244,
        "language": "en",
        "name": "Wrap-around handguard kit",
        "description": "<ul><li>Including all required assembly materials</
        "friendlyUrl": "wrap-around-handguard-kit",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Wrap-around handguard kit"
    },
    "productPrice": {
```

```json
    "id": 50558,
    "originalPrice": "SEK1,172.00",
    "finalPrice": "SEK1,172.00",
    "discounted": false,
    "description": {
        "id": 50372,
        "language": "en",
        "name": null,
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null,
        "priceAppender": null
    }
},
"finalPrice": "SEK1,172.00",
"originalPrice": "SEK1,172.00",
"discounted": false,
"image": null,
"images": [
    {
        "id": 2103,
        "imageName": null,
        "imageUrl": "http://localhost:8080/static/products/DEFAULT/797(
        "externalUrl": "https://cms.jinomotos.com/pim/7/7b75de5b-c86b-4
        "videoUrl": "https://cms.jinomotos.com/pim/7/7b75de5b-c86b-4ba8
        "imageType": 1,
        "order": 0,
        "defaultImage": true
    },
    {
        "id": 2104,
        "imageName": null,
        "imageUrl": "http://localhost:8080/static/products/DEFAULT/797(
        "externalUrl": "https://cms.jinomotos.com/pim/2/285a6966-77b2-4
        "videoUrl": "https://cms.jinomotos.com/pim/2/285a6966-77b2-43ae
        "imageType": 1,
        "order": 0,
        "defaultImage": false
    }
],
```

```
"manufacturer": null,
"attributes": [],
"options": [],
"variants": [],
"properties": [],
"categories": [
    {
        "id": 10600,
        "code": "handguards",
        "sortOrder": 0,
        "visible": true,
        "featured": false,
        "lineage": "/10150//10004/10600/",
        "depth": 2,
        "parent": {
            "id": 10004,
            "code": "plastics"
        },
        "description": {
            "id": 346,
            "language": "en",
            "name": "Hand Guards",
            "description": null,
            "friendlyUrl": "handguards",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Hand Guards"
        },
        "productCount": 0,
        "store": "DEFAULT",
        "children": []
    }
],
"type": {
    "id": 150,
    "code": "default",
    "visible": true,
    "allowAddToCart": true,
    "description": null
},
"canBePurchased": true,
```

```
        "owner": null
  }
```

5. api/products/index.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/index.html

Product API Reference

Product characteristics

Products can be configured with characteristics. Characteristics are defined outside of the product and can used during the configuration of different products.

- Product types
- Product brands

Product options

Products can have options. Options are used to differenciate products having the same definition. For instance, a product **color** or a product **size** are options of the same base product. Options are defined outside of the product and can used during the configuration of different products.

- Product options

Product definition

Product definition is product metadata that defines core non variables elements of a product. For instance a **t-shirt** is a basic product definition. A product definition has no variants attached. It contains basic characteristiques, core attributes and dynamic attributes.

- Product definition
- Product images

Product

Product definition returns product summary usefull when working on a product management perspective. Product api returns complete object with composition rules and should be used when listing products or getting product details.

- Product

Product properties (attributes)

Properties (attributes) adds extension to the product core attributes by allowing the creation of custom properties (attributes).

- Product custom properties

Product variations (options)

Variations of product definitions.

- Product variations

Product variants

Product variants are product definitions with variations attached to it. A single product definition can have multiple product variants. Each product variant has its own sku.

- Product variants
- Product variants group

Product classification

Products are classified in Category.

- Product category

List products

List products with pagination and filters for a specific Merchant Store and Language.

- [Product listing](#)

Search products

Full Text search and Auto complete keywords using Search server such as Elastic Search and Open Search

- [Product search](#)

Swagger documentations

All apis are described on Swaggerhub Shopizer repository

[Shopize Swagger Documentationhttps://app.swaggerhub.com/apis-docs/shopizer/shopizer-rest-api/3.0.1](https://app.swaggerhub.com/apis-docs/shopizer/shopizer-rest-api/3.0.1)

6. api/products/product-brands.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-brands.html

Product Brands

An API that can be used for managing product brands, manufacturers or collections.

Create Product Prand / Manufacturer

Description:

API for creating a manufacturer / Brand

Method:

POST

Url:

/api/v1/private/manufacturer

Body:

js

```
{
  "code" : "gilden-like",
  "order" : 1,
  "descriptions" : [
      {
        "language" : "en",
        "name" : "Gilden Like"
      },
      {
        "language" : "fr",
        "name" : "Gilden Like"
      }
  ]
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 50,
    "code": "gilden-like",
    "order": 1,
    "descriptions": [
        {
            "id": 0,
            "language": "en",
            "name": "Gilden Like",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        },
        {
            "id": 0,
            "language": "fr",
            "name": "Gilden Like",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    ]
}
```

Update Product Brand/ Manufacturer

Description:

API for updating a brand

Method:

PUT

Url:

/api/v1/private/manufacturer/50

Body:

js

```
 {
     "order": 10,
     "code": "gilden-like",
     "descriptions": [
         {
             "language": "en",
             "name": "Gilden Like"
         },
         {
             "language": "fr",
             "name": "De Gilden"
         }
     ]
 }
```

Response:

status: OK

code: 200

js

List Product Brands / Manufacturers

Description:

API for updating a brand

Method:

GET

Url:

/api/v1/manufacturers?count=25&page=0

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 0,
    "recordsTotal": 2,
    "recordsFiltered": 0,
    "manufacturers": [
        {
            "id": 1,
            "code": "DEFAULT",
            "order": 0,
            "description": {
                "id": 1,
                "language": "en",
                "name": "DEFAULT",
                "description": "DEFAULT",
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null
            }
        },
        {
            "id": 50,
            "code": "gilden-like",
            "order": 0,
            "description": {
                "id": 2,
                "language": "en",
                "name": "Gilden Like",
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null
            }
        }
    ]
}
```

Get Product Brand / Manufacturer

Description:

Get a Brand / Manufacturer

Method:

GET

Url:

/api/v1/manufacturer/1

Response:

status: OK

code: 200

js

```
{
    "id": 1,
    "code": "DEFAULT",
    "order": 0,
    "description": {
        "id": 1,
        "language": "en",
        "name": "DEFAULT",
        "description": "DEFAULT",
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Delete Product Brand / Manufacturer

Description:

Delete a Brand / Manufacturer by id

Method:

DELETE

Url:

/api/v1/private/manufacturer/50

Response:

status: OK

code: 200

js

7. api/products/product-category.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-category.html

Product Category

Create a category of products. Items (product definitions) can be associated to multiple category. Product instances cannot be associated to a category. Only the product definition can.

Create Category

Description:

Creates a category

Method:

POST

Url:

/api/v1/private/category

Body:

js

```
{
  "code" : "cotton-shirts",
  "sortOrder" : 0,
  "visible" : true,
  "parent" : null,
  "descriptions" : [ {
    "language" : "en",
    "name" : "Cotton Shirts",
    "friendlyUrl" : "cotton-shirts",
    "title" : "Standard cotton t-shirts"
  }]
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 10651,
    "code": "cotton-shirts",
    "sortOrder": 0,
    "visible": true,
    "featured": false,
    "lineage": null,
    "depth": 0,
    "parent": null,
    "descriptions": [
        {
            "id": 0,
            "language": "en",
            "name": "Cotton Shirts",
            "description": null,
            "friendlyUrl": "cotton-shirts",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Standard cotton t-shirts"
        }
    ],
    "children": []
}
```

Modify category

Description:

Modify a Category

Method:

PUT

Url:

/api/v1/private/category/10651

Body:

js

```js
{
  "code" : "cotton-shirts",
  "sortOrder" : 1,
  "visible" : true,
  "parent" : null,
  "descriptions" : [ {
    "language" : "en",
    "name" : "Cotton Shirts",
    "friendlyUrl" : "cotton-shirts",
    "title" : "Standard cotton t-shirts"
  }]
}
```

Response:

status: OK

code: 200

js

```
 {
     "id": 10651,
     "code": "cotton-shirts",
     "sortOrder": 1,
     "visible": true,
     "featured": false,
     "lineage": null,
     "depth": 0,
     "parent": null,
     "descriptions": [
         {
             "id": 0,
             "language": "en",
             "name": "Cotton Shirts",
             "description": null,
             "friendlyUrl": "cotton-shirts",
             "keyWords": null,
             "highlights": null,
             "metaDescription": null,
             "title": "Standard cotton t-shirts"
         }
     ],
     "children": []
 }
```

Get Category

Description:

Modify a Category

Method:

GET

Url:

/api/v1/category/10651

Body:

js

```js
{
  "code" : "cotton-shirts",
  "sortOrder" : 1,
  "visible" : true,
  "parent" : null,
  "descriptions" : [ {
    "language" : "en",
    "name" : "Cotton Shirts",
    "friendlyUrl" : "cotton-shirts",
    "title" : "Standard cotton t-shirts"
  }]
}
```

Response:

status: OK

code: 200

js

```
 {
     "id": 10700,
     "code": "cotton-shirts",
     "sortOrder": 0,
     "visible": true,
     "featured": false,
     "lineage": "/10700/",
     "depth": 0,
     "parent": null,
     "description": {
         "id": 371,
         "language": "en",
         "name": "Cotton Shirts",
         "description": null,
         "friendlyUrl": "cotton-shirts",
         "keyWords": null,
         "highlights": null,
         "metaDescription": null,
         "title": "Standard cotton t-shirts"
     },
     "productCount": 0,
     "store": "DEFAULT",
     "children": []
 }
```

List Category

Description:

Get a category hierarchy for a given MerchantStore

Method:

GET

Url:

/api/v1/category?store-DEFAULT

Body:

js

```
{
  "code" : "cotton-shirts",
  "sortOrder" : 1,
  "visible" : true,
  "parent" : null,
  "descriptions" : [ {
    "language" : "en",
    "name" : "Cotton Shirts",
    "friendlyUrl" : "cotton-shirts",
    "title" : "Standard cotton t-shirts"
  }]
}
```

Response:

status: OK

code: 200

js

```
{
    "id": 10700,
    "code": "cotton-shirts",
    "sortOrder": 0,
    "visible": true,
    "featured": false,
    "lineage": "/10700/",
    "depth": 0,
    "parent": null,
    "description": {
        "id": 371,
        "language": "en",
        "name": "Cotton Shirts",
        "description": null,
        "friendlyUrl": "cotton-shirts",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Standard cotton t-shirts"
    },
    "productCount": 0,
    "store": "DEFAULT",
    "children": []
}
```

Add product to category

Description:

Add a product to a category

This url adds product ID 251 to category 100

Product and category must have the same merchant store

Method:

POST

Url:

/api/v1/private/product/26650/category/10651

Response:

status: Created

code: 201

js

Remove product from category

Description:

Add a product to a category

This url adds product ID 251 to category 100

Product and category must have the same merchant store

Method:

POST

Url:

/api/v1/private/product/26650/category/10651

Response:

status: OK

code: 200

js

Delete Category

Description:

Delete a Category

Method:

DELETE

Url:

/api/v1/private/category/10651

Response:

status: OK

code: 200

js

8. api/products/product-definition.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-definition.html

Product Definition

Product definitions represent product metadata that can be used for multiple items (sku). For instance a product definition t-shirt is the metadata for small white t-shirt and medium white t-shirt.

create product definition

Description:

Product definition can also be immediately attached to category by adding an array of category id in which the product will be created.

```
 "categories": [ { "id": 51 } ],
```

Method:

POST

Url:

/api/v2/private/product?lang=en&store=DEFAULT

Body:

js

```
{
  "canBePurchased": true,
  "price": 29.00,
  "quantity": 100,
  "descriptions": [
    {
      "description": "T Shirt",
      "friendlyUrl": "t-shirt",
      "name": "T Shirt",
      "title": "T Shirt",
      "language": "en"
    }
  ],
  "identifier": "TSHIRT",
  "productSpecifications": {
    "dimensionUnitOfMeasure": "in",
    "height": 22,
    "length": 14,
    "weight": 0.225,
    "weightUnitOfMeasure": "lb",
    "manufacturer": "DEFAULT",
    "width": 36
  },
  "shipeable": true,
  "sortOrder": 10,
  "type": "GENERAL",
  "virtual": false,
  "visible": true
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 26050
}
```

edit product definition

Description:

Edit product definition

Method:

PUT

Url:

/api/v2/private/product/26750

Body:

js

```
{
  "canBePurchased": true,
  "price": 29.00,
  "descriptions": [
    {
      "description": "Light cotton T Shirt",
      "friendlyUrl": "light-cotton-t-shirt",
      "name": "T Shirt",
      "title": "T Shirt",
      "language": "en"
    }
  ],
  "identifier": "TSHIRTA",
  "productSpecifications": {
    "dimensionUnitOfMeasure": "in",
    "height": 22,
    "length": 14,
    "weight": 0.225,
    "weightUnitOfMeasure": "lb",
    "manufacturer": "DEFAULT",
    "width": 36
  },
  "shipeable": true,
  "sortOrder": 10,
  "type": "GENERAL",
  "virtual": false,
  "visible": true
}
```

Response:

status: OK

code: 200

js

get product definition by id

Description:

Product definition can also be immediately attached to category by adding an array of category id in which the product will be created.

```json
 "categories": [ { "id": 51 } ],
```

Method:

GET

Url:

/api/v2/private/product/26750?lang=en&store=DEFAULT

Response:

status: OK

code: 200

js

```json
{
    "id": 26750,
    "visible": true,
    "shipeable": true,
    "virtual": false,
    "canBePurchased": true,
    "dateAvailable": "2022-09-01",
    "identifier": "TSHIRTA",
    "sku": null,
    "productSpecifications": {
        "height": 22,
        "weight": 0.23,
        "length": 14,
        "width": 36,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "sortOrder": 10,
    "type": {
        "id": 300,
        "code": "GENERAL",
        "visible": false,
        "allowAddToCart": false,
        "description": {
            "id": 9,
            "language": "en",
            "name": "General",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    },
    "categories": [
        {
            "id": 10700,
            "code": "cotton-shirts",
            "sortOrder": 0,
            "visible": true,
```

```json
            "featured": false,
            "lineage": "/10700/",
            "depth": 0,
            "parent": null,
            "description": {
                "id": 371,
                "language": "en",
                "name": "Cotton Shirts",
                "description": null,
                "friendlyUrl": "cotton-shirts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Standard cotton t-shirts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "manufacturer": {
        "id": 1,
        "code": "DEFAULT",
        "order": 999,
        "description": {
            "id": 1,
            "language": "en",
            "name": "DEFAULT",
            "description": "<p>  DEFAULT</p>\n",
            "friendlyUrl": "",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    },
    "description": {
        "id": 25626,
        "language": "en",
        "name": "T Shirt",
        "description": "Light cotton T Shirt",
        "friendlyUrl": "light-cotton-t-shirt",
        "keyWords": null,
```

```json
        "highlights": null,
        "metaDescription": null,
        "title": "T Shirt"
    },
    "properties": [],
    "images": [
        {
            "id": 2400,
            "imageName": "white-tshirt.jpeg",
            "imageUrl": "http://localhost:8080/static/products/DEFAULT/TSH
            "externalUrl": null,
            "videoUrl": null,
            "imageType": 0,
            "order": 0,
            "defaultImage": true
        }
    ],
    "inventory": {
        "id": 26950,
        "quantity": 100,
        "region": "*",
        "regionVariant": null,
        "owner": null,
        "dateAvailable": null,
        "available": true,
        "productQuantityOrderMin": 0,
        "productQuantityOrderMax": 0,
        "creationDate": null,
        "store": {
            "id": 1,
            "code": "DEFAULT",
            "name": "MCSport",
            "defaultLanguage": "en",
            "currency": "SEK",
            "inBusinessSince": "2021-01-03",
            "email": "info@mcsport.se",
            "phone": "08-594 307 70",
            "template": null,
            "useCache": true,
            "currencyFormatNational": false,
            "retailer": true,
            "dimension": "CM",
            "weight": "KG",
```

```
            "currentUserLanguage": null,
            "address": {
                "stateProvince": "Stockholm",
                "country": "CA",
                "address": "V&amp;auml;stbergav&amp;auml;gen 24",
                "postalCode": "12630",
                "city": "H&amp;auml;gersten",
                "active": true
            },
            "logo": null,
            "parent": null,
            "supportedLanguages": [
                {
                    "code": "en",
                    "id": 1
                },
                {
                    "code": "sv",
                    "id": 4
                }
            ],
            "readableAudit": null
        },
        "sku": "TSHIRTA",
        "prices": [
            {
                "id": 52050,
                "originalPrice": "SEK26.99",
                "finalPrice": "SEK25.99",
                "discounted": false,
                "description": null
            }
        ],
        "price": "25.99"
    }
 }
```

list product definitions

Description:

Product definition can also be immediately attached to category by adding an array of category id in which the product will be created.

```json
"categories": [ { "id": 51 } ],
```

Method:

GET

Url:

/api/v2/products?lang=en&store=DEFAULT&count=25

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 8,
    "number": 25,
    "recordsTotal": 185,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26000,
            "productShipeable": false,
            "available": false,
            "visible": true,
            "sortOrder": 0,
            "dateAvailable": "2022-06-22",
            "creationDate": "2022-06-22",
            "price": 7399,
            "quantity": 40,
            "sku": "3HS22004720X",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": -1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": "3HS22004720X",
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25598,
                "language": "en",
                "name": "Kids Status Helmet",
                "description": "<ul><li>Kids offroad helmet exclusively fo
                "friendlyUrl": "kids-status-helmet",
```

```
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Kids Status Helmet"
    },
    "productPrice": {
        "id": 51052,
        "originalPrice": "SEK7,399.00",
        "finalPrice": "SEK7,399.00",
        "discounted": false,
        "description": {
            "id": 51081,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK7,399.00",
    "originalPrice": "SEK7,399.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2350,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/e/e9c5e3
            "videoUrl": "https://cms.jinomotos.com/pim/e/e9c5e3f1-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [
        {
```

```
"id": 102,
"code": "SIZE_HELMET",
"type": "select",
"readOnly": false,
"name": "Size",
"lang": "en",
"variant": true,
"optionValues": [
    {
        "id": 100,
        "code": "SIZE_HELMET-S-47-48",
        "name": null,
        "defaultValue": false,
        "sortOrder": 20,
        "image": null,
        "order": 0,
        "price": null,
        "description": {
            "id": 0,
            "language": "en",
            "name": "S/47-48",
            "description": "S/47-48",
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    },
    {
        "id": 101,
        "code": "SIZE_HELMET-M-49-50",
        "name": null,
        "defaultValue": false,
        "sortOrder": 30,
        "image": null,
        "order": 0,
        "price": null,
        "description": {
            "id": 0,
            "language": "en",
            "name": "M/49-50",
            "description": "M/49-50",
```

```json
                        "friendlyUrl": null,
                        "keyWords": null,
                        "highlights": null,
                        "metaDescription": null,
                        "title": null
                    }
                },
                {
                    "id": 102,
                    "code": "SIZE_HELMET-L-51-52",
                    "name": null,
                    "defaultValue": false,
                    "sortOrder": 30,
                    "image": null,
                    "order": 0,
                    "price": null,
                    "description": {
                        "id": 0,
                        "language": "en",
                        "name": "L/51-52",
                        "description": "L/51-52",
                        "friendlyUrl": null,
                        "keyWords": null,
                        "highlights": null,
                        "metaDescription": null,
                        "title": null
                    }
                }
            ]
        }
    ],
    "variants": [
        {
            "id": 100,
            "productShipeable": false,
            "available": false,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-02-22",
            "creationDate": null,
            "store": "DEFAULT",
            "productId": 26000,
            "sku": "3HS220047202",
```

```json
        "defaultSelection": false,
        "variant": {
            "id": 2,
            "code": "helmet-size-s-47-48",
            "date": null,
            "sortOrder": 0,
            "defaultValue": false,
            "option": {
                "id": 102,
                "code": "SIZE_HELMET",
                "type": "select",
                "readOnly": false,
                "name": "Size",
                "lang": "en",
                "variant": false,
                "optionValues": []
            },
            "optionValue": {
                "id": 602,
                "code": "SIZE_HELMET-S-47-48",
                "name": "S/47-48",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        },
        "variantValue": null,
        "code": "helmet-size-s-47-48",
        "images": [],
        "inventory": [
            {
                "id": 25951,
                "quantity": 40,
                "region": "*",
                "regionVariant": null,
                "owner": null,
                "dateAvailable": null,
                "available": true,
                "productQuantityOrderMin": -1,
                "productQuantityOrderMax": 1,
                "creationDate": null,
```

```json
"store": {
    "id": 1,
    "code": "DEFAULT",
    "name": "MCSport",
    "defaultLanguage": "en",
    "currency": "SEK",
    "inBusinessSince": "2021-01-03",
    "email": "info@mcsport.se",
    "phone": "08-594 307 70",
    "template": null,
    "useCache": true,
    "currencyFormatNational": false,
    "retailer": true,
    "dimension": "CM",
    "weight": "KG",
    "currentUserLanguage": null,
    "address": {
        "stateProvince": "Stockholm",
        "country": "CA",
        "address": "V&amp;auml;stbergav&amp;au
        "postalCode": "12630",
        "city": "H&amp;auml;gersten",
        "active": true
    },
    "logo": null,
    "parent": null,
    "supportedLanguages": [
        {
            "code": "en",
            "id": 1
        },
        {
            "code": "sv",
            "id": 4
        }
    ],
    "readableAudit": null
},
"sku": "3HS220047202",
"prices": [
    {
        "id": 51052,
        "originalPrice": "SEK7,399.00",
```

```json
                    "finalPrice": "SEK7,399.00",
                    "discounted": false,
                    "description": {
                        "id": 51081,
                        "language": "en",
                        "name": "DEFAULT",
                        "description": null,
                        "friendlyUrl": null,
                        "keyWords": null,
                        "highlights": null,
                        "metaDescription": null,
                        "title": null,
                        "priceAppender": null
                    }
                }
            ]
        }
    ]
},
{
    "id": 101,
    "productShipeable": false,
    "available": false,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-02-22",
    "creationDate": null,
    "store": "DEFAULT",
    "productId": 26000,
    "sku": "3HS220047203",
    "defaultSelection": false,
    "variant": {
        "id": 50,
        "code": "helmet-size-medium",
        "date": null,
        "sortOrder": 0,
        "defaultValue": false,
        "option": {
            "id": 102,
            "code": "SIZE_HELMET",
            "type": "select",
            "readOnly": false,
            "name": "Size",
```

```json
                    "lang": "en",
                    "variant": false,
                    "optionValues": []
                },
                "optionValue": {
                    "id": 650,
                    "code": "SIZE_HELMET-M-49-50",
                    "name": "M/49-50",
                    "defaultValue": false,
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
                }
            },
            "variantValue": null,
            "code": "helmet-size-medium",
            "images": [],
            "inventory": []
        },
        {
            "id": 102,
            "productShipeable": false,
            "available": false,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-02-22",
            "creationDate": null,
            "store": "DEFAULT",
            "productId": 26000,
            "sku": "3HS220047204",
            "defaultSelection": false,
            "variant": {
                "id": 51,
                "code": "helmet-size-large",
                "date": null,
                "sortOrder": 0,
                "defaultValue": false,
                "option": {
                    "id": 102,
                    "code": "SIZE_HELMET",
                    "type": "select",
                    "readOnly": false,
```

```json
                "name": "Size",
                "lang": "en",
                "variant": false,
                "optionValues": []
            },
            "optionValue": {
                "id": 651,
                "code": "SIZE_HELMET-L-51-52",
                "name": "L/51-52",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        },
        "variantValue": null,
        "code": "helmet-size-large",
        "images": [],
        "inventory": []
    }
],
"properties": [],
"categories": [
    {
        "id": 10050,
        "code": "helmets",
        "sortOrder": 0,
        "visible": true,
        "featured": false,
        "lineage": "/10017//10050/",
        "depth": 1,
        "parent": {
            "id": 10017,
            "code": "equipment"
        },
        "description": {
            "id": 243,
            "language": "en",
            "name": "HELMETS",
            "description": "",
            "friendlyUrl": "helmets",
            "keyWords": "",
```

```json
                        "highlights": "",
                        "metaDescription": "",
                        "title": ""
                    },
                    "productCount": 0,
                    "store": "DEFAULT",
                    "children": []
                }
            ],
            "type": {
                "id": 102,
                "code": "helmet",
                "visible": true,
                "allowAddToCart": true,
                "description": null
            },
            "canBePurchased": false,
            "owner": null
        },
        {

            "id": 25790,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-03-28",
            "creationDate": "2022-03-28",
            "price": 2356,
            "quantity": 1,
            "sku": "21008915044",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
```

```
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "21008915044",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25518,
            "language": "en",
            "name": "Licence plate holder support ",
            "description": "<ul><li>Visual highlight</li><li>Perfectly
            "friendlyUrl": "licence-plate-holder-support-",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Licence plate holder support "
        },
        "productPrice": {
            "id": 50830,
            "originalPrice": "SEK2,356.00",
            "finalPrice": "SEK2,356.00",
            "discounted": false,
            "description": {
                "id": 50919,
                "language": "en",
                "name": null,
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK2,356.00",
        "originalPrice": "SEK2,356.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2263,
```

```json
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/7/7fbcf2b
                "videoUrl": "https://cms.jinomotos.com/pim/7/7fbcf2b0-9
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10605,
                "code": "plastic-parts",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10004/10605/",
                "depth": 2,
                "parent": {
                    "id": 10004,
                    "code": "plastics"
                },
                "description": {
                    "id": 356,
                    "language": "en",
                    "name": "Separate Plastic Parts",
                    "description": null,
                    "friendlyUrl": "separate-plastic-parts",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Separate Plastic Parts"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
```

```json
            "type": {
                "id": 150,
                "code": "default",
                "visible": true,
                "allowAddToCart": true,
                "description": null
            },
            "canBePurchased": true,
            "owner": null
        },
        {
            "id": 25824,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-03-28",
            "creationDate": "2022-03-28",
            "price": 1645,
            "quantity": 1,
            "sku": "23607940200",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": "23607940200",
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25586,
```

```
        "language": "en",
        "name": "Seat ",
        "description": "<ul><li>Resistant coating</li><li>Enables
        "friendlyUrl": "seat-",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Seat "
    },
    "productPrice": {
        "id": 50898,
        "originalPrice": "SEK1,645.00",
        "finalPrice": "SEK1,645.00",
        "discounted": false,
        "description": {
            "id": 51054,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,645.00",
    "originalPrice": "SEK1,645.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2302,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF
            "externalUrl": "https://cms.jinomotos.com/pim/9/9076af3
            "videoUrl": "https://cms.jinomotos.com/pim/9/9076af33-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
```

```json
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10353,
            "code": "seats",
            "sortOrder": 310,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10003//10353/",
            "depth": 2,
            "parent": {
                "id": 10003,
                "code": "chassis"
            },
            "description": {
                "id": 299,
                "language": "en",
                "name": "Seat & covers",
                "description": "",
                "friendlyUrl": "seat-covers",
                "keyWords": "",
                "highlights": "",
                "metaDescription": "",
                "title": ""
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
```

```
        },
        {
            "id": 25812,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-03-28",
            "creationDate": "2022-03-28",
            "price": 1645,
            "quantity": 1,
            "sku": "25007940000",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": "25007940000",
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25566,
                "language": "en",
                "name": "Seat",
                "description": "<ul><li>Resistant coating</li><li>Higher c
                "friendlyUrl": "seat",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Seat"
            },
```

```json
    "productPrice": {
        "id": 50874,
        "originalPrice": "SEK1,645.00",
        "finalPrice": "SEK1,645.00",
        "discounted": false,
        "description": {
            "id": 51007,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,645.00",
    "originalPrice": "SEK1,645.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2292,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/b/b8a244
            "videoUrl": "https://cms.jinomotos.com/pim/b/b8a244e0-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10353,
            "code": "seats",
```

```
                    "sortOrder": 310,
                    "visible": true,
                    "featured": false,
                    "lineage": "/10150//10003//10353/",
                    "depth": 2,
                    "parent": {
                        "id": 10003,
                        "code": "chassis"
                    },
                    "description": {
                        "id": 299,
                        "language": "en",
                        "name": "Seat & covers",
                        "description": "",
                        "friendlyUrl": "seat-covers",
                        "keyWords": "",
                        "highlights": "",
                        "metaDescription": "",
                        "title": ""
                    },
                    "productCount": 0,
                    "store": "DEFAULT",
                    "children": []
                }
            ],
            "type": {
                "id": 150,
                "code": "default",
                "visible": true,
                "allowAddToCart": true,
                "description": null
            },
            "canBePurchased": true,
            "owner": null
        },
        {
            "id": 25813,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-03-28",
            "creationDate": "2022-03-28",
```

    "price": 1645,
    "quantity": 1,
    "sku": "25007940100",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "25007940100",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25562,
        "language": "en",
        "name": "Seat",
        "description": "
Resistant coating
Enables
        "friendlyUrl": "seat",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Seat"
    },
    "productPrice": {
        "id": 50875,
        "originalPrice": "SEK1,645.00",
        "finalPrice": "SEK1,645.00",
        "discounted": false,
        "description": {
            "id": 51009,
            "language": "en",
            "name": null,

```json
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null,
                    "priceAppender": null
                }
            },
            "finalPrice": "SEK1,645.00",
            "originalPrice": "SEK1,645.00",
            "discounted": false,
            "image": null,
            "images": [
                {
                    "id": 2290,
                    "imageName": null,
                    "imageUrl": "http://localhost:8080/static/products/DEF/
                    "externalUrl": "https://cms.jinomotos.com/pim/6/6c1e62:
                    "videoUrl": "https://cms.jinomotos.com/pim/6/6c1e6217-|
                    "imageType": 1,
                    "order": 0,
                    "defaultImage": true
                }
            ],
            "manufacturer": null,
            "attributes": [],
            "options": [],
            "variants": [],
            "properties": [],
            "categories": [
                {
                    "id": 10353,
                    "code": "seats",
                    "sortOrder": 310,
                    "visible": true,
                    "featured": false,
                    "lineage": "/10150//10003//10353/",
                    "depth": 2,
                    "parent": {
                        "id": 10003,
                        "code": "chassis"
                    },
```

```json
                "description": {
                    "id": 299,
                    "language": "en",
                    "name": "Seat & covers",
                    "description": "",
                    "friendlyUrl": "seat-covers",
                    "keyWords": "",
                    "highlights": "",
                    "metaDescription": "",
                    "title": ""
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25787,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 651,
        "quantity": 1,
        "sku": "2500805400028",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
```

```json
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "2500805400028",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25512,
        "language": "en",
        "name": "Spoiler set",
        "description": "null",
        "friendlyUrl": "spoiler-set",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Spoiler set"
    },
    "productPrice": {
        "id": 50824,
        "originalPrice": "SEK651.00",
        "finalPrice": "SEK651.00",
        "discounted": false,
        "description": {
            "id": 50906,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
```

```json
        "finalPrice": "SEK651.00",
        "originalPrice": "SEK651.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2260,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/d/da1217!
                "videoUrl": "https://cms.jinomotos.com/pim/d/da121755-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10605,
                "code": "plastic-parts",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10004/10605/",
                "depth": 2,
                "parent": {
                    "id": 10004,
                    "code": "plastics"
                },
                "description": {
                    "id": 356,
                    "language": "en",
                    "name": "Separate Plastic Parts",
                    "description": null,
                    "friendlyUrl": "separate-plastic-parts",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
```

```json
                "title": "Separate Plastic Parts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
},
{
    "id": 25782,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 651,
    "quantity": 1,
    "sku": "25008054000HA",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
```

```json
    "rating": 0,
    "ratingCount": 0,
    "refSku": "25008054000HA",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25502,
        "language": "en",
        "name": "Spoiler set",
        "description": "null",
        "friendlyUrl": "spoiler-set",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Spoiler set"
    },
    "productPrice": {
        "id": 50814,
        "originalPrice": "SEK651.00",
        "finalPrice": "SEK651.00",
        "discounted": false,
        "description": {
            "id": 50887,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK651.00",
    "originalPrice": "SEK651.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2254,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
```

```
            "externalUrl": "https://cms.jinomotos.com/pim/9/90c2ddl
            "videoUrl": "https://cms.jinomotos.com/pim/9/90c2ddb5-o
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10605,
            "code": "plastic-parts",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10605/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 356,
                "language": "en",
                "name": "Separate Plastic Parts",
                "description": null,
                "friendlyUrl": "separate-plastic-parts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Separate Plastic Parts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
```

```json
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25701,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 295,
        "quantity": 1,
        "sku": "25013960000",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "25013960000",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25334,
            "language": "en",
            "name": "Footbrake cylinder extender",
```

```
        "description": "<ul><li>Increases the volume of the rear ma
        "friendlyUrl": "footbrake-cylinder-extender",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Footbrake cylinder extender"
    },
    "productPrice": {
        "id": 50649,
        "originalPrice": "SEK295.00",
        "finalPrice": "SEK295.00",
        "discounted": false,
        "description": {
            "id": 50554,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK295.00",
    "originalPrice": "SEK295.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2156,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/3/3b9b768
            "videoUrl": "https://cms.jinomotos.com/pim/3/3b9b7685-1
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
```

```json
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10603,
                "code": "bling",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10003/10603/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 352,
                    "language": "en",
                    "name": "Bling Bling",
                    "description": null,
                    "friendlyUrl": "bling-bling",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Handlebars"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
```

```json
    "id": 25822,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 1645,
    "quantity": 1,
    "sku": "25107940100",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "25107940100",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25581,
        "language": "en",
        "name": "Seat",
        "description": "<ul><li>Resistant coating</li><li>Higher co
        "friendlyUrl": "seat",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Seat"
    },
    "productPrice": {
        "id": 50894,
```

```
        "originalPrice": "SEK1,645.00",
        "finalPrice": "SEK1,645.00",
        "discounted": false,
        "description": {
            "id": 51046,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,645.00",
    "originalPrice": "SEK1,645.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2300,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/d/dfa265
            "videoUrl": "https://cms.jinomotos.com/pim/d/dfa26577-9
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10353,
            "code": "seats",
            "sortOrder": 310,
            "visible": true,
```

```json
                "featured": false,
                "lineage": "/10150//10003//10353/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 299,
                    "language": "en",
                    "name": "Seat & covers",
                    "description": "",
                    "friendlyUrl": "seat-covers",
                    "keyWords": "",
                    "highlights": "",
                    "metaDescription": "",
                    "title": ""
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25816,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 1645,
        "quantity": 1,
```

```json
    "sku": "25107940200",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "25107940200",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25569,
        "language": "en",
        "name": "Seat",
        "description": "<ul><li>Resistant coating</li><li>Enables 
        "friendlyUrl": "seat",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Seat"
    },
    "productPrice": {
        "id": 50878,
        "originalPrice": "SEK1,645.00",
        "finalPrice": "SEK1,645.00",
        "discounted": false,
        "description": {
            "id": 51008,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
```

```json
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK1,645.00",
        "originalPrice": "SEK1,645.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2293,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/0/0805282
                "videoUrl": "https://cms.jinomotos.com/pim/0/0805282e-(
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10353,
                "code": "seats",
                "sortOrder": 310,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10003//10353/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 299,
```

```json
                    "language": "en",
                    "name": "Seat & covers",
                    "description": "",
                    "friendlyUrl": "seat-covers",
                    "keyWords": "",
                    "highlights": "",
                    "metaDescription": "",
                    "title": ""
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25721,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 344,
        "quantity": 2,
        "sku": "25530902144",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
```

```
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "25530902144",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25384,
        "language": "en",
        "name": "Factory Racing ignition cover plug",
        "description": "<ul><li>CNC milled from high-strength alum:
        "friendlyUrl": "factory-racing-ignition-cover-plug",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Factory Racing ignition cover plug"
    },
    "productPrice": {
        "id": 50690,
        "originalPrice": "SEK344.00",
        "finalPrice": "SEK344.00",
        "discounted": false,
        "description": {
            "id": 50643,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK344.00",
    "originalPrice": "SEK344.00",
```

```json
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2189,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/4/48aa44c
                "videoUrl": "https://cms.jinomotos.com/pim/4/48aa44ca-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10603,
                "code": "bling",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10003/10603/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 352,
                    "language": "en",
                    "name": "Bling Bling",
                    "description": null,
                    "friendlyUrl": "bling-bling",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Handlebars"
                },
```

```
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25708,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 533,
        "quantity": 1,
        "sku": "25534931044",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
```

```json
    "refSku": "25534931044",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25353,
        "language": "en",
        "name": "Gear shift lever step plate",
        "description": "<ul><li>CNC milled from high-strength alum:
        "friendlyUrl": "gear-shift-lever-step-plate",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Gear shift lever step plate"
    },
    "productPrice": {
        "id": 50666,
        "originalPrice": "SEK533.00",
        "finalPrice": "SEK533.00",
        "discounted": false,
        "description": {
            "id": 50590,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK533.00",
    "originalPrice": "SEK533.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2166,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/0/05501c2
            "videoUrl": "https://cms.jinomotos.com/pim/0/05501c23-9
```

```
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10603,
            "code": "bling",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10003/10603/",
            "depth": 2,
            "parent": {
                "id": 10003,
                "code": "chassis"
            },
            "description": {
                "id": 352,
                "language": "en",
                "name": "Bling Bling",
                "description": null,
                "friendlyUrl": "bling-bling",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Handlebars"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
```

```json
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {

        "id": 25732,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 462,
        "quantity": 1,
        "sku": "25538941044",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "25538941044",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25402,
            "language": "en",
            "name": "Factory Racing oil filter cover",
            "description": "<ul><li>CNC milled from high-strength alum
            "friendlyUrl": "factory-racing-oil-filter-cover",
```

```json
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Factory Racing oil filter cover"
    },
    "productPrice": {
        "id": 50714,
        "originalPrice": "SEK462.00",
        "finalPrice": "SEK462.00",
        "discounted": false,
        "description": {
            "id": 50686,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK462.00",
    "originalPrice": "SEK462.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2199,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/5/5b645f0
            "videoUrl": "https://cms.jinomotos.com/pim/5/5b645f06-8
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
```

```
"properties": [],
"categories": [
    {
        "id": 10603,
        "code": "bling",
        "sortOrder": 0,
        "visible": true,
        "featured": false,
        "lineage": "/10150//10003/10603/",
        "depth": 2,
        "parent": {
            "id": 10003,
            "code": "chassis"
        },
        "description": {
            "id": 352,
            "language": "en",
            "name": "Bling Bling",
            "description": null,
            "friendlyUrl": "bling-bling",
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Handlebars"
        },
        "productCount": 0,
        "store": "DEFAULT",
        "children": []
    }
],
"type": {
    "id": 150,
    "code": "default",
    "visible": true,
    "allowAddToCart": true,
    "description": null
},
"canBePurchased": true,
"owner": null
},
{
    "id": 25725,
    "productShipeable": true,
```

```
"available": true,
"visible": true,
"sortOrder": 1,
"dateAvailable": "2022-03-28",
"creationDate": "2022-03-28",
"price": 236,
"quantity": 1,
"sku": "26130920044",
"preOrder": false,
"productVirtual": false,
"quantityOrderMaximum": 1,
"quantityOrderMinimum": 1,
"productIsFree": false,
"productSpecifications": {
    "height": null,
    "weight": null,
    "length": null,
    "width": null,
    "model": null,
    "manufacturer": null,
    "dimensionUnitOfMeasure": "cm",
    "weightUnitOfMeasure": "kg"
},
"rating": 0,
"ratingCount": 0,
"refSku": "26130920044",
"rentalDuration": 0,
"rentalPeriod": 0,
"description": {
    "id": 25387,
    "language": "en",
    "name": "Oil plug",
    "description": "<ul><li>CNC milled from high-strength alum:
    "friendlyUrl": "oil-plug",
    "keyWords": null,
    "highlights": null,
    "metaDescription": null,
    "title": "Oil plug"
},
"productPrice": {
    "id": 50700,
    "originalPrice": "SEK236.00",
    "finalPrice": "SEK236.00",
```

```
        "discounted": false,
        "description": {
            "id": 50658,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK236.00",
    "originalPrice": "SEK236.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2191,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/3/3ea4bf
            "videoUrl": "https://cms.jinomotos.com/pim/3/3ea4bfe2-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10603,
            "code": "bling",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10003/10603/",
```

```json
                    "depth": 2,
                    "parent": {
                        "id": 10003,
                        "code": "chassis"
                    },
                    "description": {
                        "id": 352,
                        "language": "en",
                        "name": "Bling Bling",
                        "description": null,
                        "friendlyUrl": "bling-bling",
                        "keyWords": null,
                        "highlights": null,
                        "metaDescription": null,
                        "title": "Handlebars"
                    },
                    "productCount": 0,
                    "store": "DEFAULT",
                    "children": []
                }
            ],
            "type": {
                "id": 150,
                "code": "default",
                "visible": true,
                "allowAddToCart": true,
                "description": null
            },
            "canBePurchased": true,
            "owner": null
        },
        {
            "id": 25663,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-03-28",
            "creationDate": "2022-03-28",
            "price": 236,
            "quantity": 8,
            "sku": "26602908000",
            "preOrder": false,
```

```
"productVirtual": false,
"quantityOrderMaximum": 1,
"quantityOrderMinimum": 1,
"productIsFree": false,
"productSpecifications": {
    "height": null,
    "weight": null,
    "length": null,
    "width": null,
    "model": null,
    "manufacturer": null,
    "dimensionUnitOfMeasure": "cm",
    "weightUnitOfMeasure": "kg"
},
"rating": 0,
"ratingCount": 0,
"refSku": "26602908000",
"rentalDuration": 0,
"rentalPeriod": 0,
"description": {
    "id": 25264,
    "language": "en",
    "name": "Handlebar muffs",
    "description": "<ul><li>Never again cold fingers!</li><li>
    "friendlyUrl": "handlebar-muffs",
    "keyWords": null,
    "highlights": null,
    "metaDescription": null,
    "title": "Handlebar muffs"
},
"productPrice": {
    "id": 50576,
    "originalPrice": "SEK236.00",
    "finalPrice": "SEK236.00",
    "discounted": false,
    "description": {
        "id": 50410,
        "language": "en",
        "name": null,
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
```

```
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK236.00",
        "originalPrice": "SEK236.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2114,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/9/9df2429
                "videoUrl": "https://cms.jinomotos.com/pim/9/9df24299-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10600,
                "code": "handguards",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10004/10600/",
                "depth": 2,
                "parent": {
                    "id": 10004,
                    "code": "plastics"
                },
                "description": {
                    "id": 346,
                    "language": "en",
                    "name": "Hand Guards",
```

```json
                "description": null,
                "friendlyUrl": "handguards",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Hand Guards"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
},
{
    "id": 25743,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 461,
    "quantity": 1,
    "sku": "26606001000DB",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
```

```json
      "model": null,
      "manufacturer": null,
      "dimensionUnitOfMeasure": "cm",
      "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "26606001000DB",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25424,
        "language": "en",
        "name": "Lower section of the air filter ",
        "description": "null",
        "friendlyUrl": "lower-section-of-the-air-filter-",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Lower section of the air filter "
    },
    "productPrice": {
        "id": 50736,
        "originalPrice": "SEK461.00",
        "finalPrice": "SEK461.00",
        "discounted": false,
        "description": {
            "id": 50731,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK461.00",
    "originalPrice": "SEK461.00",
    "discounted": false,
    "image": null,
```

```json
    "images": [
        {
            "id": 2211,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/6/6619d3a
            "videoUrl": "https://cms.jinomotos.com/pim/6/6619d3a2-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10605,
            "code": "plastic-parts",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10605/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 356,
                "language": "en",
                "name": "Separate Plastic Parts",
                "description": null,
                "friendlyUrl": "separate-plastic-parts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Separate Plastic Parts"
            },
            "productCount": 0,
            "store": "DEFAULT",
```

```json
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
},
{
    "id": 25784,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 344,
    "quantity": 1,
    "sku": "26608001000DB",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "26608001000DB",
    "rentalDuration": 0,
```

```
"rentalPeriod": 0,
"description": {
    "id": 25506,
    "language": "en",
    "name": "Headlight shroud",
    "description": "null",
    "friendlyUrl": "headlight-shroud",
    "keyWords": null,
    "highlights": null,
    "metaDescription": null,
    "title": "Headlight shroud"
},
"productPrice": {
    "id": 50818,
    "originalPrice": "SEK344.00",
    "finalPrice": "SEK344.00",
    "discounted": false,
    "description": {
        "id": 50894,
        "language": "en",
        "name": null,
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null,
        "priceAppender": null
    }
},
"finalPrice": "SEK344.00",
"originalPrice": "SEK344.00",
"discounted": false,
"image": null,
"images": [
    {
        "id": 2256,
        "imageName": null,
        "imageUrl": "http://localhost:8080/static/products/DEF/
        "externalUrl": "https://cms.jinomotos.com/pim/f/f256a3b
        "videoUrl": "https://cms.jinomotos.com/pim/f/f256a3b2-
        "imageType": 1,
        "order": 0,
```

```json
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10605,
            "code": "plastic-parts",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10605/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 356,
                "language": "en",
                "name": "Separate Plastic Parts",
                "description": null,
                "friendlyUrl": "separate-plastic-parts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Separate Plastic Parts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
```

```
        },
        "canBePurchased": true,
        "owner": null
    },
    {

        "id": 25793,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 1408,
        "quantity": 5,
        "sku": "27008915044",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "27008915044",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25523,
            "language": "en",
            "name": "Licence plate holder support ",
            "description": "<ul><li>Visual highlight</li><li>Perfectly
            "friendlyUrl": "licence-plate-holder-support-",
            "keyWords": null,
            "highlights": null,
```

```json
        "metaDescription": null,
        "title": "Licence plate holder support "
    },
    "productPrice": {
        "id": 50836,
        "originalPrice": "SEK1,408.00",
        "finalPrice": "SEK1,408.00",
        "discounted": false,
        "description": {
            "id": 50931,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,408.00",
    "originalPrice": "SEK1,408.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2266,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/4/444a28a
            "videoUrl": "https://cms.jinomotos.com/pim/4/444a28a1-(
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        },
        {
            "id": 2267,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/7/72bf208
            "videoUrl": "https://cms.jinomotos.com/pim/7/72bf2086-(
            "imageType": 1,
```

```json
            "order": 0,
            "defaultImage": false
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10605,
            "code": "plastic-parts",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10605/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 356,
                "language": "en",
                "name": "Separate Plastic Parts",
                "description": null,
                "friendlyUrl": "separate-plastic-parts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Separate Plastic Parts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
```

```json
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25710,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 296,
        "quantity": 2,
        "sku": "27013903000",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "27013903000",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25358,
            "language": "en",
            "name": "Brake fluid reservoir cover",
            "description": "<ul><li>CNC milled from high-strength alum:
            "friendlyUrl": "brake-fluid-reservoir-cover",
            "keyWords": null,
```

```json
            "highlights": null,
            "metaDescription": null,
            "title": "Brake fluid reservoir cover"
        },
        "productPrice": {
            "id": 50670,
            "originalPrice": "SEK296.00",
            "finalPrice": "SEK296.00",
            "discounted": false,
            "description": {
                "id": 50598,
                "language": "en",
                "name": null,
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK296.00",
        "originalPrice": "SEK296.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2168,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/3/3c5123
                "videoUrl": "https://cms.jinomotos.com/pim/3/3c5123f5-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            },
            {
                "id": 2169,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/8/8629c6
                "videoUrl": "https://cms.jinomotos.com/pim/8/8629c656-
```

```json
            "imageType": 1,
            "order": 0,
            "defaultImage": false
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10603,
            "code": "bling",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10003/10603/",
            "depth": 2,
            "parent": {
                "id": 10003,
                "code": "chassis"
            },
            "description": {
                "id": 352,
                "language": "en",
                "name": "Bling Bling",
                "description": null,
                "friendlyUrl": "bling-bling",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Handlebars"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
```

```json
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {

        "id": 25667,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 699,
        "quantity": 1,
        "sku": "6030217910030",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
            "length": null,
            "width": null,
            "model": null,
            "manufacturer": null,
            "dimensionUnitOfMeasure": "cm",
            "weightUnitOfMeasure": "kg"
        },
        "rating": 0,
        "ratingCount": 0,
        "refSku": "6030217910030",
        "rentalDuration": 0,
        "rentalPeriod": 0,
        "description": {
            "id": 25271,
            "language": "en",
            "name": "Handguard kit",
            "description": "<ul><li>Excellent weather protection</li><
            "friendlyUrl": "handguard-kit",
```

```json
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Handguard kit"
        },
        "productPrice": {
            "id": 50584,
            "originalPrice": "SEK699.00",
            "finalPrice": "SEK699.00",
            "discounted": false,
            "description": {
                "id": 50426,
                "language": "en",
                "name": null,
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK699.00",
        "originalPrice": "SEK699.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2119,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/9/9e1dfb6
                "videoUrl": "https://cms.jinomotos.com/pim/9/9e1dfb6a-a
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
```

```json
        "properties": [],
        "categories": [
            {
                "id": 10600,
                "code": "handguards",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10004/10600/",
                "depth": 2,
                "parent": {
                    "id": 10004,
                    "code": "plastics"
                },
                "description": {
                    "id": 346,
                    "language": "en",
                    "name": "Hand Guards",
                    "description": null,
                    "friendlyUrl": "handguards",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Hand Guards"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25656,
        "productShipeable": true,
```

    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 1054,
    "quantity": 6,
    "sku": "76502979144",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "76502979144",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25247,
        "language": "en",
        "name": "Wrap-around handguard kit",
        "description": "
Including all required assembly ma
        "friendlyUrl": "wrap-around-handguard-kit",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Wrap-around handguard kit"
    },
    "productPrice": {
        "id": 50559,
        "originalPrice": "SEK1,054.00",
        "finalPrice": "SEK1,054.00",

```json
        "discounted": false,
        "description": {
            "id": 50378,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,054.00",
    "originalPrice": "SEK1,054.00",
    "discounted": false,
    "image": null,
    "images": [
        {
            "id": 2106,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/4/4e91e48
            "videoUrl": "https://cms.jinomotos.com/pim/4/4e91e489-3
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        },
        {
            "id": 2502,
            "imageName": "blob",
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": null,
            "videoUrl": null,
            "imageType": 0,
            "order": 0,
            "defaultImage": true
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
```

```json
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10600,
                "code": "handguards",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10004/10600/",
                "depth": 2,
                "parent": {
                    "id": 10004,
                    "code": "plastics"
                },
                "description": {
                    "id": 346,
                    "language": "en",
                    "name": "Hand Guards",
                    "description": null,
                    "friendlyUrl": "handguards",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Hand Guards"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25687,
```

```
"productShipeable": true,
"available": true,
"visible": true,
"sortOrder": 1,
"dateAvailable": "2022-03-28",
"creationDate": "2022-03-28",
"price": 651,
"quantity": 1,
"sku": "77701939010",
"preOrder": false,
"productVirtual": false,
"quantityOrderMaximum": 1,
"quantityOrderMinimum": 1,
"productIsFree": false,
"productSpecifications": {
    "height": null,
    "weight": null,
    "length": null,
    "width": null,
    "model": null,
    "manufacturer": null,
    "dimensionUnitOfMeasure": "cm",
    "weightUnitOfMeasure": "kg"
},
"rating": 0,
"ratingCount": 0,
"refSku": "77701939010",
"rentalDuration": 0,
"rentalPeriod": 0,
"description": {
    "id": 25313,
    "language": "en",
    "name": "Handlebar riser",
    "description": "<p></p>These CNC-machined, high-strength a
    "friendlyUrl": "handlebar-riser",
    "keyWords": null,
    "highlights": null,
    "metaDescription": null,
    "title": "Handlebar riser"
},
"productPrice": {
    "id": 50624,
    "originalPrice": "SEK651.00",
```

```json
      "finalPrice": "SEK651.00",
      "discounted": false,
      "description": {
          "id": 50506,
          "language": "en",
          "name": null,
          "description": null,
          "friendlyUrl": null,
          "keyWords": null,
          "highlights": null,
          "metaDescription": null,
          "title": null,
          "priceAppender": null
      }
  },
  "finalPrice": "SEK651.00",
  "originalPrice": "SEK651.00",
  "discounted": false,
  "image": null,
  "images": [
      {
          "id": 2141,
          "imageName": null,
          "imageUrl": "http://localhost:8080/static/products/DEF
          "externalUrl": "https://cms.jinomotos.com/pim/a/a5114a0
          "videoUrl": "https://cms.jinomotos.com/pim/a/a5114a0d-
          "imageType": 1,
          "order": 0,
          "defaultImage": true
      }
  ],
  "manufacturer": null,
  "attributes": [],
  "options": [],
  "variants": [],
  "properties": [],
  "categories": [
      {
          "id": 10601,
          "code": "handlebar-support",
          "sortOrder": 0,
          "visible": true,
          "featured": false,
```

```json
                "lineage": "/10150//10003/10601/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 349,
                    "language": "en",
                    "name": "Handlebar Support",
                    "description": null,
                    "friendlyUrl": "handlebar-support",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Handlebar Support"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25714,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 580,
        "quantity": 2,
        "sku": "77734931144",
```

```json
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "77734931144",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25366,
        "language": "en",
        "name": "Gear shift lever step plate",
        "description": "<ul><li>CNC milled from high-strength alum:
        "friendlyUrl": "gear-shift-lever-step-plate",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Gear shift lever step plate"
    },
    "productPrice": {
        "id": 50678,
        "originalPrice": "SEK580.00",
        "finalPrice": "SEK580.00",
        "discounted": false,
        "description": {
            "id": 50614,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
```

```
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK580.00",
        "originalPrice": "SEK580.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2177,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/f/fa7147
                "videoUrl": "https://cms.jinomotos.com/pim/f/fa7147f7-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10603,
                "code": "bling",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10003/10603/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 352,
                    "language": "en",
```

```json
                "name": "Bling Bling",
                "description": null,
                "friendlyUrl": "bling-bling",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Handlebars"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
},
{
    "id": 25655,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 1172,
    "quantity": 3,
    "sku": "79702984044",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
```

```json
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "79702984044",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25244,
        "language": "en",
        "name": "Wrap-around handguard kit",
        "description": "<ul><li>Including all required assembly ma
        "friendlyUrl": "wrap-around-handguard-kit",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Wrap-around handguard kit"
    },
    "productPrice": {
        "id": 50558,
        "originalPrice": "SEK1,172.00",
        "finalPrice": "SEK1,172.00",
        "discounted": false,
        "description": {
            "id": 50372,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK1,172.00",
    "originalPrice": "SEK1,172.00",
    "discounted": false,
```

```
    "image": null,
    "images": [
        {
            "id": 2103,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/7/7b75de5
            "videoUrl": "https://cms.jinomotos.com/pim/7/7b75de5b-
            "imageType": 1,
            "order": 0,
            "defaultImage": true
        },
        {
            "id": 2104,
            "imageName": null,
            "imageUrl": "http://localhost:8080/static/products/DEF/
            "externalUrl": "https://cms.jinomotos.com/pim/2/285a690
            "videoUrl": "https://cms.jinomotos.com/pim/2/285a6966-
            "imageType": 1,
            "order": 0,
            "defaultImage": false
        }
    ],
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10600,
            "code": "handguards",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10600/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 346,
```

```
                    "language": "en",
                    "name": "Hand Guards",
                    "description": null,
                    "friendlyUrl": "handguards",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Hand Guards"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    {
        "id": 25715,
        "productShipeable": true,
        "available": true,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-03-28",
        "creationDate": "2022-03-28",
        "price": 296,
        "quantity": 1,
        "sku": "81302933044",
        "preOrder": false,
        "productVirtual": false,
        "quantityOrderMaximum": 1,
        "quantityOrderMinimum": 1,
        "productIsFree": false,
        "productSpecifications": {
            "height": null,
            "weight": null,
```

```json
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "81302933044",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25368,
        "language": "en",
        "name": "Clutch reservoir cover",
        "description": "<ul><li>CNC milled from high-strength alum
        "friendlyUrl": "clutch-reservoir-cover",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Clutch reservoir cover"
    },
    "productPrice": {
        "id": 50680,
        "originalPrice": "SEK296.00",
        "finalPrice": "SEK296.00",
        "discounted": false,
        "description": {
            "id": 50618,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK296.00",
    "originalPrice": "SEK296.00",
```

```json
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2178,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/7/7f7484
                "videoUrl": "https://cms.jinomotos.com/pim/7/7f7484e4-8
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10603,
                "code": "bling",
                "sortOrder": 0,
                "visible": true,
                "featured": false,
                "lineage": "/10150//10003/10603/",
                "depth": 2,
                "parent": {
                    "id": 10003,
                    "code": "chassis"
                },
                "description": {
                    "id": 352,
                    "language": "en",
                    "name": "Bling Bling",
                    "description": null,
                    "friendlyUrl": "bling-bling",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Handlebars"
                },
```

```
                    "productCount": 0,
                    "store": "DEFAULT",
                    "children": []
                }
            ],
            "type": {
                "id": 150,
                "code": "default",
                "visible": true,
                "allowAddToCart": true,
                "description": null
            },
            "canBePurchased": true,
            "owner": null
        }
    ]
  }
```

delete product definition

Description:

Product definition can also be immediately attached to category by adding an array of category id in which the product will be created.

```json
 "categories": [ { "id": 51 } ],
```

Method:

DELETE

Url:

/api/v2/private/product/26700

Response:

status: OK

code: 200

js

9. api/products/product-images.html

URL:

Product images

Product images management.

Add product images

Description:

Method:

POST

Url:

/api/v1/private/product/1/image

Response:

status: Created

code: 201

js

List product images

Description:

List product images

Method:

GET

Url:

/api/v1/product/1/images

Response:

status: OK

code: 200

js

```
[
    {
        "id": 2,
        "imageName": "white-tshirt.jpeg",
        "imageUrl": "http://localhost:80/products/DEFAULT/TSHIRTA/SMALL/wh
        "externalUrl": null,
        "videoUrl": null,
        "imageType": 0,
        "order": 0,
        "defaultImage": true
    }
]
```

Update product image sort order

Description:

Updates an image sort order

Method:

PATCH

Url:

/api/v1/private/product/1/image/1?order=1

Response:

status: OK

code: 200

js

Delete product image

Description:

Updates an image sort order

Method:

DELETE

Url:

/api/v1/private/product/1/image/1

Response:

status: OK

code: 200

js

10. api/products/product-instances-group.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-instances-group.html

Product Instances Group

ProductInstances can be part of a ProductInstanceGroup allowing to share common resources.

Example: all white T Shirts product instances are part of o common group with an image of a white T Shirt.

Create Product Instance Group

Description:

Create a product instance group using all product instances id in an array

Method:

POST

Url:

/api/v2/private/product/productInstanceGroup

Body:

js

```
{
  "productInstances": [1003,1002]

}
```

Response:

status: Created

code: 201

js

```
{
    "id": 50
}
```

Update Product Instance Group

Description:

Edit product instance group for adding and removing product instance id

Method:

PUT

Url:

/api/v2/private/product/productInstanceGroup/50

Body:

js

```
{
  "productInstances": [1003]

}
```

Response:

status: OK

code: 200

js

List Product Instances Group

Description:

List product instances group for a given store and a specific product definition.

Method:

GET

Url:

/api/v2/private/product/26650/productInstanceGroup?store=DEFAULT

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "items": [
        {
            "id": 50,
            "images": [],
            "productInstances": [
                {
                    "id": 1002,
                    "productShipeable": true,
                    "available": false,
                    "visible": true,
                    "sortOrder": 1,
                    "dateAvailable": "2022-02-23",
                    "creationDate": null,
                    "store": "DEFAULT",
                    "productId": 26650,
                    "sku": "A256TMW",
                    "defaultSelection": false,
                    "variant": {
                        "id": 4,
                        "code": "colour-white",
                        "date": null,
                        "sortOrder": 0,
                        "defaultValue": false,
                        "option": {
                            "id": 100,
                            "code": "COLOUR",
                            "type": "select",
                            "readOnly": false,
                            "name": "Colour",
                            "lang": "en",
                            "variant": false,
                            "optionValues": []
                        },
                        "optionValue": {
                            "id": 600,
                            "code": "white",
                            "name": "White",
                            "defaultValue": false,
```

```json
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
                }
            },
            "variantValue": {
                "id": 100,
                "code": "size-medium",
                "date": null,
                "sortOrder": 0,
                "defaultValue": false,
                "option": {
                    "id": 150,
                    "code": "size",
                    "type": "select",
                    "readOnly": false,
                    "name": "Size",
                    "lang": "en",
                    "variant": false,
                    "optionValues": []
                },
                "optionValue": {
                    "id": 700,
                    "code": "medium",
                    "name": "Medium",
                    "defaultValue": false,
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
                }
            },
            "code": "colour-white:size-medium",
            "images": [],
            "inventory": []
        },
        {
            "id": 1003,
            "productShipeable": true,
            "available": false,
            "visible": true,
            "sortOrder": 10,
```

```json
        "dateAvailable": "2022-02-23",
        "creationDate": null,
        "store": "DEFAULT",
        "productId": 26650,
        "sku": "A256TLW",
        "defaultSelection": false,
        "variant": {
            "id": 4,
            "code": "colour-white",
            "date": null,
            "sortOrder": 0,
            "defaultValue": false,
            "option": {
                "id": 100,
                "code": "COLOUR",
                "type": "select",
                "readOnly": false,
                "name": "Colour",
                "lang": "en",
                "variant": false,
                "optionValues": []
            },
            "optionValue": {
                "id": 600,
                "code": "white",
                "name": "White",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        },
        "variantValue": {
            "id": 150,
            "code": "size-large",
            "date": null,
            "sortOrder": 0,
            "defaultValue": false,
            "option": {
                "id": 150,
                "code": "size",
                "type": "select",
```

```
                            "readOnly": false,
                            "name": "Size",
                            "lang": "en",
                            "variant": false,
                            "optionValues": []
                        },
                        "optionValue": {
                            "id": 750,
                            "code": "large",
                            "name": "Large",
                            "defaultValue": false,
                            "sortOrder": 0,
                            "image": null,
                            "price": null,
                            "description": null
                        }
                    },
                    "code": "colour-white:size-large",
                    "images": [],
                    "inventory": []
                }
            ]
        }
    ]
  }
```

Get Product Instance Group

Description:

Get product instance group details

Method:

GET

Url:

/api/v2/private/product/productInstanceGroup/50

Response:

status: OK

code: 200

js

```json
{
    "id": 50,
    "images": [],
    "productInstances": [
        {
            "id": 1002,
            "productShipeable": true,
            "available": false,
            "visible": true,
            "sortOrder": 1,
            "dateAvailable": "2022-02-23",
            "creationDate": null,
            "store": "DEFAULT",
            "productId": 26650,
            "sku": "A256TMW",
            "defaultSelection": false,
            "variant": {
                "id": 4,
                "code": "colour-white",
                "date": null,
                "sortOrder": 0,
                "defaultValue": false,
                "option": {
                    "id": 100,
                    "code": "COLOUR",
                    "type": "select",
                    "readOnly": false,
                    "name": "Colour",
                    "lang": "en",
                    "variant": false,
                    "optionValues": []
                },
                "optionValue": {
                    "id": 600,
                    "code": "white",
                    "name": "White",
                    "defaultValue": false,
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
                }
            },
        },
```

```json
        "variantValue": {
            "id": 100,
            "code": "size-medium",
            "date": null,
            "sortOrder": 0,
            "defaultValue": false,
            "option": {
                "id": 150,
                "code": "size",
                "type": "select",
                "readOnly": false,
                "name": "Size",
                "lang": "en",
                "variant": false,
                "optionValues": []
            },
            "optionValue": {
                "id": 700,
                "code": "medium",
                "name": "Medium",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        },
        "code": "colour-white:size-medium",
        "images": [],
        "inventory": []
    },
    {
        "id": 1003,
        "productShipeable": true,
        "available": false,
        "visible": true,
        "sortOrder": 10,
        "dateAvailable": "2022-02-23",
        "creationDate": null,
        "store": "DEFAULT",
        "productId": 26650,
        "sku": "A256TLW",
        "defaultSelection": false,
```

```
"variant": {
    "id": 4,
    "code": "colour-white",
    "date": null,
    "sortOrder": 0,
    "defaultValue": false,
    "option": {
        "id": 100,
        "code": "COLOUR",
        "type": "select",
        "readOnly": false,
        "name": "Colour",
        "lang": "en",
        "variant": false,
        "optionValues": []
    },
    "optionValue": {
        "id": 600,
        "code": "white",
        "name": "White",
        "defaultValue": false,
        "sortOrder": 0,
        "image": null,
        "price": null,
        "description": null
    }
},
"variantValue": {
    "id": 150,
    "code": "size-large",
    "date": null,
    "sortOrder": 0,
    "defaultValue": false,
    "option": {
        "id": 150,
        "code": "size",
        "type": "select",
        "readOnly": false,
        "name": "Size",
        "lang": "en",
        "variant": false,
        "optionValues": []
    },
```

```
            "optionValue": {
                "id": 750,
                "code": "large",
                "name": "Large",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        },
        "code": "colour-white:size-large",
        "images": [],
        "inventory": []
    }
  ]
 }
```

Add Product Instance Group images

Description:

Add an image to the product instance group

Method:

POST

Url:

/api/v2/private/product/productInstanceGroup/51/image

Header

```
  "key": "Content-Type",
 "value": "multipart/form-data"
```

Payload

```
    "formdata": [
        {
            "key": "file",
            "type": "file",
            "src": "/Users/carlsamson/Documents/csti/shopizer/images/misc/wh:
        },
        {
            "order": "0",
        }
```

Response:

status: Created

code: 201

js

Delete Product Instance Group

Description:

Delete a product instance group

Method:

DELETE

Url:

/api/v2/private/product/productInstanceGroup/1

Response:

status: OK

code: 200

js

Delete Product Instance Group Image

Description:

Remove an image to a product instance group

Method:

DELETE

Url:

/api/v2/private/product/productInstanceGroup/51/image/1

Response:

status: OK

code: 200

js

11. api/products/product-instances.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-instances.html

Product Variants

A Product Variant is a product definition with a SKU and Variants.

A Product definition will become a Product variant when variants are attached to it. An example for this is a simple Product variant (TShirt) will possibly have product variant such as TShirt Medium Black or TShirt Small White.

The product variant will be decorated with variants and will have a specific SKU attached to it.

Create Product variant

Description:

Creates a product variant

Method:

POST

Url:

/api/v2/private/product/26100/variant

Body:

js

```js
{
  "visible": true,
  "dateAvailable": "2022-07-01",
  "sortOrder": 1,
  "sku" : "A256TSW",
  "variant": 4,
  "variantValue": 100
}
```

Response:

status: Created

code: 201

js

```js
{
    "id": 150
}
```

Update Product variant

Description:

Method:

PUT

Url:

/api/v2/private/product/26100/variant/150

Body:

js

```
{
  "visible": true,
  "dateAvailable": "2022-07-01",
  "sortOrder": 2,
  "sku" : "A256TSW",
  "variant": 4,
  "variantValue": 100
}
```

Response:

status: OK

code: 200

js

Check if Product variant exists

Description:

Method:

GET

Url:

/api/v2/private/product/26100/variant/A256TSW/unique

Response:

status: OK

code: 200

js

```
{
    "exists": true
}
```

List product variants

Description:

Method:

GET

Url:

/api/v2/private/product/26100/variants

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "items": [
        {
            "id": 150,
            "productShipeable": true,
            "available": false,
            "visible": true,
            "sortOrder": 2,
            "dateAvailable": "2022-07-01",
            "creationDate": null,
            "store": "DEFAULT",
            "productId": 26100,
            "sku": "A256TSW",
            "defaultSelection": false,
            "variant": {
                "id": 4,
                "code": "colour-white",
                "date": null,
                "sortOrder": 0,
                "defaultValue": false,
                "option": {
                    "id": 100,
                    "code": "COLOUR",
                    "type": "select",
                    "readOnly": false,
                    "name": "Colour",
                    "lang": "en",
                    "variant": false,
                    "optionValues": []
                },
                "optionValue": {
                    "id": 600,
                    "code": "white",
                    "name": "White",
                    "defaultValue": false,
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
```

```
                }
            },
            "variantValue": {
                "id": 100,
                "code": "size-medium",
                "date": null,
                "sortOrder": 0,
                "defaultValue": false,
                "option": {
                    "id": 150,
                    "code": "size",
                    "type": "select",
                    "readOnly": false,
                    "name": "Size",
                    "lang": "en",
                    "variant": false,
                    "optionValues": []
                },
                "optionValue": {
                    "id": 700,
                    "code": "medium",
                    "name": "Medium",
                    "defaultValue": false,
                    "sortOrder": 0,
                    "image": null,
                    "price": null,
                    "description": null
                }
            },
            "code": "colour-white:size-medium",
            "images": [],
            "inventory": []
        }
    ]
 }
```

Get Product variant

Description:

Method:

GET

Url:

/api/v2/private/product/26100/variant/150

Response:

status: OK

code: 200

js

```json
{
    "id": 150,
    "productShipeable": true,
    "available": false,
    "visible": true,
    "sortOrder": 2,
    "dateAvailable": "2022-07-01",
    "creationDate": null,
    "store": "DEFAULT",
    "productId": 26100,
    "sku": "A256TSW",
    "defaultSelection": false,
    "variant": {
        "id": 4,
        "code": "colour-white",
        "date": null,
        "sortOrder": 0,
        "defaultValue": false,
        "option": {
            "id": 100,
            "code": "COLOUR",
            "type": "select",
            "readOnly": false,
            "name": "Colour",
            "lang": "en",
            "variant": false,
            "optionValues": []
        },
        "optionValue": {
            "id": 600,
            "code": "white",
            "name": "White",
            "defaultValue": false,
            "sortOrder": 0,
            "image": null,
            "price": null,
            "description": null
        }
    },
    "variantValue": {
        "id": 100,
        "code": "size-medium",
        "date": null,
```

```
        "sortOrder": 0,
        "defaultValue": false,
        "option": {
            "id": 150,
            "code": "size",
            "type": "select",
            "readOnly": false,
            "name": "Size",
            "lang": "en",
            "variant": false,
            "optionValues": []
        },
        "optionValue": {
            "id": 700,
            "code": "medium",
            "name": "Medium",
            "defaultValue": false,
            "sortOrder": 0,
            "image": null,
            "price": null,
            "description": null
        }
    },
    "code": "colour-white:size-medium",
    "images": [],
    "inventory": []
 }
```

Delete Product variant

Description:

Method:

DELETE

Url:

/api/v2/private/product/26100/variant/150

Response:

status: OK

code: 200

js

12. api/products/product-listing.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-listing.html

Product Listing

API for listing products based on different filters. All requests accept paging parameters 'page=' and expected page size 'count='. All query also accept the store 'store=' and language 'language=`'. Response will display the following fields:

"totalPages": 10,
"number": 20,
"recordsTotal": 185,

totalPages is the number of expected pages based on the number of records. number is the count sent in the request. recordsTotal is the total number of item in storage.

Filters can be combined in query for instance:

/api/v2/products?manufacturerId=100&optionValueCodes=white,large

Page products (list)

Description:

List all products

single or multiple filters can be applied.

Method:

GET

Url:

localhost:8080/api/v1/products

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 10,
    "number": 20,
    "recordsTotal": 185,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26000,
            "productShipeable": false,
            "available": false,
            "visible": true,
            "sortOrder": 0,
            "dateAvailable": "2022-06-22",
            "creationDate": "2022-06-22",
            "price": 7399,
            "quantity": 40,
            "sku": "3HS22004720X",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": -1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": "3HS22004720X",
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25598,
                "language": "en",
                "name": "Kids Status Helmet",
                "description": "<ul><li>Kids offroad helmet exclusively fo
                "friendlyUrl": "kids-status-helmet",
```

```json
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Kids Status Helmet"
        },
        "productPrice": {
            "id": 51052,
            "originalPrice": "SEK7,399.00",
            "finalPrice": "SEK7,399.00",
            "discounted": false,
            "description": {
                "id": 51081,
                "language": "en",
                "name": null,
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK7,399.00",
        "originalPrice": "SEK7,399.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2350,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/e/e9c5e3
                "videoUrl": "https://cms.jinomotos.com/pim/e/e9c5e3f1-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        ...,
}
```

List items in specific category

Description:

List all products filter by category (1 to multiple)

Method:

GET

Url:

/api/v12products

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 2,
    "recordsTotal": 2,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26850,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 5,
            "dateAvailable": "2022-09-02",
            "creationDate": "2022-09-04",
            "price": 34,
            "quantity": 1000,
            "sku": "PRBSK01",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
            "productSpecifications": {
                "height": 12,
                "weight": 250,
                "length": 8,
                "width": 14,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": null,
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25628,
                "language": "en",
                "name": "Nike Sport Shirt",
                "description": "Nike sport shirt",
                "friendlyUrl": "nike-sport-shirt",
```

```json
        "keyWords": "",
        "highlights": "",
        "metaDescription": "",
        "title": "Nike Sport Shirt"
    },
    "productPrice": {
        "id": 51900,
        "originalPrice": "SEK34.00",
        "finalPrice": "SEK34.00",
        "discounted": false,
        "description": {
            "id": 51111,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK34.00",
    "originalPrice": "SEK34.00",
    "discounted": false,
    "image": null,
    "images": [],
    "manufacturer": {
        "id": 100,
        "code": "nike",
        "order": 0,
        "description": {
            "id": 32,
            "language": "en",
            "name": "Nike",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
```

```
        },
        "attributes": [],
        "options": [],
        "variants": [],
        "properties": [],
        "categories": [
            {
                "id": 10800,
                "code": "sport-shirts",
                "sortOrder": 10,
                "visible": true,
                "featured": false,
                "lineage": "/10800/",
                "depth": 0,
                "parent": null,
                "description": {
                    "id": 373,
                    "language": "en",
                    "name": "Training Shirts",
                    "description": null,
                    "friendlyUrl": "training-shirts",
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": "Training Shirts"
                },
                "productCount": 0,
                "store": "DEFAULT",
                "children": []
            }
        ],
        "type": {
            "id": 150,
            "code": "default",
            "visible": true,
            "allowAddToCart": true,
            "description": null
        },
        "canBePurchased": true,
        "owner": null
    },
    ...
```

```
        ]
    }
```

List items having a name like

Description:

List all products filtered by name

Method:

GET

Url:

localhost:8080/api/v1/products

Response:

status: OK

code: 200

js

```
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26850,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 5,
            "dateAvailable": "2022-09-02",
            "creationDate": "2022-09-04",
            "price": 34,
            "quantity": 1000,
            "sku": "PRBSK01",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
            "productSpecifications": {
                "height": 12,
                "weight": 250,
                "length": 8,
                "width": 14,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
        ...
    ]
}
```

List items filtered by manufacturer

Description:

List all products filter by a specific category id.

Method:

GET

Url:

localhost:8080/api/v1/products

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26900,
            "productShipeable": true,
            "available": true,
            "visible": true,
            "sortOrder": 7,
            "dateAvailable": "2022-09-06",
            "creationDate": "2022-09-06",
            "price": 32,
            "quantity": 0,
            "sku": "ATRS01",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": 1,
            "productIsFree": false,
             "canBePurchased": false,
            "owner": null,
            ...
        }
    ]
}
```

List items filtered by option value id(s)

Description:

List all products filter by product option value id (1 .. n)

Method:

GET

Url:

/api/v2/products?optionValueIds=800,700

Response:

status: OK

code: 200

js

```
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26750,
            "productShipeable": true,
            "available": true,
            ...
         },
            "canBePurchased": false,
            "owner": null
        }
    ]
}
```

List items filtered by option value code(s)

Description:

List products filter by option value code.

Method:

GET

Url:

/api/v2/products?optionValueCodes=coton

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 2,
    "number": 100,
    "recordsTotal": 185,
    "recordsFiltered": 0,
    "products": [
        {
            "id": 26000,
            "productShipeable": false,
            "available": false,
            "visible": true,
            "sortOrder": 0,
            "dateAvailable": "2022-06-22",
            "creationDate": "2022-06-22",
            "price": 7399,
            "quantity": 40,
            "sku": "3HS22004720X",
            "preOrder": false,
            "productVirtual": false,
            "quantityOrderMaximum": 1,
            "quantityOrderMinimum": -1,
            "productIsFree": false,
            "productSpecifications": {
                "height": null,
                "weight": null,
                "length": null,
                "width": null,
                "model": null,
                "manufacturer": null,
                "dimensionUnitOfMeasure": "cm",
                "weightUnitOfMeasure": "kg"
            },
            "rating": 0,
            "ratingCount": 0,
            "refSku": "3HS22004720X",
            "rentalDuration": 0,
            "rentalPeriod": 0,
            "description": {
                "id": 25598,
                "language": "en",
                "name": "Kids Status Helmet",
                "description": "<ul><li>Kids offroad helmet exclusively fo
                "friendlyUrl": "kids-status-helmet",
```

```json
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": "Kids Status Helmet"
        },
        "productPrice": {
            "id": 51052,
            "originalPrice": "SEK7,399.00",
            "finalPrice": "SEK7,399.00",
            "discounted": false,
            "description": {
                "id": 51081,
                "language": "en",
                "name": null,
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null,
                "priceAppender": null
            }
        },
        "finalPrice": "SEK7,399.00",
        "originalPrice": "SEK7,399.00",
        "discounted": false,
        "image": null,
        "images": [
            {
                "id": 2350,
                "imageName": null,
                "imageUrl": "http://localhost:8080/static/products/DEF/
                "externalUrl": "https://cms.jinomotos.com/pim/e/e9c5e3
                "videoUrl": "https://cms.jinomotos.com/pim/e/e9c5e3f1-
                "imageType": 1,
                "order": 0,
                "defaultImage": true
            }
        ],
        "manufacturer": null,
        "attributes": [],
        "options": [
            {
```

```json
        "id": 102,
        "code": "SIZE_HELMET",
        "type": "select",
        "readOnly": false,
        "name": "Size",
        "lang": "en",
        "variant": true,
        "optionValues": [
            {
                "id": 100,
                "code": "SIZE_HELMET-S-47-48",
                "name": null,
                "defaultValue": false,
                "sortOrder": 20,
                "image": null,
                "order": 0,
                "price": null,
                "description": {
                    "id": 0,
                    "language": "en",
                    "name": "S/47-48",
                    "description": "S/47-48",
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            },
            {
                "id": 101,
                "code": "SIZE_HELMET-M-49-50",
                "name": null,
                "defaultValue": false,
                "sortOrder": 30,
                "image": null,
                "order": 0,
                "price": null,
                "description": {
                    "id": 0,
                    "language": "en",
                    "name": "M/49-50",
                    "description": "M/49-50",
```

```json
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            },
            {
                "id": 102,
                "code": "SIZE_HELMET-L-51-52",
                "name": null,
                "defaultValue": false,
                "sortOrder": 30,
                "image": null,
                "order": 0,
                "price": null,
                "description": {
                    "id": 0,
                    "language": "en",
                    "name": "L/51-52",
                    "description": "L/51-52",
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            }
        ]
    }
],
"variants": [
    {
        "id": 100,
        "productShipeable": false,
        "available": false,
        "visible": true,
        "sortOrder": 1,
        "dateAvailable": "2022-02-22",
        "creationDate": null,
        "store": "DEFAULT",
        "productId": 26000,
        "sku": "3HS220047202",
```

```json
"defaultSelection": false,
"variant": {
    "id": 2,
    "code": "helmet-size-s-47-48",
    "date": null,
    "sortOrder": 0,
    "defaultValue": false,
    "option": {
        "id": 102,
        "code": "SIZE_HELMET",
        "type": "select",
        "readOnly": false,
        "name": "Size",
        "lang": "en",
        "variant": false,
        "optionValues": []
    },
    "optionValue": {
        "id": 602,
        "code": "SIZE_HELMET-S-47-48",
        "name": "S/47-48",
        "defaultValue": false,
        "sortOrder": 0,
        "image": null,
        "price": null,
        "description": null
    }
},
"variantValue": null,
"code": "helmet-size-s-47-48",
"images": [],
"inventory": [
    {
        "id": 25951,
        "quantity": 40,
        "region": "*",
        "regionVariant": null,
        "owner": null,
        "dateAvailable": null,
        "available": true,
        "productQuantityOrderMin": -1,
        "productQuantityOrderMax": 1,
        "creationDate": null,
```

```json
"store": {
    "id": 1,
    "code": "DEFAULT",
    "name": "MCSport",
    "defaultLanguage": "en",
    "currency": "SEK",
    "inBusinessSince": "2021-01-03",
    "email": "info@mcsport.se",
    "phone": "08-594 307 70",
    "template": null,
    "useCache": true,
    "currencyFormatNational": false,
    "retailer": true,
    "dimension": "CM",
    "weight": "KG",
    "currentUserLanguage": null,
    "address": {
        "stateProvince": "Stockholm",
        "country": "CA",
        "address": "V&amp;auml;stbergav&amp;aur
        "postalCode": "12630",
        "city": "H&amp;auml;gersten",
        "active": true
    },
    "logo": null,
    "parent": null,
    "supportedLanguages": [
        {
            "code": "en",
            "id": 1
        },
        {
            "code": "sv",
            "id": 4
        }
    ],
    "readableAudit": null
},
"sku": "3HS220047202",
"prices": [
    {
        "id": 51052,
        "originalPrice": "SEK7,399.00",
```

```
                                                      "finalPrice": "SEK7,399.00",
                                                      "discounted": false,
                                                      "description": {
                                                          "id": 51081,
                                                          "language": "en",
                                                          "name": "DEFAULT",
                                                          "description": null,
                                                          "friendlyUrl": null,
                                                          "keyWords": null,
                                                          "highlights": null,
                                                          "metaDescription": null,
                                                          "title": null,
                                                          "priceAppender": null
                                                      }
                                                  }
                                              ]
                                          }
                                      ]
                                  },
                                  ...

                              ]
                          }
```

13. api/products/product-options.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-options.html

Product Options

Product Options can be used for creating product variants that customer can select.

Create option

Description:

API for the creation of a product option

Method:

POST

Url:

/api/v1/private/product/option

Body:

js

```
{
  "code": "color",
  "descriptions": [
    {
      "name": "Color",
      "language": "en"
    },
    {
      "name": "Couleur",
      "language": "fr"
    }
  ],
  "order": 1,
  "type": "radio"
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 1,
    "code": "color",
    "type": "radio",
    "readOnly": false,
    "order": 0,
    "description": {
        "id": 1,
        "language": "en",
        "name": "Color",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value

Description:

API for the creation of a product option

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```json
{
    "code": "white",
    "descriptions": [
        {
            "name": "White",
            "language": "en"
        },
        {
            "name": "Blanc",
            "language": "fr"
        }
    ],
    "order": 0
}
```

Response:

status: Created

code: 201

js

```
 {
     "id": 1,
     "code": "white",
     "name": null,
     "defaultValue": false,
     "sortOrder": 0,
     "image": null,
     "order": 0,
     "price": null,
     "description": {
         "id": 1,
         "language": "en",
         "name": "White",
         "description": null,
         "friendlyUrl": null,
         "keyWords": null,
         "highlights": null,
         "metaDescription": null,
         "title": null
     }
 }
```

Get product options

Description:

Get product options

Method:

GET

Url:

/api/v1/private/product/options

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 0,
    "recordsTotal": 2,
    "recordsFiltered": 0,
    "options": [
        {
            "id": 1,
            "code": "color",
            "type": "radio",
            "readOnly": false,
            "order": 0,
            "description": null,
            "descriptions": [
                {
                    "id": 2,
                    "language": "fr",
                    "name": "Couleur",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                },
                {
                    "id": 1,
                    "language": "en",
                    "name": "Color",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            ]
        },
        {
            "id": 3,
            "code": "size",
            "type": "select",
            "readOnly": false,
```

```
            "order": 0,
            "description": null,
            "descriptions": [
                {
                    "id": 5,
                    "language": "en",
                    "name": "Size",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                },
                {
                    "id": 6,
                    "language": "fr",
                    "name": "Grandeur",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            ]
        }
    ]
}
```

Udate product option

Description:

API for the update of a product option
The same applies for editing a product option value

PUT /api/v1/product/option/value

Method:

POST

Url:

/api/v1/private/product/

Body:

js

```
{
   "code": "size",
   "descriptions": [
     {
       "name": "Size",
       "language": "en"
     },
     {
       "name": "Grandeur",
       "language": "fr"
     }
   ],
   "order": 4,
   "type": "select"
}
```

Delete product option

Description:

API for deleting a product option
The same applies for deleting a product option value

DELETE /api/v1/product/option/value

** If an option is attached to a product variants or attribute, the attachment should be removed first

Method:

DELETE

Url:

/api/v1/private/product/

14. api/products/product-properties.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-properties.html

Product Properties

Properties (attributes) adds extension to the product core attributes by allowing the creation of custom properties (attributes).

Create option

Description:

API for the creation of a product option. A product option is necessary for creating a product attribute. readonly field for a product option dedicated to become a product attribute must have **readonly** field set to true

Examples of product options for attribute:

- Maximum Heat
- Minimum Heat
- Weight Capacity
-...

Method:

POST

Url:

/api/v1/private/product/option

Body:

js

```
{
  "code": "fabric",
  "readonly": true,
  "descriptions": [
    {
      "name": "Fabric",
      "language": "en"
    },
    {
      "name": "Matériel",
      "language": "fr"
    }
  ]
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 2,
    "code": "fabric",
    "type": null,
    "readOnly": false,
    "order": 0,
    "description": {
        "id": 4,
        "language": "en",
        "name": "Fabric",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create option value

Description:

API for the creation of a product option value. Product option value in this situation will be used to create product attribute with predefined lists of product option and product option value

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
{
  "code": "coton",
  "descriptions": [
    {
      "name": "Coton",
      "language": "en"
    },
    {
      "name": "Coton",
      "language": "fr"
    }
  ],
  "order": 0
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 1,
    "code": "coton",
    "name": null,
    "defaultValue": false,
    "sortOrder": 0,
    "image": null,
    "order": 0,
    "price": null,
    "description": {
        "id": 2,
        "language": "en",
        "name": "Coton",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create Product Property (With Option and predefined Option value)

Description:

Create a product custom property using a predefined product option and a predefined product option value

Method:

POST

Url:

/api/v1/private/product/1/attribute

Body:

js

```json
{
  "attributeDisplayOnly": true,
  "option": {
    "id": 2
  },
  "optionValue": {
    "id": 1
  },
  "sortOrder": 0
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 1
}
```

Create Product Property (With Option and no predefined Option value)

Description:

Create a product custom property using a predefined product option and no predefined option value. That is any text you may want to add as an option value. As long as the value contains all defined languages.

Method:

POST

Url:

/api/v1/private/product/50/attribute

Body:

js

```
{
  "attributeDisplayOnly": true,
  "option": {
    "id": 2
  },
  "optionValue": {
    "descriptions": [
      {
        "name":"Lin",
        "language":"fr"

      },
      {
        "name":"Linen",
        "language":"en"

      }
    ]
  },
  "sortOrder": 0
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 50
}
```

List product properties

Description:

Method:

GET

Url:

/api/v1/private/product/50/attributes

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "attributes": [
        {
            "id": 50,
            "sortOrder": 0,
            "attributeDefault": false,
            "attributeDisplayOnly": true,
            "productAttributeWeight": "0",
            "productAttributePrice": null,
            "productAttributeUnformattedPrice": null,
            "option": {
                "id": 2,
                "code": "fabric",
                "type": null,
                "readOnly": false,
                "order": 0,
                "description": {
                    "id": 4,
                    "language": "en",
                    "name": "Fabric",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            },
            "optionValue": {
                "id": 50,
                "code": "8ce3ae8f-6f05-4191-a635-3c76a42d439a",
                "name": null,
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "order": 0,
                "price": null,
                "description": {
                    "id": 4,
```

```
                    "language": "en",
                    "name": "Linen",
                    "description": null,
                    "friendlyUrl": null,
                    "keyWords": null,
                    "highlights": null,
                    "metaDescription": null,
                    "title": null
                }
            }
        }
    ]
 }
```

Get product property

Description:

Method:

GET

Url:

/api/v1/private/product/50/attribute/50

Response:

status: OK

code: 200

js

```json
{
    "id": 50,
    "sortOrder": 0,
    "attributeDefault": false,
    "attributeDisplayOnly": true,
    "productAttributeWeight": "0",
    "productAttributePrice": null,
    "productAttributeUnformattedPrice": null,
    "option": {
        "id": 2,
        "code": "fabric",
        "type": null,
        "readOnly": false,
        "order": 0,
        "description": {
            "id": 4,
            "language": "en",
            "name": "Fabric",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    },
    "optionValue": {
        "id": 50,
        "code": "8ce3ae8f-6f05-4191-a635-3c76a42d439a",
        "name": null,
        "defaultValue": false,
        "sortOrder": 0,
        "image": null,
        "order": 0,
        "price": null,
        "description": {
            "id": 4,
            "language": "en",
            "name": "Linen",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
```

```
            "metaDescription": null,
            "title": null
        }
    }
  }
```

Remove a product property

Description:

Removes a property from a product

Method:

DELETE

Url:

/api/v1/private/product/50/attribute/50

Response:

status: OK

code: 200

js

15. api/products/product-search.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-search.html

Product Search

Full text search of Products and Keywords autocomplete. Those apis requires to have a search starter such as Open Search starter configured.

Search products

Description:

Search products for a given Merchant Store and language.

Method:

POST

Url:

/api/v1/search

Body:

js

```
{
  "count": 20,
  "query": "shirt",
  "start": 0
}
```

Response:

status: OK

code: 200

js

```json
[
    {
        "store": "default",
        "language": "en",
        "name": "Nike Sport Shirt",
        "description": "Nike sport shirt",
        "image": null,
        "addToCart": true,
        "brand": "Nike",
        "category": "Training Shirts",
        "variants": null,
        "attributes": null,
        "price": "34.00",
        "id": 26850,
        "reviews": null,
        "suggestions": null
    },
    {
        "store": "default",
        "language": "en",
        "name": "T Shirt",
        "description": "Light cotton T Shirt",
        "image": "white-tshirt.jpeg",
        "addToCart": true,
        "brand": "DEFAULT",
        "category": "Cotton Shirts",
        "variants": [
            {
                "size": "medium",
                "COLOUR": "white"
            }
        ],
        "attributes": {
            "fabric": "Coton"
        },
        "price": "29.00",
        "id": 26750,
        "reviews": null,
        "suggestions": null
    }
]
```

Search keywords

Description:

Autocomplete search.

Method:

POST

Url:

/api/v1/search/autocomplete?store=DEFAULT&language=en

Body:

js

```
{
  "count": 20,
  "query": "toto",
  "start": 0
}
```

Response:

status: OK

code: 200

js

```
{
    "values": [
        "Nike Sport Shirt",
        "T Shirt"
    ]
}
```

16. api/products/product-types.html

Product Types

Products can have a Product Type (type). A type can be used for grouping products based on specifics characteristics. A type can also be used at runtime to determine and drive code functionality..

Create Product Type

Description:

Creates a product type

Method:

POST

Url:

/api/v1/private/product/type

Body:

js

```
{
  "code" : "ecoproduct",
  "order" : 1,
  "descriptions" : [
    {
        "language" : "en",
        "name" : "Eco Product"
    },
    {
        "language" : "fr",
        "name" : "Produit Ecologique"
    }
  ]
}
```

Response:

status: OK

code: 200

js

```
{
    "id": 50
}
```

Edit Product Type

Description:

Edit a product type

Method:

PUT

Url:

/api/v1/private/product/type/50

Body:

js

```
 {
   "code" : "ecoproduct",
   "order" : 1,
   "descriptions" : [
     {
         "language" : "en",
         "name" : "Eco Product"
     },
     {
         "language" : "fr",
         "name" : "Produit Écologique"
     }
   ]
 }
```

Response:

status: OK

code: 200

js

Get product type

Description:

Get a product type by id

Method:

GET

Url:

/api/v1/private/product/type/50

Body:

js

```
{
  "code" : "ecoproduct",
  "order" : 1,
  "descriptions" : [
    {
        "language" : "en",
        "name" : "Eco Product"
    },
    {
        "language" : "fr",
        "name" : "Produit Écologique"
    }
  ]
}
```

Response:

status: OK

code: 200

js

```
{
    "id": 50,
    "code": "ecoproduct",
    "visible": false,
    "allowAddToCart": false,
    "description": {
        "id": 2,
        "language": "en",
        "name": "Eco Product",
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

List Product Types

Description:

List product types by store. Request parameter stpre='CODE" can be used for filtering the store. If no request parameter is used then the system will use the user's associated store

Method:

GET

Url:

/api/v1/private/product/types

Body:

js

```
{
  "code" : "ecoproduct",
  "order" : 1,
  "descriptions" : [
    {
        "language" : "en",
        "name" : "Eco Product"
    },
    {
        "language" : "fr",
        "name" : "Produit Écologique"
    }
  ]
}
```

Response:

status: OK

code: 200

js

```
{
    "totalPages": 1,
    "number": 0,
    "recordsTotal": 1,
    "recordsFiltered": 10,
    "list": [
        {
            "id": 50,
            "code": "ecoproduct",
            "visible": false,
            "allowAddToCart": false,
            "description": {
                "id": 2,
                "language": "en",
                "name": "Eco Product",
                "description": null,
                "friendlyUrl": null,
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": null
            }
        }
    ]
}
```

Delete Product Type

Description:

Delete a product type by id

Method:

DELETE

Url:

/api/v1/private/product/type/50

Response:

status: OK

code: 200

js

17. api/products/product-variants.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product-variants.html

Product Variants

Product variants will add the possibility to attach options to a product.

Examples of product variants are:

- White T Shirt
- Medium Black T Shirt

It essentially adds variations to a product definition.

Requires the creation of Option then option Values

Create an Option - color

Description:

Method:

POST

Url:

/api/v1/private/product/option

Body:

js

```
{
  "code": "color",
  "descriptions": [
    {
      "description": "Color",
      "language" : "en",
      "name": "Color",
      "title": "Color"
    }
  ],
  "order": 10,
  "type": "select"
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 50,
    "code": "color",
    "type": "select",
    "readOnly": false,
    "order": 0,
    "description": {
        "id": 5,
        "language": "en",
        "name": "Color",
        "description": "Color",
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create an Option Value

Description:

Method:

POST

Url:

/api/v1/private/product/option/value

Body:

js

```
{
  "code": "white",
  "defaultValue": true,
  "descriptions": [
    {
      "description": "White",
      "language": "en",
      "name": "White"
    }
  ],
  "sortOrder": 10
}
```

Response:

status: Created

code: 201

js

```
{
    "id": 100,
    "code": "white",
    "name": null,
    "defaultValue": false,
    "sortOrder": 0,
    "image": null,
    "order": 10,
    "price": null,
    "description": {
        "id": 5,
        "language": "en",
        "name": "White",
        "description": "White",
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null
    }
}
```

Create Product Variant

Description:

Creates a Product Variant that contains an option and an option value.

Method:

POST

Url:

/api/v2/private/product/variant

Body:

js

```json
{
  "code": "color-white",
  "defaultValue": true,
  "option": 50,
  "optionValue": 100,
  "sortOrder": 0
}
```

Response:

status: Created

code: 201

js

```json
{
    "id": 0
}
```

List Variants

Description:

List variants for a given Merchant Store

Method:

GET

Url:

/api/v2/private/product/variant?store=DEFAULT

Response:

status: OK

code: 200

js

```json
{
    "totalPages": 1,
    "number": 1,
    "recordsTotal": 1,
    "recordsFiltered": 0,
    "items": [
        {
            "id": 1,
            "code": "color-white",
            "date": null,
            "sortOrder": 0,
            "defaultValue": false,
            "option": {
                "id": 50,
                "code": "color",
                "type": "select",
                "readOnly": false,
                "name": "Color",
                "lang": "en",
                "variant": false,
                "optionValues": []
            },
            "optionValue": {
                "id": 100,
                "code": "white",
                "name": "White",
                "defaultValue": false,
                "sortOrder": 0,
                "image": null,
                "price": null,
                "description": null
            }
        }
    ]
}
```

Get Variant

Description:

Method:

GET

Url:

/api/v2/private/product/variant/1

Response:

status: OK

code: 200

js

```
{
    "id": 1,
    "code": "color-white",
    "date": null,
    "sortOrder": 0,
    "defaultValue": false,
    "option": {
        "id": 50,
        "code": "color",
        "type": "select",
        "readOnly": false,
        "name": "Color",
        "lang": "en",
        "variant": false,
        "optionValues": []
    },
    "optionValue": {
        "id": 100,
        "code": "white",
        "name": "White",
        "defaultValue": false,
        "sortOrder": 0,
        "image": null,
        "price": null,
        "description": null
    }
}
```

Remove Variant

Description:

Removes a property from a product

Method:

DELETE

Url:

/api/v2/private/product/variant/1

Response:

status: OK

code: 200

js

18. api/products/product.html

URL: https://shopizer-ecommerce.github.io/documentation/api/products/product.html

Product

Product api is the complete object that should be used when listing products or getting product details. It differs from Product Definition since product definition is a summary of the product object.

get product by sku

Description:

Get a product by sku.

Method:

GET

Url:

/api/v2/product/79702984044?lang=en&store=DEFAULT

Response:

status: OK

code: 200

js

```json
{
    "id": 25655,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 1,
    "dateAvailable": "2022-03-28",
    "creationDate": "2022-03-28",
    "price": 1172,
    "quantity": 3,
    "sku": "79702984044",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": null,
        "weight": null,
        "length": null,
        "width": null,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": "79702984044",
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25244,
        "language": "en",
        "name": "Wrap-around handguard kit",
        "description": "<ul><li>Including all required assembly materials</
        "friendlyUrl": "wrap-around-handguard-kit",
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": "Wrap-around handguard kit"
    },
    "productPrice": {
```

```json
    "id": 50558,
    "originalPrice": "SEK1,172.00",
    "finalPrice": "SEK1,172.00",
    "discounted": false,
    "description": {
        "id": 50372,
        "language": "en",
        "name": null,
        "description": null,
        "friendlyUrl": null,
        "keyWords": null,
        "highlights": null,
        "metaDescription": null,
        "title": null,
        "priceAppender": null
    }
},
"finalPrice": "SEK1,172.00",
"originalPrice": "SEK1,172.00",
"discounted": false,
"image": null,
"images": [
    {
        "id": 2103,
        "imageName": null,
        "imageUrl": "http://localhost:8080/static/products/DEFAULT/797(
        "externalUrl": "https://cms.jinomotos.com/pim/7/7b75de5b-c86b-4
        "videoUrl": "https://cms.jinomotos.com/pim/7/7b75de5b-c86b-4ba8
        "imageType": 1,
        "order": 0,
        "defaultImage": true
    },
    {
        "id": 2104,
        "imageName": null,
        "imageUrl": "http://localhost:8080/static/products/DEFAULT/797(
        "externalUrl": "https://cms.jinomotos.com/pim/2/285a6966-77b2-4
        "videoUrl": "https://cms.jinomotos.com/pim/2/285a6966-77b2-43a(
        "imageType": 1,
        "order": 0,
        "defaultImage": false
    }
],
```

```json
    "manufacturer": null,
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
        {
            "id": 10600,
            "code": "handguards",
            "sortOrder": 0,
            "visible": true,
            "featured": false,
            "lineage": "/10150//10004/10600/",
            "depth": 2,
            "parent": {
                "id": 10004,
                "code": "plastics"
            },
            "description": {
                "id": 346,
                "language": "en",
                "name": "Hand Guards",
                "description": null,
                "friendlyUrl": "handguards",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Hand Guards"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
```

```
      "owner": null
  }
```

get product by friendly url

Description:

Get a product by friendly url.

Method:

GET

Url:

/api/v2/product/slug/nike-sport-shirt

Response:

status: OK

code: 200

js

```json
{
    "id": 26850,
    "productShipeable": true,
    "available": true,
    "visible": true,
    "sortOrder": 5,
    "dateAvailable": "2022-09-02",
    "creationDate": "2022-09-04",
    "price": 34,
    "quantity": 1000,
    "sku": "PRBSK01",
    "preOrder": false,
    "productVirtual": false,
    "quantityOrderMaximum": 1,
    "quantityOrderMinimum": 1,
    "productIsFree": false,
    "productSpecifications": {
        "height": 12,
        "weight": 250,
        "length": 8,
        "width": 14,
        "model": null,
        "manufacturer": null,
        "dimensionUnitOfMeasure": "cm",
        "weightUnitOfMeasure": "kg"
    },
    "rating": 0,
    "ratingCount": 0,
    "refSku": null,
    "rentalDuration": 0,
    "rentalPeriod": 0,
    "description": {
        "id": 25628,
        "language": "en",
        "name": "Nike Sport Shirt",
        "description": "Nike sport shirt",
        "friendlyUrl": "nike-sport-shirt",
        "keyWords": "",
        "highlights": "",
        "metaDescription": "",
        "title": "Nike Sport Shirt"
    },
    "productPrice": {
```

```json
        "id": 51900,
        "originalPrice": "SEK34.00",
        "finalPrice": "SEK34.00",
        "discounted": false,
        "description": {
            "id": 51111,
            "language": "en",
            "name": null,
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null,
            "priceAppender": null
        }
    },
    "finalPrice": "SEK34.00",
    "originalPrice": "SEK34.00",
    "discounted": false,
    "image": null,
    "images": [],
    "manufacturer": {
        "id": 100,
        "code": "nike",
        "order": 0,
        "description": {
            "id": 32,
            "language": "en",
            "name": "Nike",
            "description": null,
            "friendlyUrl": null,
            "keyWords": null,
            "highlights": null,
            "metaDescription": null,
            "title": null
        }
    },
    "attributes": [],
    "options": [],
    "variants": [],
    "properties": [],
    "categories": [
```

```json
        {
            "id": 10800,
            "code": "sport-shirts",
            "sortOrder": 10,
            "visible": true,
            "featured": false,
            "lineage": "/10800/",
            "depth": 0,
            "parent": null,
            "description": {
                "id": 373,
                "language": "en",
                "name": "Training Shirts",
                "description": null,
                "friendlyUrl": "training-shirts",
                "keyWords": null,
                "highlights": null,
                "metaDescription": null,
                "title": "Training Shirts"
            },
            "productCount": 0,
            "store": "DEFAULT",
            "children": []
        }
    ],
    "type": {
        "id": 150,
        "code": "default",
        "visible": true,
        "allowAddToCart": true,
        "description": null
    },
    "canBePurchased": true,
    "owner": null
}
```
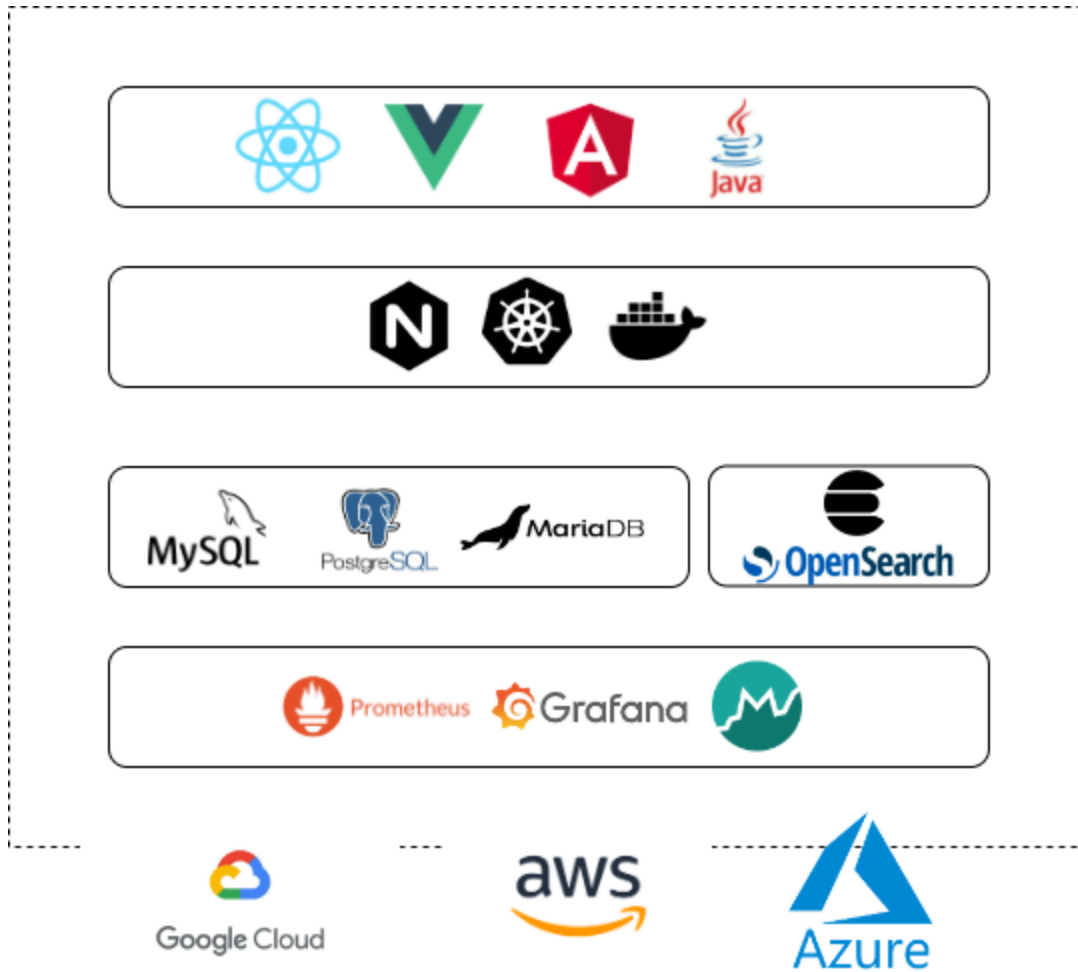
19. architecture/index.html

URL: https://shopizer-ecommerce.github.io/documentation/architecture/index.html

Architecture

Shopizer is enterprise open source e-commerce software for retailers who want flexibility, speed and control of their commerce platform. Shopizer is a software solution that gives organisations the ultimate flexibility to take an experience-first approach to commerce, with simple powerful APIs and built in store models.

Key technical benefits

- Headless commerce
- Services built with Spring framework (Spring boot, Spring Security)
- Front end Angular - React - Vuejs
- CICD, Vulnerability checks
- Open source and open standards
- On Prem - Cloud
- Run from containers or from individual processes (npm, tomcat)
- Extensions are built as spring starter components
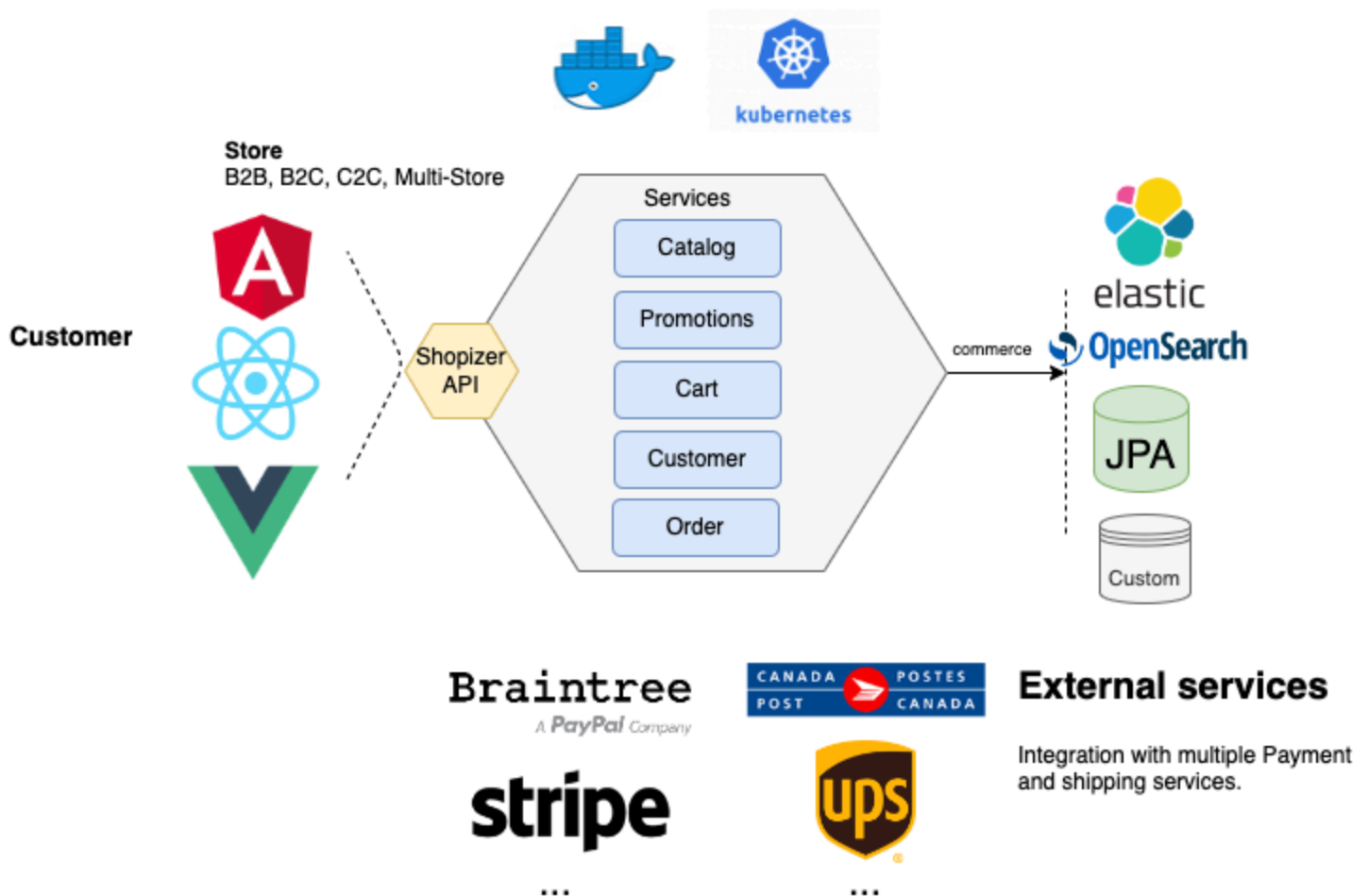
Integrationss

Shopizer supports integration with external payment and shipping modules such as Stripe, Fedex, Braintree, Square USPS and more. A set of module extensions allows using various content management storage such as JBoss Infinispan, AWS S3 and external web servers such as NGINX or Apache server. Elastic and Open Searh provide searching functionality.

A REST api exposes all commerce functionality (B2C, B2B, C2C, Multi-Stores) as well as complete system administration. Spring Security configured out of the box with JWT Bearer token authentication provides application interface authentication and authorization.

20. build-and-run.html

URL: https://shopizer-ecommerce.github.io/documentation/build-and-run.html

Build and run Shopizer

The purpose of this section is to provide new users with the basics of Shopizer e-commerce framework in order to get started in their projects. It will walk the reader through the steps of installing and configuring Shopizer as well as running demo application locally.

These instructions are for running legacy Shopizer with JSP frontends as well as Shopizer backend version with Angular admin and React shop front.

Build Shopizer

Build from the source files. Open a terminal or console

sh

```
git clone git@github.com:shopizer-ecommerce/shopizer.git
cd shopizer
```

Build using Maven

sh

```
mvnw clean install
```

This command should result in a success message. If you have any errors during this process and require assistance,feel free to use Shopizer forum. See Shopizer forum for asking or searching Shopizer build related questions.

Start Shopizer

sh

```
cd sm-shop
mvnw spring-boot:run
```

Once the terminal or console displays that Shopizer is running and listening on service port and ready to be used.

Open a browser and type url **localhost:8080**

This will open Shopizer headless api. You can view all application interfaces available by opening **localhost:8080/swagger-ui.html**

Build and run Shopizer Angular administration app

Angular app consuming Shopizer administration services endpoints

sh

```
git clone git@github.com:shopizer-ecommerce/shopizer-admin.git
cd shopizer-admin
```

Build using npm

sh

```
npm i
```

Start app

sh

```
ng serve -o
```

Open a browser on **localhost:4200**

Username: **admin@shopizer.com**

Password: **password**

All software requirements for Node and Angular are specified in README.md file int the project root

Build Shopizer store React app

This is a showcase React app consuming Shopizer services endpoints

From a terminal or console

sh

```
git clone git@github.com:shopizer-ecommerce/shopizer-shop-reactjs.git
cd shopizer-shop-reactjs
```

Build using npm

sh

```
npm i
```

This command should result in a success message. If you have any errors during this process and require assistance,feel free to use Shopizer forum. See Shopizer forum for asking or searching Shopizer build related questions.

Start app

sh

```
npm run dev
```

Once the terminal or console displays that Shopizer is running and listening on service port and ready to be used.

All software requirements for Node js are specified in README.md file int the project root

21. configuration/database.html

Database configuration

Shopizer has been tested and supports H2, MySQL (recommended), MariaDB and Postgresql databases. Shopizer comes pre-configured with H2 database. H2 is an embedded database (http://www.h2database.com) configured by default to save data on files.

This pre-configuration should only be used for testing and never be used in a production environment.

Configure Shopizer with H2 database

By default H2 files are saved into your application server runtime directory. To change the location where the files have to be saved, edit sm-shop/src/main/resources/database.properties and edit the line

sh

```
db.jdbcUrl=jdbc\:h2\:file\:c:/SALESMANAGER;AUTOCOMMIT\=OFF;INIT\=CREATE SCI
```

Make sure the file path is a valid existing directory. In this case the configuration file will be saved in c:\

Configure Shopizer with MySQL

Log to your MySQL as root and create schema SALESMANAGER

sh

```
mysql>CREATE DATABASE SALESMANAGER;
mysql>GRANT USAGE, SELECT ON *.* TO <YOUR USERNAME>@localhost IDENTIFIED B'
mysql>GRANT ALL ON SALESMANAGER.* TO <YOUR USERNAME>@localhost;
mysql>GRANT FILE ON *.* TO <YOUR USERNAME>@localhost;
mysql>FLUSH PRIVILEGES;
```

Example

sh

```
mysql>CREATE DATABASE SALESMANAGER;
mysql>GRANT USAGE, SELECT ON *.* TO testuser@localhost IDENTIFIED BY 'passw
mysql>GRANT ALL ON SALESMANAGER.* TO testuser@localhost;
mysql>FLUSH PRIVILEGES;
```

Create user that can connect from everywhere

sh

```
mysql>CREATE USER 'mysuer'@'%' IDENTIFIED BY 'mypassword';
mysql>GRANT USAGE, SELECT ON MYDB.* TO 'mysuer'@'%' with grant option;
mysql>GRANT ALL ON MYDB.* TO 'mysuer'@'%';
mysql>FLUSH PRIVILEGES;
```

Edit **sm-shop/src/main/resources/database.properties**

sh

```
db.jdbcUrl=jdbc:mysql://localhost:3306/SALESMANAGER?autoReconnect=true&useU
db.user=YOUR USERNAME
db.password=YOUR PASSWORD
db.driverClass=com.mysql.jdbc.Driver
hibernate.dialect=org.hibernate.dialect.MySQL5InnoDBDialect
db.preferredTestQuery=SELECT 1

db.schema=SALESMANAGER
hibernate.hbm2ddl.auto=update
```

Note: Database and table names are not case sensitive in Windows, and case sensitive in most varieties of Unix-Linux. Consequently MySQL which uses lower case schema and table names will not be able to see the schema and tables which are created upper case in Shopizer. If you get an exception of a table not being found and being displayed in lower case in the error message, you will have to specify this property in My.cnf. To resolve the issue set the lower_case_table_names to 1 in **My.cnf** configuration file.

Edit **My.cnf**

sh

```
lower_case_table_names=1
```

Configure Shopizer with Postgresql

Create a new postgresql

sh

```
CREATE DATABASE SHOPIZER;
```

Create schema

sh

```
CREATE SCHEMA salesmanager;
```

Edit **sm-shop/src/main/resources/database.properties**

sh

```
#POSTGRES
db.jdbcUrl=jdbc:postgresql://localhost:5432/SHOPIZER
db.user=postgres
db.password=password
db.driverClass=org.postgresql.Driver
hibernate.dialect=org.hibernate.dialect.PostgreSQLDialect
db.preferredTestQuery=SELECT 1

db.schema=SALESMANAGER
hibernate.hbm2ddl.auto=update
```

Edit **shopizer/pom.xml**

Un-comment both postgresql dependency

sh

```
<!-- postgres
            <dependency>
                <groupId>org.postgresql</groupId>
                <artifactId>postgresql</artifactId>
            </dependency>
            -->
```

22. configuration/emails.html

URL: https://shopizer-ecommerce.github.io/documentation/configuration/emails.html

Emails configuration

Shopizer supports 2 methods for sending emails:

- smtp (**default**)
- AWS Simple Email Service (**ses**)

SMTP Configuration (Default method)

This can be done by configuring SMTP connectivity at the server level from Shopizer administration console. When logging in the console move to Configurations and then to Email settings. SMTP configuration uses underlying Spring SpringHtmlEmailSender for sending HTML based emails.

Protocol : SMTP or SMTPS (this depends on SMTP provider. It usualy is SMTPS) **Host** : SMTP server host **Post** : Most of the time either 25 or 465 **Username** : SMTP server attributed username **Password** : SMTP server attributed password **Requires authentication** : Should always be true **TLS** : Should always be true (Usualy mentioned by SMTP provider)

Shopizer configuration

Make sure shopizer-core.properties in sm-core project is configured fot smtp method before starting the server.

sh

```
config.emailSender=default
```

SES (AWS Simple Email SDK)

This method uses AWS SDK implementation to perform SMTP(S) connectivity. AWS SES SDK is already included in Shopizer Maven POM file.

```
<!-- https://mvnrepository.com/artifact/com.amazonaws/aws-java-sdk-ses -->
    <dependency>
        <groupId>com.amazonaws</groupId>
        <artifactId>aws-java-sdk-ses</artifactId>
    </dependency>
```

Shopizer configuration

Make sure shopizer-core.properties in sm-core project is configured fot ses method before starting the server. It requires 2 specific property for connecting to AWS Simple Email Service (ses method and region in which ses is configured in your AWS account)

sh

```
config.emailSender=ses
config.emailSender.region=US_EAST_1
```

23. docker.html

URL: https://shopizer-ecommerce.github.io/documentation/docker.html

Run Shopizer with Docker Compose

Shopizer can be run from Docker containers. The following instructions will run Shopizer Headless, Shopizer Shop App, Shopizer Admin App and Mysql

sh

```
git clone git@github.com:shopizer-ecommerce/shopizer-docker-compose.git
cd shopizer docker compose
```

Now run Docker containers

sh

```
docker compose up -d
```

Open a browser on this urls

Application	Url
Headless	localhost:8080
Shop	localhost:3000
Admin	localhost:4200

Admin app credentials

Username: **admin@shopizer.com**

Password: **password**

24. model/country-zones.html

URL: https://shopizer-ecommerce.github.io/documentation/model/country-zones.html

Country and Zones

Country codes

Country codes are defined in shopizer sm-core SchemaConstants (com.salesmanager.core.constants.SchemaConstants)

sh

```
public static final String[] COUNTRY_ISO_CODE = { "AF","AX","AL","DZ",
                "AS","AD","AO","AI","AQ","AG","AR","AM","AW","AU","AT","AZ"
                "BD","BB","BY","BE","BZ","BJ","BM","BT","BO","BA","BW","BV"
                "BN","BG","BF","BI","KH","CM","CA","CV","KY","CF","TD","CL"
                "CC","CO","KM","CG","CD","CK","CR","CI","HR","CU","CY","CZ"
                "DM","DO","EC","EG","SV","GQ","ER","EE","ET","FK","FO","FJ"
                "GF","PF","TF","GA","GM","GE","DE","GH","GI","GR","GL","GD"
                "GT","GG","GN","GW","GY","HT","HM","VA","HN","HK","HU","IS"
                "IR","IQ","IE","IM","IL","IT","JM","JP","JE","JO","KZ","KE"
                "KR","KW","KG","LA","LV","LB","LS","LR","LY","LI","LT","LU"
                "MG","MW","MY","MV","ML","MT","MH","MQ","MR","MU","YT","MX"
                "MC","MN","ME","MS","MA","MZ","MM","NA","NR","NP","NL","AN"
                "NI","NE","NG","NU","NF","MP","NO","OM","PK","PW","PS","PA"
                "PE","PH","PN","PL","PT","PR","QA","RE","RO","RU","RW","SH"
                "PM","VC","WS","SM","ST","SA","SN","RS","SC","SL","SG","SK"
                "SO","ZA","GS","ES","LK","SD","SR","SJ","SZ","SE","CH","SY"
                "TZ","TH","TL","TG","TK","TO","TT","TN","TR","TM","TC","TV"
                "AE","GB","US","UM","UY","UZ","VU","VE","VN","VG","VI","WF"
            "YE","ZM","ZW" };
```

Country description are derived from java Locale class and then saved to CountryDescription table

Zones List

Zones are loaded from **sm-core/src/main/resources/zoneconfig.json** file which contains zones codes and names per country and language. This file is loaded during initial startup and is performed only once during the application life cycle.

25. model/merchant.html
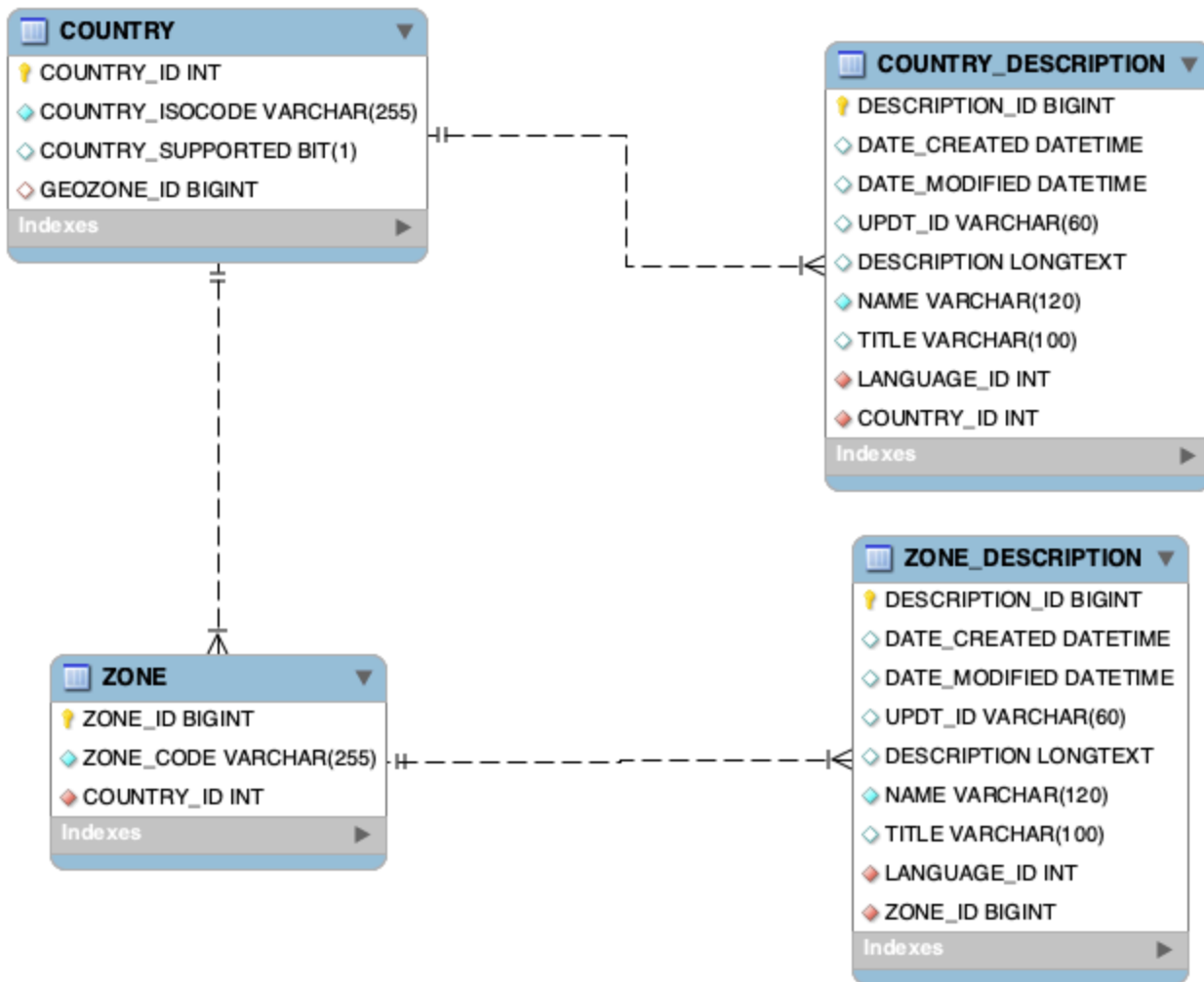
URL: https://shopizer-ecommerce.github.io/documentation/model/merchant.html

Merchant model

This section explains possible possible configurations for MerchantStore in order to use the app as a single store application, multiple store application (marketplace) or retailer - store application.
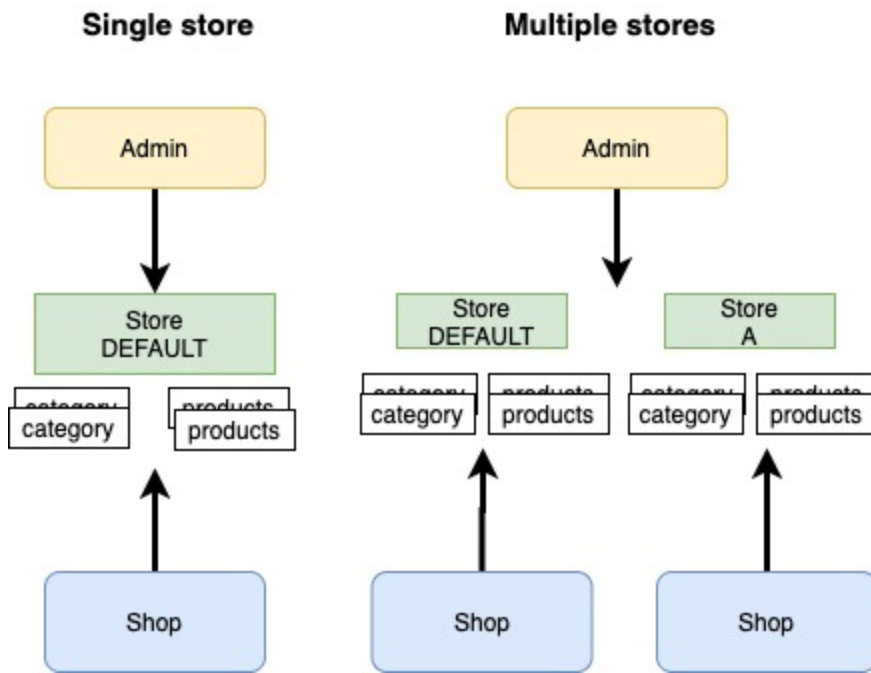
Single store

Simple stores are unique stores managing their own products and inventory. This type of store is configured by default in Shopizer and is created with unique store code DEFAULT. Front end can be served by default jsp shop or Angular and ReactJS examples

Multiple stores

Multiple independent stores can be managed in Shopizer. Each store has its own configuration and each store manages their own inventory, products, category and content. Each store requires their own shop that can be run on independent processes. Default jsp, Angular and React store fronts can be used as different processes to run each store.

Schema

MERCHANT_STORE**MERCHANT_LANGUAGE**

A MERCHANT (vendor) can be standalone for single stores use cases. A MERCHANT can have a parent for franchiser / franchisee use cases.

A MERCHANT can be support one to multiple languages

26. model/product-references.html

URL: https://shopizer-ecommerce.github.io/documentation/model/product-references.html
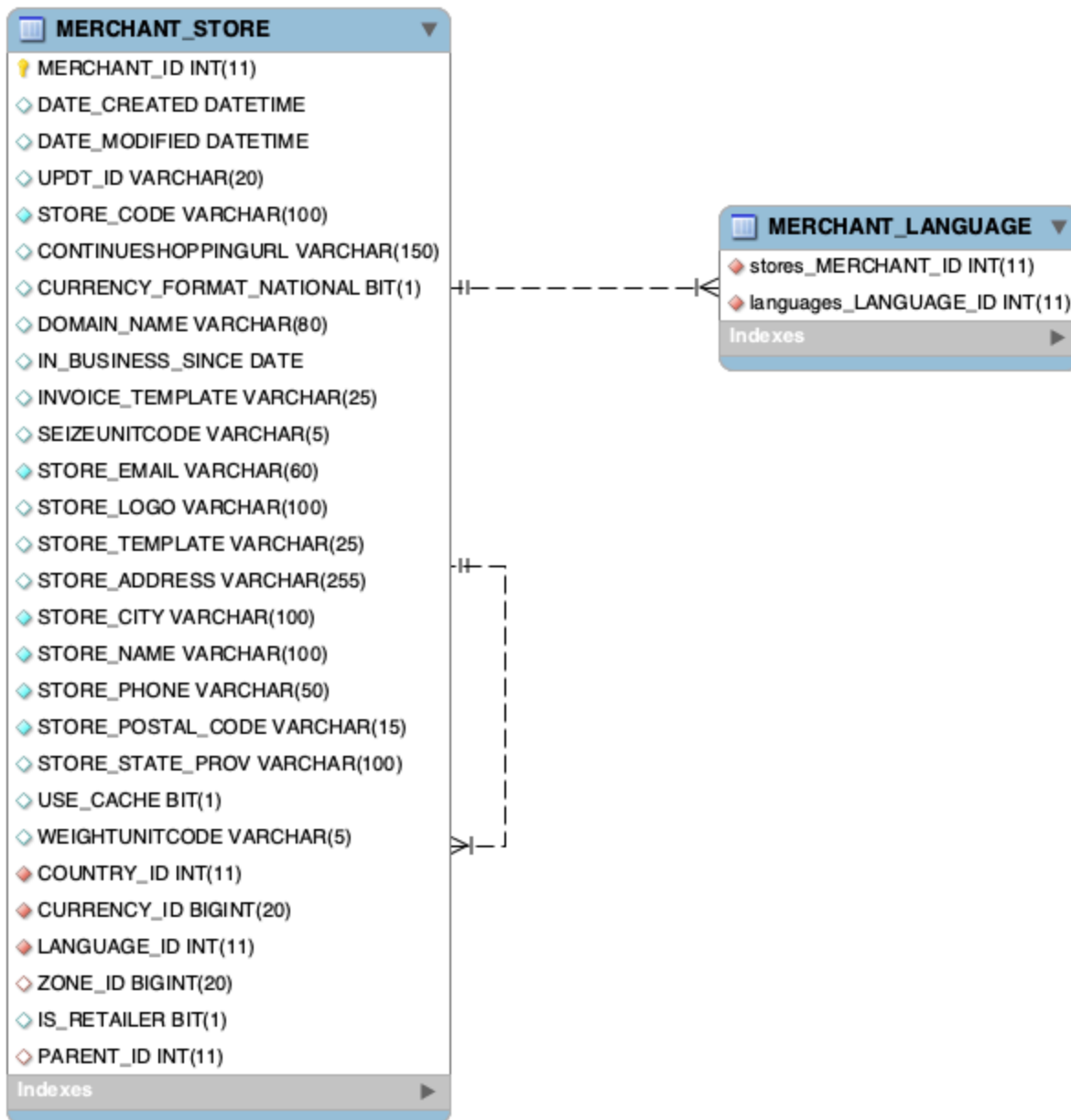
Product Reference model

This section explains the related entity of a Product item. A Product can be categoryzed and typed. A Product has also a Brand (Manufacturer or Collection) associated to it.

CATEGORY

- 🔑 CATEGORY_ID BIGINT
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(60)
- ◇ CATEGORY_IMAGE VARCHAR(100)
- ◇ CATEGORY_STATUS BIT(1)
- ◆ CODE VARCHAR(100)
- ◇ DEPTH INT
- ◇ FEATURED BIT(1)
- ◇ LINEAGE VARCHAR(255)
- ◇ SORT_ORDER INT
- ◇ VISIBLE BIT(1)
- ◆ MERCHANT_ID INT
- ◇ PARENT_ID BIGINT

Indexes

PRODUCT_CATEGORY

- 📍 PRODUCT_ID BIGINT
- 📍 CATEGORY_ID BIGINT

Indexes

PRODUCT

- 🔑 PRODUCT_ID BIGINT
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(60)
- ◇ AVAILABLE BIT(1)
- ◇ COND INT
- ◇ DATE_AVAILABLE DATETIME
- ◇ PREORDER BIT(1)
- ◇ PRODUCT_HEIGHT DECIMAL(19,2)
- ◇ PRODUCT_FREE BIT(1)
- ◇ PRODUCT_LENGTH DECIMAL(19,2)
- ◇ QUANTITY_ORDERED INT
- ◇ REVIEW_AVG DECIMAL(19,2)
- ◇ REVIEW_COUNT INT
- ◇ PRODUCT_SHIP BIT(1)
- ◇ PRODUCT_VIRTUAL BIT(1)
- ◇ PRODUCT_WEIGHT DECIMAL(19,2)
- ◇ PRODUCT_WIDTH DECIMAL(19,2)
- ◇ REF_SKU VARCHAR(255)
- ◇ RENTAL_DURATION INT
- ◇ RENTAL_PERIOD INT
- ◇ RENTAL_STATUS INT
- ◆ SKU VARCHAR(255)
- ◇ SORT_ORDER INT
- ◇ MANUFACTURER_ID BIGINT
- ◆ MERCHANT_ID INT
- ◇ CUSTOMER_ID BIGINT
- ◇ TAX_CLASS_ID BIGINT
- ◇ PRODUCT_TYPE_ID BIGINT

Indexes

PRODUCT_TYPE

- 🔑 PRODUCT_TYPE_ID BIGINT
- ◇ PRD_TYPE_ADD_TO_CART BIT(1)
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(60)
- ◇ PRD_TYPE_CODE VARCHAR(255)
- ◇ PRD_TYPE_VISIBLE BIT(1)
- ◆ MERCHANT_ID INT

Indexes

MANUFACTURER

- 🔑 MANUFACTURER_ID BIGINT
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(60)
- ◆ CODE VARCHAR(100)
- ◇ MANUFACTURER_IMAGE VARCHAR(255)
- ◇ SORT_ORDER INT
- ◆ MERCHANT_ID INT

Indexes

27. model/user.html

URL: https://shopizer-ecommerce.github.io/documentation/model/user.html

User model

Business rules

Role	Description
superadmin	Can create, modify any user of any stores
admin	Can create, modify any user from its pertaining store
admin_store	Can create, modify any user from its pertaining store
admin_retail	Can only modify their profile, Deletion is not supported

Global Rules

- User even if superuser can't change roles
- Superuser can't create superuser
- Admins can't delete or modify superuser

Pages rules

User List

- When login in as super admin all users are displayed in the list
- When login in a any other admin only users from same store are displayed in the list
- User cannot delete himself, he has to rely on other admin
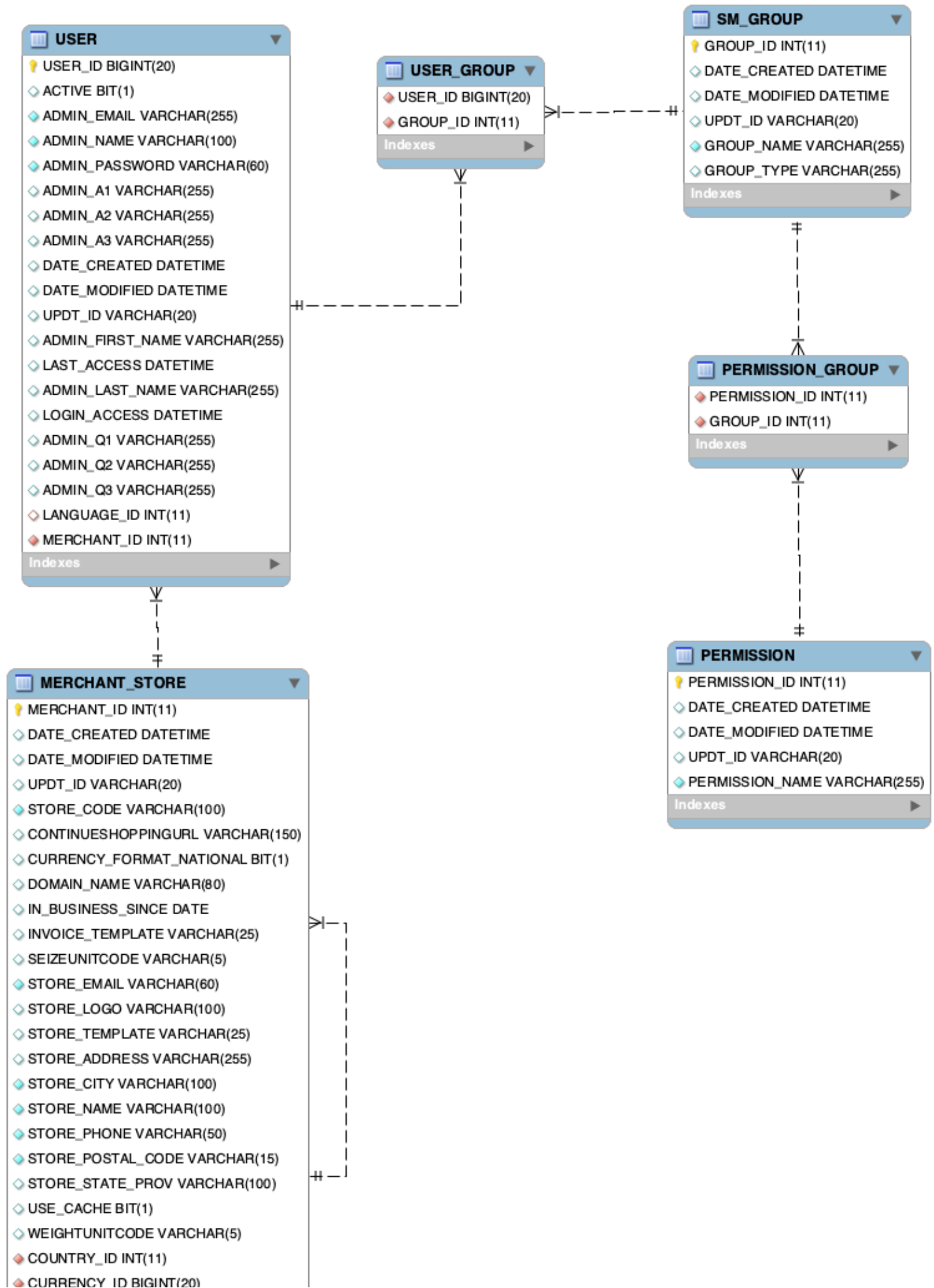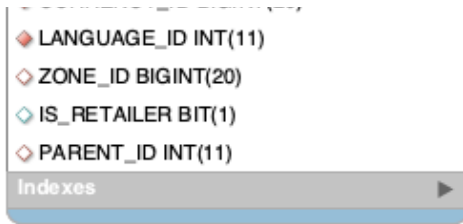
Create / modify user page

- Cannot assign group to superadmin
- Self cannot edit it's own groups
- Self cannot change merchant store
- Default selected merchant is current user merchant

Schema

USERMERCHANT_STORESM_GROUPUSER_GROUPPERMISSION_GROUP**PERMISSION**

Users belong to MERCHANT_STORE. Users are assigned to groups having predefined sets of permissions.

USER
- 🔑 USER_ID BIGINT(20)
- ◇ ACTIVE BIT(1)
- ◇ ADMIN_EMAIL VARCHAR(255)
- ◇ ADMIN_NAME VARCHAR(100)
- ◇ ADMIN_PASSWORD VARCHAR(60)
- ◇ ADMIN_A1 VARCHAR(255)
- ◇ ADMIN_A2 VARCHAR(255)
- ◇ ADMIN_A3 VARCHAR(255)
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(20)
- ◇ ADMIN_FIRST_NAME VARCHAR(255)
- ◇ LAST_ACCESS DATETIME
- ◇ ADMIN_LAST_NAME VARCHAR(255)
- ◇ LOGIN_ACCESS DATETIME
- ◇ ADMIN_Q1 VARCHAR(255)
- ◇ ADMIN_Q2 VARCHAR(255)
- ◇ ADMIN_Q3 VARCHAR(255)
- ◇ LANGUAGE_ID INT(11)
- ◆ MERCHANT_ID INT(11)
- Indexes ▶

USER_GROUP
- ◆ USER_ID BIGINT(20)
- ◆ GROUP_ID INT(11)
- Indexes ▶

SM_GROUP
- 🔑 GROUP_ID INT(11)
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(20)
- ◇ GROUP_NAME VARCHAR(255)
- ◇ GROUP_TYPE VARCHAR(255)
- Indexes ▶

PERMISSION_GROUP
- ◆ PERMISSION_ID INT(11)
- ◆ GROUP_ID INT(11)
- Indexes ▶

PERMISSION
- 🔑 PERMISSION_ID INT(11)
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(20)
- ◇ PERMISSION_NAME VARCHAR(255)
- Indexes ▶

MERCHANT_STORE
- 🔑 MERCHANT_ID INT(11)
- ◇ DATE_CREATED DATETIME
- ◇ DATE_MODIFIED DATETIME
- ◇ UPDT_ID VARCHAR(20)
- ◇ STORE_CODE VARCHAR(100)
- ◇ CONTINUESHOPPINGURL VARCHAR(150)
- ◇ CURRENCY_FORMAT_NATIONAL BIT(1)
- ◇ DOMAIN_NAME VARCHAR(80)
- ◇ IN_BUSINESS_SINCE DATE
- ◇ INVOICE_TEMPLATE VARCHAR(25)
- ◇ SEIZEUNITCODE VARCHAR(5)
- ◇ STORE_EMAIL VARCHAR(60)
- ◇ STORE_LOGO VARCHAR(100)
- ◇ STORE_TEMPLATE VARCHAR(25)
- ◇ STORE_ADDRESS VARCHAR(255)
- ◇ STORE_CITY VARCHAR(100)
- ◇ STORE_NAME VARCHAR(100)
- ◇ STORE_PHONE VARCHAR(50)
- ◇ STORE_POSTAL_CODE VARCHAR(15)
- ◇ STORE_STATE_PROV VARCHAR(100)
- ◇ USE_CACHE BIT(1)
- ◇ WEIGHTUNITCODE VARCHAR(5)
- ◆ COUNTRY_ID INT(11)
- ◆ CURRENCY_ID BIGINT(20)

LANGUAGE_ID INT(11)
ZONE_ID BIGINT(20)
IS_RETAILER BIT(1)
PARENT_ID INT(11)
Indexes

28. tools/translation.html

URL: https://shopizer-ecommerce.github.io/documentation/tools/translation.html

Shopizer language pack generator

This software generates Shopizer labels for a new language. Shopizer comes with a few language packs already created such as english and frech; when a new language is required 2 options are possible (1) copy and create languages by hand or (2) use this software to auto-generate a new one.

requirements

-- Most recent version of Shopizer on your machine -- An AWS (Amazon Web Service) account -- Java SDK (version 1.8 +)

prepare instructions

- Clone Shopizer from github

sh

```
git clone -b master https://github.com/shopizer-ecommerce/shopizer.git
```

- Look in shopizer/sm-shop/src/main/resources/bundles if language files are already there for required language (files have this format file_<2 letter language iso code>.properties (ex shopizer_fr.properties)

- Add role to AWS user
- Log on to AWS and add 'TranslateFullAccess' to your favorite user. See this document for more details https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_create_for-user.html
- Get your AWS access key and secret access key (more details here https://aws.amazon.com/premiumsupport/knowledge-center/create-access-key/)

generate language instructions

- Clone Language software from github

sh

```
git clone -b master https://github.com/shopizer-ecommerce/languages.git
```

- Build language application

sh

```
cd LanguagePackBuilder
mvnw clean install
```

- Execute generate language
  - Requires shopizer directory absolute path (1)
  - Requires target language 2 letter iso ced (example es for Spanish) (2)
  - Requires AWS access key (3)
  - Requires AWS secret access key (4)
  - parameters 1 and 2 to be sent as execution parameters and parameters 3 and 4 to be sent as environment variables

sh

```
cd target
java -jar LanguagePackBuilder-1.0.0-SNAPSHOT.jar com.shopizer.tools.languag
```

Share your new language with us !

- Sanitize and 2x check results before sharing
- Open a pull request in Shopizer

29. what-is-shopizer.html

URL: https://shopizer-ecommerce.github.io/documentation/what-is-shopizer.html

What is Shopizer

Shopizer is enterprise open source e-commerce software for retailers who want flexibility, speed and control of their commerce platform. Shopizer is a software solution that gives organizations the ultimate flexibility to take an experience-first approach to commerce, with simple powerful APIs and built in stores models.

Key technical benefits

- Built with Spring framework
- Vulnerability checks
- Open source and open standards
- Cloud Ready: Deploy Shopizer in the public
- or private cloud on Amazon Webservices (AWS), Microsoft
- Azure or Google Cloud Platform (GCP)
- Run on premise servers
- Run from Docker containers
- Run from any Java servlet containers such as Tomcat

Shopizer is a an application composed of a set of services written in Java that serves functionality needed to build entreprise e-commerce systems.

The software can be used out of the box as a complete ready to use web application including a few web stores templates you can choose from. Shopizer can also be used as a restful backend application for serving a whole set of commerce REST apis on which you can build your own tailored e-commerce front store.

Shopizer e-commerce system provides the following functionality:

- Catalog and products management
- Shopping cart
- Content management

- Marketing components
- Smart pricing
- Ordering
- Payment
- Shipping

Scope	Features
Software	Supports MySQL
Supports Postgresql	
Supports MariaDB	
Supports H2	
Java - Spring Boot	
REST API	
Cloud centric	
Container based	
Open source Apache v2 licence	
Catalog management	SKU based product management
One to many prices per item	
Simple time based promotion	
Complex promotions (Based on JBoss Drools)	
Category hierarchy	
Product options	
Product variants	
Custom product properties	
B2C	
B2B	
C2C	

Scope	Features
Multiple stores	
Promotions	Promotions applicable at item level
Promotions applicable at cart level	
Customer management	Self serve customer entry point
Social authentication	
Customer registration	
Rule based engine	
Multiple currency	
Ordering	Multiple payment modules
Multiple shipping modules	
Promotions based on shipping rules	
Promotions based vatious property (quantity of items, customer...)	
REST API	Administration api
Products api	
Customer api	
Order api	
Cart api	
Shipping api	
Payment api	
User api	
Search	
Search	Based on Elastic Search and Open Search
Search items	

Scope	Features
Search autocomplete	
Languages	Our language translator converts to multiple language