# 2. Requests

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# Important notes

- some boolean fields are currently sent as strings "false" , "true" (next deployment will fix that)
- total_vat and total_net price fields are float even if they are always .0
- in productsearch result.categories doesnt change anything. wil be fixed in new version

# Requests

## Autocompletion:

### Description

The autocompletion features completes for your app id the products which and categories.
A possible situation for calling would be "search as you type".
An example would be: "Tro" a result would be "Trouser" as category title and "Trousers from Adidas" as product title.

```
{
    "version": "1.0.0",
    "defaults": {
        "types": ["categories", "products"],
        "limit": 10
    },
    "id": "#autocomplete",
    "type": "object",
    "properties": {
        "limit": {"type": "integer", "minimum": 1, "maximum": 200},
        "searchword": {"$ref": "#/definitions/searchword"},
        "types": {
            "type": "array", "items": {
                "type": "string", "enum": ['products', 'categories']
            }
        }
    },
    "additionalProperties": False,
    "required": ["searchword"]
}
```

source

## Request fields:

| fieldname | meaning |
|---|---|
| type | against which types should be autocompleted |
| limit | the amount of items returned per selected type |
| searchword | the prefix (search term) in the product title or category title |

**Response schema**

```
{
    "version": "1.0",
    "id": "#autocompletion_response",
    "type": "object",
    "properties": {
        "categories": {
            "type": "array",
            "minItems": 0,
            "items": [{"$ref": "#/object/category"}],
        },
        "products": {
            "additionalProperties": False,
            "type": "array",
            "minItems": 0,
            "items": [{"$ref": "#/object/product"}]
        }
    },
    "required": [
    ],
    "additionalProperties": False
}
```

## Samples

**Getting autocomplete for "Sho" in product and category**

```
{
    "limit": 10,
    "searchword": "Sho",
    "types": ["products", "categories"]
}
```

**Getting autocomplete for "Sho" in product only**

```
{
    "limit": 10,
    "searchword": "Shoe",
    "types": ["products"]
}
```

**Getting autocomplete for "Sho" in category only**

source

```
{
    "limit": 10,
    "searchword": "Sho",
    "types": ["categories"]
}
```

# Basket add:

## Description

The request "basket add" does change the Items available in the basket.
A set to 0 or less leads to a deletion. Only the variants in the items list will be changed.
If a variant is changed or added an internal availability check is done and error codes are returned.

**Schema**

```
{
  "version": "1.0",
  "id": "#basket_add",
  "type": "object",
  "properties": {
    "session_id": {
      "$ref": "#/definitions/user_session_id"
    },
    "product_variant": {
      "type": "array",
      "minItems": 1,
      "items": [
        {
          "type": "object",
          "required": [
            "id",
            "command",
            "amount"
          ],
          "properties": {
            "id": {
              "type": "integer",
              "minimum": 1
            },
            "command": {
              "type": "string",
              "enum": [
                "set",
                "add"
              ]
            },
            "amount": {
              "type": "integer"
            }
          },
          "additionalProperties": false
        }
      ]
    }
  },
  "required": [
    "session_id",
    "product_variant"
  ],
  "additionalProperties": false
}
```

# Request fields

**Basic**

| fieldname | meaning |
| --- | --- |
|  |  |

| session_id | identification of the basket -> user, user -> basket |
|---|---|
| product_variant | is the array for the product variants |

**product_variants**

| fieldname | meaning |
|---|---|
| id | the product variant id |
| command | either add for the + operator (even -1 is possible) or set for a specific quantity. If the end amount is <= 0 the product is removed from basket with an result code. |
| amount | the amount to add or set |

# Response

**Response schema**

> Expand

source

```
{
    "version": "1.0",
    "id": "#basket_add_response",
    "$ref": "#/object/basket",
    "additionalProperties": False
}
```

# Error codes

Instead of a product_variant object an error you get.

**Schema**

> Expand

source

```
{
      "error_message": Array of STRING,
   "error_code": INT
    }
```

| error code | message | reason |
|---|---|---|
| 410 | out of stock reset | if the amount added is bigger then the available stock |
| 410 | product not available sold out | if the available stock of the product is 0 |

**@TODO: MISSING ERROR CODES FOR PRODUCT NOT FOUND**

# Samples

**Request 1**

A invalid product id (product does not exist anymore) and a normal product

> Expand

source

```
[
  {
    "basket_add": {
      "session_id": "abcabcabc",
      "product_variant": [
        {
          "command": "add",
          "id": 1,
          "amount": 1
        },
        {
          "command": "add",
          "id": 3981156,
          "amount": 1
        }
      ]
    }
  }
]
```

> Expand

source

```
{
  "total_price": 3980,
  "total_net": 3344,
  "total_vat": 636,
  "products": {
    "141487": {
      "name": "Shirt",
      "sale": "false",
      "brand_id": 2,
      "description_long": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik und
Wickel-Look machen es zum Fashion-Highlight! Länge ca. 60 cm. Figurbetonte Form.
Weich, leicht und fließend, aus 95% Viskose, 5% Elasthan. Waschbar.",
      "active": true,
      "variants": [
        {
          "ean": "#",
          "default": false,
          "price": 1990,
          "old_price": 0,
          "images": [
            {
              "id": 50502,
              "extension": ".jpg"
            },
            {
              "id": 50505,
              "extension": ".jpg"
            },
            {
              "id": 50507,
              "extension": ".jpg"
```

```json
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          4
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981151,
      "quantity": 31
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          8
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981152,
```

```json
        "quantity": 66
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            7
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981153,
        "quantity": 76
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
```

```json
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          2
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981154,
      "quantity": 20
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          5
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981155,
      "quantity": 113
```

```
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            6
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981156,
        "quantity": 128
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
```

```json
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            10
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981157,
        "quantity": 36
      }
    ],
    "description_short": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik u",
    "id": 141487
  }
},
"amount_variants": 2,
"product_variant": [
  {
    "amount": 1,
    "command": "add",
    "error_message": [
      "Variant not found"
    ],
    "error_code": 404,
    "id": 1
  },
  {
    "total_price": 3980,
    "product_id": 141487,
    "tax": 19,
    "unit_price": 1990,
    "amount": 2,
    "total_vat": 636.0,
    "command": "add_amount",
    "id": 3981156
  }
],
"total_variants": 1
```

```
}
```

## Request 2

A valid product with an invalid amount.

```
[
  {
    "basket_add": {
      "session_id": "abcabcabc",
      "product_variant": [
        {
          "command": "set",
          "id": 3981156,
          "amount": 129
        }
      ]
    }
  }
]
```

> Expand

source

> Expand

source

```
{
  "total_price": 254720,
  "total_net": 214016,
  "total_vat": 40704,
  "products": {
    "141487": {
      "name": "Shirt",
      "sale": "false",
      "brand_id": 2,
      "description_long": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik und
Wickel-Look machen es zum Fashion-Highlight! Länge ca. 60 cm. Figurbetonte Form.
Weich, leicht und fließend, aus 95% Viskose, 5% Elasthan. Waschbar.",
      "active": true,
      "variants": [
        {
          "ean": "#",
          "default": false,
          "price": 1990,
          "old_price": 0,
          "images": [
            {
              "id": 50502,
              "extension": ".jpg"
            },
            {
              "id": 50505,
              "extension": ".jpg"
            },
```

```
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            4
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981151,
        "quantity": 31
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            8
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
```

```json
      },
      "retail_price": 0,
      "id": 3981152,
      "quantity": 66
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          7
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981153,
      "quantity": 76
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
```

```json
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          2
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981154,
      "quantity": 20
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          5
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
```

```json
        "retail_price": 0,
        "id": 3981155,
        "quantity": 113
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            6
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981156,
        "quantity": 128
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
```

```json
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          10
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981157,
      "quantity": 36
    }
  ],
  "description_short": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik u",
  "id": 141487
}
},
"amount_variants": 128,
"product_variant": [
  {
    "total_price": 254720,
    "product_id": 141487,
    "error_message": [
      "out of stock resetted"
    ],
    "tax": 19,
    "unit_price": 1990,
    "amount": 128,
    "total_vat": 40704.0,
    "command": "set_amount",
    "error_code": 410,
    "id": 3981156
  }
],
"total_variants": 1
}
```

## Basket get:

### Description

This returns the current basket for a User / Session ID.
The basket belongs to a specific app id and session id, another app can have the same session id.

**Request schema**                                              ⟩ Expand

```
{                                                                  source
        "version": "1.0",
        "id": "#basket_get",
        "type": "object",
        "properties": {
            "session_id": {"$ref": "#/definitions/user_session_id"}
        },
        "required": [
            "session_id"
        ],
        "additionalProperties": False
    }
```

### Request fields

**basic**

| fieldname | meaning |
| --- | --- |
| session_id | identification of the basket -> user, user -> basket |

### Response

**Response schema**                                             ⟩ Expand

```
{                                                                  source
    "version": "1.0",
    "id": "#basket_get_response",
    "$ref": "#/object/basket",
    "additionalProperties": False
}
```

### Samples

**Request 1**

Empty basket

```json
{
    "session_id": "abcabcabc"
}
```

```json
{
  "total_price": 0,
  "total_net": 0,
  "total_vat": 0,
  "products": {},
  "amount_variants": 0,
  "product_variant": [],
  "total_variants": 0
}
```

## Request 2

Filled basket

```json
{
    "session_id": "abcabcabc"
}
```

```json
[
  {
    "basket_get": {
      "total_price": 254720,
      "total_net": 214016.0,
      "total_vat": 40704.0,
      "products": {
        "141487": {
          "name": "Shirt",
          "sale": false,
          "brand_id": 2,
          "description_long": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik und
Wickel-Look machen es zum Fashion-Highlight! Länge ca. 60 cm. Figurbetonte Form.
Weich, leicht und fließend, aus 95% Viskose, 5% Elasthan. Waschbar.",
          "active": true,
          "variants": [
            {
              "ean": "#",
              "default": false,
              "price": 1990,
```

```json
          "old_price": 0,
          "images": [
            {
              "id": 50502,
              "extension": ".jpg"
            },
            {
              "id": 50505,
              "extension": ".jpg"
            },
            {
              "id": 50507,
              "extension": ".jpg"
            },
            {
              "id": 50509,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_2": [
              4
            ],
            "attributes_0": [
              2
            ],
            "attributes_1": [
              18,
              30
            ]
          },
          "retail_price": 0,
          "id": 3981151,
          "quantity": 31
        },
        {
          "ean": "#",
          "default": false,
          "price": 1990,
          "old_price": 0,
          "images": [
            {
              "id": 50502,
              "extension": ".jpg"
            },
            {
              "id": 50505,
              "extension": ".jpg"
            },
            {
              "id": 50507,
              "extension": ".jpg"
            },
            {
              "id": 50509,
              "extension": ".jpg"
            }
          ],
          "attributes": {
```

```json
          "attributes_2": [
            8
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981152,
        "quantity": 66
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            7
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981153,
        "quantity": 76
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
```

```
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          2
        ],
        "attributes_0": [
          2
        ],
        "attributes_1": [
          18,
          30
        ]
      },
      "retail_price": 0,
      "id": 3981154,
      "quantity": 20
    },
    {
      "ean": "#",
      "default": false,
      "price": 1990,
      "old_price": 0,
      "images": [
        {
          "id": 50502,
          "extension": ".jpg"
        },
        {
          "id": 50505,
          "extension": ".jpg"
        },
        {
          "id": 50507,
          "extension": ".jpg"
        },
        {
          "id": 50509,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
```

```
            5
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981155,
        "quantity": 113
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
          {
            "id": 50502,
            "extension": ".jpg"
          },
          {
            "id": 50505,
            "extension": ".jpg"
          },
          {
            "id": 50507,
            "extension": ".jpg"
          },
          {
            "id": 50509,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            6
          ],
          "attributes_0": [
            2
          ],
          "attributes_1": [
            18,
            30
          ]
        },
        "retail_price": 0,
        "id": 3981156,
        "quantity": 128
      },
      {
        "ean": "#",
        "default": false,
        "price": 1990,
        "old_price": 0,
        "images": [
```

```json
            {
              "id": 50502,
              "extension": ".jpg"
            },
            {
              "id": 50505,
              "extension": ".jpg"
            },
            {
              "id": 50507,
              "extension": ".jpg"
            },
            {
              "id": 50509,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_2": [
              10
            ],
            "attributes_0": [
              2
            ],
            "attributes_1": [
              18,
              30
            ]
          },
          "retail_price": 0,
          "id": 3981157,
          "quantity": 36
        }
      ],
      "description_short": "Das ist Trend-Style: Schulter-Cuts, Knoten-Optik u",
      "id": 141487
    }
  },
  "amount_variants": 128,
  "product_variant": [
    {
      "total_price": 254720,
      "product_id": 141487,
      "tax": 19,
      "unit_price": 1990,
      "amount": 128,
      "total_vat": 40704.0,
      "id": 3981156
    }
  ],
  "total_variants": 1
```

```
        }
    }
]
```

# Category:

## Description

You are able to retrieve single categories.

**Request schema**                                          › Expand

                                                            source
```json
{
    "version": "1.0.1",
    "id": "#category",
    "type": "object",
    "required": ["ids"],
    "properties": {
        "ids": {
            "type": "array",
            "minItems": 1,
            "maxItems": 200,
            "items": {"type": "integer", "minimum": 1}
        },
    },
    "additionalProperties": False
}
```

## Request fields:

**basic**

| fieldname | meaning |
| --- | --- |
| ids | holds an array of category ids |

**Response schema**                                         › Expand

                                                            source
```json
{
    "version": "1.0",
    "id": "#category_response",
    "type": "object",
    "additionalProperties": False,
    "patternProperties": {
        "^[0-9]+$": {
            "$ref": "#/object/category"
        }
    }
}
```

## Error codes

Instead of a category object you get this error object.

**Schema**  › Expand

source

```
{
      "error_message": Array of STRING,
   "error_code": INT
    }
```

| error code | message | reason |
|---|---|---|
| 404 | category not found | if the category is deleted or does not belong to your app |

## Samples

**Getting autocomplete for "Sho" in product and category**  › Expand

source

```
{
    "ids": [1,4,100,5]
}
```

**response 1**  › Expand

source

```
{
    "1":{"active": true,"position":0,"name":"First Category","parent":0,"id":1},
 "1000":{"active": true,"position":5,"name":"more Category","parent":null,"id":1000},
 "5":{"error_message":["category not found"], "error_code":404},
 "4": {"active": false,"position":1,"name":"fourth Category","parent":1000,"id":4}
}
```

# Category tree:

## Description

The request category tree returns a tree of categories of a specified max depth for your app id.

## Request schema

source

```
{
    "version": "1.0",
    "defaults": {
        "max_depths": -1
    },
    "id": "#categorytree",
    "type": "object",
    "properties": {
        "max_depth": {
            "type": "integer", "default": -1, "minimum": 0, "maximum": 10}
    },
    "additionalProperties": False
}
```

## Request fields:

**basic**

| fieldname | meaning |
|-----------|---------|
| max_depth | max depth of your category tree counted from root |

## Response schema

source

```
{
    "version": "1.0",
    "id": "#category_tree_response",
    "type": "array",
    "items":[
        {"$ref": "#/object/category"}
    ]
}
```

## Samples

**Getting autocomplete for "Sho" in product and category**

source

```
{

}
```

**response 1**       ❯ Expand

```
[                                                                          source
    { "sub_categories":[
    {"name": "Sub Damen","parent": null, "id":3, "active": false, "position": 0}],
"name": "Damen","parent":null, "id":1, "active": true, "position": 1},
    {"name": "Herren","parent": null, "id":2, "active": true, "position": 1}
]
```

# Facets:

## Description

This returns a list of available facet groups or a facets of a group.

**Request schema**       ❯ Expand

```
{                                                                         source
    "version": "1.1",
    "defaults": {
        "limit": 100000,
        "offset": 0
    },
    "id": "#facets",
    "type": "object",
    "additionalProperties": False,
    "properties": {
        "group_ids": {
            "type": "array",
            "items": {
                "type": "integer", "minimum": 0
            }
        },
        "limit": {"type": "integer", "minimum": 1},
        "offset": {"type": "integer", "minimum": 0}
    }
}
```

## Request fields

### basic

| fieldname | meaning |
|-----------|---------|
| group_ids | get only these group ids, if empty get all group ids which belong to me |
| limit | limit the per page items |
| offset | offset for paging through the items |

## Response schema

```
{
    "version": "1.0",
    "id": "#facets_response",
    "type": "object",
    "additionalProperties": False,
    "properties": {
        "facets": {
            "type": "object",
            "additionalProperties": False,
            "properties": {
                "hits": {"type": "integer", "minimum": 0},
                "facet": {
                    "type": "array",
                    "items": [
                        {
                            "type": "object",
                            "additionalProperties": False,
                            "required": ["id", "name", "group_name", "facet_id"],
                            "properties": {
                                "id": {"type": "integer", "minimum": 0},
                                "name": {"type":"string", "blank": False},
                                "group_name": {"type":"string", "blank": False},
                                "facet_id": {"type":"integer", "minimum": 1},
                                "options": {
                                    "type":"array",
                                    "items": [
                                        {
                                            "type":"object",
                                            "additionalProperties": False,
                                            "properties": {
                                                "key": {"type":"string"},
                                                "value": {"type":"string"}
                                            }
                                        }
                                    ]
                                }
                            }
                        }
                    ]
                }
            }
        }
    }
}
```

**Samples**

**Getting autocomplete for "Sho" in product and category**

> Expand

source

```
{
 "group_ids": [1,2]
}
```

**response 1**

> Expand

source

```
{
    "facets": {
        "hits":123,
        "facet": [
            {"facet_id":5, "id": 1, "name":"Rot", "group_name": "color"},
    {"facet_id":1, "id": 2, "name": "XXXXXL", "group_name": "size"},
    {"facet_id":6, "id": 1, "name":"Blau", "group_name": "color"}
        ]
    }
}
```

# Facet types:

## Description

This query returns a list of facet groups available.

**Request schema**

> Expand

source

```
{
    "version": "1.0",
    "id": "#facet_types",
    "type": "object",
    "additionalProperties": False
}
```

## Request fields

None

**Response schema**                                    › Expand

source

```
{
    "version": "1.0",
    "id": "#facet_types_response",
    "type": "array",
    "minitems": 0,
    "items": [
        {
            "type": "integer",
            "minimum": 0
        }
    ]
}
```

## Samples

**Getting autocomplete for "Sho" in product and category**    › Expand

source

```
{

}
```

**response 1**                                        › Expand

source

```
[
    0, 1, 2, 6, 206, 172
]
```

## **Get order**

## Description

Through this query you could get a order which was created for/through your app.
This is limited to a configured timeframe and to your app.

## Request schema

source

```
{
    "version": "1.0",
    "id": "#get_order",
    "type": "object",
    "properties": {
        "order_id": {"type": "integer", "minimum": 1},
    },
    "additionalProperties": False,
    "required": ["order_id"]
}
```

## Request fields

**basic**

| fieldname | meaning |
| --- | --- |
| order_id | this is the order id to get info about |

## Response schema

source

```
{
    "version": "1.0",
    "id": "#get_order_response",
    "type": "object",
    "properties": {
        "order_id": {"type": "integer", "minimum": 1},
        "basket": {"$ref": "#/object/basket"}
    },
    "additionalProperties": False,
}
```

## Samples

### Getting autocomplete for "Sho" in product and category

source

```
{
 "order_id": 123455
}
```

### response 1

source

```
{
  "order_id": "123455",
  "basket": {
    "total_price": 17687,
    "total_net": 14864,
```

```json
      "total_vat": 2823,
      "product_variant": [
        {
          "total_price": 4099,
          "product_id": 162259,
          "tax": 19,
          "unit_price": 4099,
          "amount": 1,
          "total_vat": 654,
          "id": 4199744
        },
        {
          "total_price": 2995,
          "product_id": 152769,
          "tax": 19,
          "unit_price": 2995,
          "amount": 1,
          "total_vat": 478,
          "id": 4112287
        },
        {
          "total_price": 2995,
          "product_id": 152769,
          "tax": 19,
          "unit_price": 2995,
          "amount": 1,
          "total_vat": 478,
          "id": 4112291
        },
        {
          "total_price": 3499,
          "product_id": 160302,
          "tax": 19,
          "unit_price": 3499,
          "amount": 1,
          "total_vat": 559.0,
          "id": 4186179
        },
        {
          "total_price": 4099,
          "product_id": 162259,
          "tax": 19,
          "unit_price": 4099,
          "amount": 1,
          "total_vat": 654.0,
          "id": 4199743
        }
      ],
      "amount_variants": 5,
      "products": {
        "162259": {
          "name": "Triangel-Bikini, s.Oliver",
          "sale": false,
          "brand_id": 50,
          "description_long": "Bademoden in jungem Karodessin! Regulierbares Top mit
herausnehmbaren Cups. Hose gefüttert. Aus 80% Polyamid, 20% Elasthan (LYCRA®). Futter
aus 100% Polyester.",
          "active": true,
          "variants": [
```

```json
        {
          "ean": "4893865262807",
          "default": false,
          "price": 3699,
          "old_price": 0,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1091
            ],
            "attributes_2": [
              8
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199742,
          "quantity": 216
        },
        {
          "ean": "4893865262807",
          "default": false,
          "price": 4099,
          "old_price": 0,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1091
            ],
            "attributes_2": [
              7
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199743,
          "quantity": 1
        },
        {
```

```json
          "ean": "4893865262807",
          "default": false,
          "price": 4099,
          "old_price": 0,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1091
            ],
            "attributes_2": [
              10
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199744,
          "quantity": 186
        },
        {
          "ean": "4893865262807",
          "default": false,
          "price": 3699,
          "old_price": 0,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1091
            ],
            "attributes_2": [
              57
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199745,
          "quantity": 75
        },
        {
          "ean": "4893865262807",
```

```json
          "default": false,
          "price": 4599,
          "old_price": 4295,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1097
            ],
            "attributes_2": [
              5
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199749,
          "quantity": 1
        },
        {
          "ean": "4893865262807",
          "default": false,
          "price": 3699,
          "old_price": 3495,
          "images": [
            {
              "id": 490529,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1097
            ],
            "attributes_2": [
              8
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              580
            ]
          },
          "retail_price": 0,
          "id": 4199750,
          "quantity": 44
        }
      ],
      "description_short": "Bademoden in jungem Karodessin! Regulierbares Top ",
      "id": 162259
```

```json
        },
        "160302": {
          "name": "Triangel-Bikini, s.Oliver",
          "sale": true,
          "brand_id": 50,
          "description_long": "Aktueller Look im Streifendessin mit funkelnden
Pailletten am Top und der Hose. Jedes Teil ein Unikat! Regulierbares Oberteil mit
herausnehmbaren Cups. Bikini vorne gefüttert. Aus 80% Polyamid, 20% Elasthan (Lycra).
Futter aus 100% Polyester.",
          "active": true,
          "variants": [
            {
              "ean": "4893865126765",
              "default": true,
              "price": 3499,
              "old_price": 4499,
              "images": [
                {
                  "id": 457219,
                  "extension": ".jpg"
                },
                {
                  "id": 457220,
                  "extension": ".jpg"
                }
              ],
              "attributes": {
                "attributes_6": [
                  1097
                ],
                "attributes_2": [
                  10
                ],
                "attributes_0": [
                  50
                ],
                "attributes_1": [
                  15
                ]
              },
              "retail_price": 0,
              "id": 4186175,
              "quantity": 242
            },
            {
              "ean": "4893865126765",
              "default": false,
              "price": 2999,
              "old_price": 3999,
              "images": [
                {
                  "id": 457219,
                  "extension": ".jpg"
                },
                {
                  "id": 457220,
                  "extension": ".jpg"
                }
              ],
```

```
    "attributes": {
      "attributes_6": [
        1097
      ],
      "attributes_2": [
        8
      ],
      "attributes_0": [
        50
      ],
      "attributes_1": [
        15
      ]
    },
    "retail_price": 0,
    "id": 4186178,
    "quantity": 211
  },
  {
    "ean": "4893865126765",
    "default": false,
    "price": 3499,
    "old_price": 4499,
    "images": [
      {
        "id": 457219,
        "extension": ".jpg"
      },
      {
        "id": 457220,
        "extension": ".jpg"
      }
    ],
    "attributes": {
      "attributes_6": [
        1097
      ],
      "attributes_2": [
        7
      ],
      "attributes_0": [
        50
      ],
      "attributes_1": [
        15
      ]
    },
    "retail_price": 0,
    "id": 4186179,
    "quantity": 98
  },
  {
    "ean": "4893865126765",
    "default": false,
    "price": 3499,
    "old_price": 4499,
    "images": [
      {
        "id": 457219,
```

```
          "extension": ".jpg"
        },
        {
          "id": 457220,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_6": [
          1091
        ],
        "attributes_2": [
          10
        ],
        "attributes_0": [
          50
        ]
      },
      "retail_price": 0,
      "id": 4186181,
      "quantity": 360
    },
    {
      "ean": "4893865126765",
      "default": false,
      "price": 2999,
      "old_price": 3999,
      "images": [
        {
          "id": 457219,
          "extension": ".jpg"
        },
        {
          "id": 457220,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_6": [
          1091
        ],
        "attributes_2": [
          8
        ],
        "attributes_0": [
          50
        ]
      },
      "retail_price": 0,
      "id": 4186183,
      "quantity": 179
    },
    {
      "ean": "4893865126765",
      "default": false,
      "price": 2999,
      "old_price": 3999,
      "images": [
        {
```

```
              "id": 457219,
              "extension": ".jpg"
            },
            {
              "id": 457220,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1091
            ],
            "attributes_2": [
              57
            ],
            "attributes_0": [
              50
            ]
          },
          "retail_price": 0,
          "id": 4186184,
          "quantity": 208
        }
      ],
      "description_short": "Aktueller Look im Streifendessin mit funkelnden Pa",
      "id": 160302
    },
    "139278": {
      "name": "Push-up-Bikini, s.Oliver",
      "sale": true,
      "brand_id": 50,
      "description_long": "Mit trendigem Druckdessin. Mit wattierten Cups und
herausnehmbaren Kissen für ein tolles Dekolleté. Top im Nacken zu binden, im Rücken zu
schließen. Bikini vorn gefüttert. Softe Microfaser-Qualität aus 84% Polyamid, 16%
Elasthan. Futter: 100% Polyamid.",
      "active": true,
      "variants": [
        {
          "ean": "4893848164562",
          "default": false,
          "price": 3299,
          "old_price": 4999,
          "images": [
            {
              "id": 4736,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1095
            ],
            "attributes_2": [
              8
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
```

```json
            30
          ]
        },
        "retail_price": 0,
        "id": 3943341,
        "quantity": 21
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3499,
        "old_price": 5499,
        "images": [
          {
            "id": 4736,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1095
          ],
          "attributes_2": [
            7
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            30
          ]
        },
        "retail_price": 0,
        "id": 3943342,
        "quantity": 41
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3499,
        "old_price": 5999,
        "images": [
          {
            "id": 4736,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1095
          ],
          "attributes_2": [
            5
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            30
```

```
            ]
          },
          "retail_price": 0,
          "id": 3943344,
          "quantity": 29
        },
        {
          "ean": "4893848164562",
          "default": false,
          "price": 3199,
          "old_price": 4999,
          "images": [
            {
              "id": 4737,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1093
            ],
            "attributes_2": [
              8
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              11
            ]
          },
          "retail_price": 0,
          "id": 3943347,
          "quantity": 1
        },
        {
          "ean": "4893848164562",
          "default": false,
          "price": 3799,
          "old_price": 5999,
          "images": [
            {
              "id": 4737,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1093
            ],
            "attributes_2": [
              6
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              11
            ]
```

```json
        },
        "retail_price": 0,
        "id": 3943348,
        "quantity": 21
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3299,
        "old_price": 5499,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1095
          ],
          "attributes_2": [
            7
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
        "id": 3943351,
        "quantity": 56
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3299,
        "old_price": 5499,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1095
          ],
          "attributes_2": [
            10
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
```

```
        "retail_price": 0,
        "id": 3943353,
        "quantity": 1
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 2999,
        "old_price": 4999,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1095
          ],
          "attributes_2": [
            8
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
        "id": 3943354,
        "quantity": 1
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3499,
        "old_price": 5499,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1088
          ],
          "attributes_2": [
            10
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
```

```json
        "id": 3943355,
        "quantity": 1
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3199,
        "old_price": 4999,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1088
          ],
          "attributes_2": [
            57
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
        "id": 3943356,
        "quantity": 1
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3799,
        "old_price": 5999,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1088
          ],
          "attributes_2": [
            6
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
        "id": 3943357,
```

```json
        "quantity": 1
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 3499,
        "old_price": 5499,
        "images": [
          {
            "id": 4737,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1088
          ],
          "attributes_2": [
            7
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            11
          ]
        },
        "retail_price": 0,
        "id": 3943359,
        "quantity": 34
      },
      {
        "ean": "4893848164562",
        "default": false,
        "price": 2699,
        "old_price": 5499,
        "images": [
          {
            "id": 4736,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_6": [
            1093
          ],
          "attributes_2": [
            10
          ],
          "attributes_0": [
            50
          ],
          "attributes_1": [
            30
          ]
        },
        "retail_price": 0,
        "id": 3943360,
        "quantity": 10000
```

```json
    },
    {
      "ean": "4893848164562",
      "default": false,
      "price": 2950,
      "old_price": 5999,
      "images": [
        {
          "id": 4736,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_6": [
          1093
        ],
        "attributes_2": [
          5
        ],
        "attributes_0": [
          50
        ],
        "attributes_1": [
          30
        ]
      },
      "retail_price": 0,
      "id": 3943361,
      "quantity": 10000
    },
    {
      "ean": "4893848164562",
      "default": false,
      "price": 2950,
      "old_price": 5999,
      "images": [
        {
          "id": 4736,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_6": [
          1093
        ],
        "attributes_2": [
          6
        ],
        "attributes_0": [
          50
        ],
        "attributes_1": [
          30
        ]
      },
      "retail_price": 0,
      "id": 3943362,
      "quantity": 10000
    },
```

```
        {
          "ean": "4893848164562",
          "default": false,
          "price": 2699,
          "old_price": 5499,
          "images": [
            {
              "id": 4736,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1093
            ],
            "attributes_2": [
              7
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              30
            ]
          },
          "retail_price": 0,
          "id": 3943363,
          "quantity": 10000
        },
        {
          "ean": "4893848164562",
          "default": false,
          "price": 2399,
          "old_price": 4999,
          "images": [
            {
              "id": 4736,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_6": [
              1093
            ],
            "attributes_2": [
              8
            ],
            "attributes_0": [
              50
            ],
            "attributes_1": [
              30
            ]
          },
          "retail_price": 0,
          "id": 3943364,
          "quantity": 10000
        }
      ],
```

```json
        "description_short": "Mit trendigem Druckdessin. Mit wattierten Cups und",
        "id": 139278
      },
      "152769": {
        "name": "Triangelbikini",
        "sale": false,
        "brand_id": 273,
        "description_long": "Maui Wowie Triangelbikini mit schmalen Bändeln und
Perlen, im Nacken und Rücken zu binden;  raffbare Cups, herausnehmbare Pads; 1 Cup mit
Stickerei; hüftiges Höschen; aus 80% Polyamid, 20% Elastan.",
        "active": true,
        "variants": [
          {
            "ean": "000",
            "default": true,
            "price": 2995,
            "old_price": 2995,
            "images": [
              {
                "id": 302676,
                "extension": ".jpg"
              },
              {
                "id": 302681,
                "extension": ".jpg"
              }
            ],
            "attributes": {
              "attributes_2": [
                10
              ],
              "attributes_0": [
                273
              ],
              "attributes_1": [
                1
              ]
            },
            "retail_price": 0,
            "id": 4112287,
            "quantity": 50
          },
          {
            "ean": "000",
            "default": false,
            "price": 2995,
            "old_price": 2995,
            "images": [
              {
                "id": 302676,
                "extension": ".jpg"
              },
              {
                "id": 302681,
                "extension": ".jpg"
              }
            ],
            "attributes": {
              "attributes_2": [
```

```json
            8
          ],
          "attributes_0": [
            273
          ],
          "attributes_1": [
            1
          ]
        },
        "retail_price": 0,
        "id": 4112288,
        "quantity": 60
      },
      {
        "ean": "000",
        "default": false,
        "price": 2995,
        "old_price": 2995,
        "images": [
          {
            "id": 302676,
            "extension": ".jpg"
          },
          {
            "id": 302681,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            6
          ],
          "attributes_0": [
            273
          ],
          "attributes_1": [
            1
          ]
        },
        "retail_price": 0,
        "id": 4112289,
        "quantity": 41
      },
      {
        "ean": "000",
        "default": false,
        "price": 2995,
        "old_price": 2995,
        "images": [
          {
            "id": 302676,
            "extension": ".jpg"
          },
          {
            "id": 302681,
            "extension": ".jpg"
          }
        ],
        "attributes": {
```

```
              "attributes_2": [
                5
              ],
              "attributes_0": [
                273
              ],
              "attributes_1": [
                1
              ]
            },
            "retail_price": 0,
            "id": 4112290,
            "quantity": 15
          },
          {
            "ean": "000",
            "default": false,
            "price": 2995,
            "old_price": 2995,
            "images": [
              {
                "id": 302676,
                "extension": ".jpg"
              },
              {
                "id": 302681,
                "extension": ".jpg"
              }
            ],
            "attributes": {
              "attributes_2": [
                7
              ],
              "attributes_0": [
                273
              ],
              "attributes_1": [
                1
              ]
            },
            "retail_price": 0,
            "id": 4112291,
            "quantity": 2
          }
        ],
        "description_short": "Maui Wowie Triangelbikini mit schmalen Bändeln und",
        "id": 152769
      }
    },
```

```
    "total_variants": 5
    }
  }
}
```

# Initiate Order:

## Description

At this request you initiate a order to a basket.
This should be done if a user wants to go to the checkout.

**Request schema**                                                ❯ Expand

```
{                                                                   source
  "version": "1.0",
  "id": "#initiate_order",
  "type": "object",
  "properties": {
    "session_id": {
      "$ref": "#/definitions/user_session_id"
    },
    "success_url": {
      "$ref": "#/definitions/url"
    },
    "cancel_url": {
      "$ref": "#/definitions/url"
    },
    "error_url": {
      "$ref": "#/definitions/url"
    }
  },
  "additionalProperties": false,
  "required": [
    "session_id",
    "success_url"
  ]
}
```

## Request fields

**basic**

| fieldname | meaning |
|-----------|---------|
| session_id | identification of the basket -> user, user -> basket (see basket_get, basket_add) |
| success_url | this is a callback url if the order was successfully created. (see checkout api) |
| cancel_url | this is a callback url if the order was canceled. (see checkout api) |
| error_url | this is a callback url if the order throwed exceptions (see checkout api) |

**Response schema**

source

```
{
  "version": "1.0",
  "id": "#initiate_order_response",
  "type": "object",
  "properties": {
    "url": {
      "$ref": "#/definitions/url"
    },
    "user_token": {
      "$ref": "#/definitions/uuid4"
    },
    "app_token": {
      "$ref": "#/definitions/uuid4"
    }
  }
}
```

## Response fields

this is a uuid for this user and this basket

| fieldname | meaning |
|---|---|
| url | DEPRECATED |
| user_token | this is a uuid for this user and this order (every order init has a new) |
| app_token | this is a uuid for this app and this order (every order init has a new) |

## Samples

> Expand

source

```
{
  "session_id": "abcabcabc",
  "success_url": "http://somedomain.com/url"
}
```

> Expand

source

```
{
  "url":
"http://ant-web1.wavecloud.de/?user_token=34f9b86d-c899-4703-b85a-3c4971601b59&app_tok
en=10268cc8-2025-4285-8e17-bc3160865824",
  "user_token": "34f9b86d-c899-4703-b85a-3c4971601b59",
  "app_token": "10268cc8-2025-4285-8e17-bc3160865824"
}
```

> Expand

source

```
{
  "session_id": "someEmptyBasket",
  "success_url": "http://somedomain.com/url"
}
```

> Expand

source

```
{
  "error_ident": "0ca1e737-8dff-40cd-9ba3-114d95550e9c",
  "error_message": [
    "Basket is empty: someEmptyBasket"
  ],
  "error_code": 400
}
```

## **Live variant:**

### Description

This does return the live information about the product variant. This is as "live" as possible.
And could differ vs. a "product search" or "product" query.

**Request schema**

> Expand

source

```
{
  "version": "1.0",
  "id": "#live_variant",
  "type": "object",
  "properties": {
    "ids": {
      "type": "array",
      "minItems": 1,
      "maxItems": 200,
      "items": [
        {
          "type": "integer",
          "minimum": 1
        }
      ]
    }
  },
  "additionalProperties": false,
  "required": [
    "ids"
  ]
}
```

# Request fields

**basic**

| fieldname | meaning |
|---|---|
| ids | array of product variant id |

**Response schema**

```
{
  "version": "1.0",
  "id": "#live_variant_response",
  "type": "object",
  "additionalProperties": false,
  "patternProperties": {
    "^[0-9]+$": {
      "type": "object",
      "additionalProperties": false,
      "properties": {
        "id": {
          "type": "integer",
          "minimum": 1
        },
        "product_id": {
          "type": "integer",
          "minimum": 1
        },
        "available_stock": {
          "type": "integer",
          "minimum": 0
        },
        "price": {
          "type": "integer",
          "minimum": 0
        },
        "error_code": {
          "type": "integer",
          "enum": [
            404,
            410
          ]
        },
        "error_message": {
          "type": "array",
          "items": [
            {
              "type": "string"
            }
          ]
        },
        "required": [
          "id"
        ]
      }
    }
  }
}
```

## Response fields

this is a uuid for this user and this basket

| fieldname | meaning |
|---|---|
| id | product variant id |
| product_id | id of the product to which this variant belongs |
| available_stock | the available stock of this variant |
| price | price in eurocents |
| error_code | on error this is filled (you still get the id) |
| error_message | on error this is filled (you still get the id) |

## Error codes

| error code | message | reason |
|---|---|---|
| 404 | Variant not found | if this variant does not belong to your app or is not accessible anymore |
| 410 | Variant is inactive | variant is not sellable at the moment |

## Samples

One product is working, one has a 404 and one is with the 410 error code.

> Expand

source

```
{
    "ids":[3981151, 1]
}
```

```
                                                                    ⟩ Expand

{                                                                     source
  "1": {
    "error_message": [
      "Variant not found"
    ],
    "error_code": 404,
    "id": 1
  },
  "3949221": {
    "product_id": 139570,
    "price": 5999,
    "error_message": [
      "Variant is inactive"
    ],
    "available_stock": 47,
    "error_code": 410,
    "id": 3949221
  },
  "3981151": {
    "available_stock": 31,
    "price": 1990,
    "id": 3981151,
    "product_id": 141487
  }
}
```

## Product:

### Description

Here you get a detail view of a product or a list of products returned by its ids.

```
{
  "version": "1.0",
  "id": "#products",
  "type": "object",
  "additionalProperties": false,
  "required": [
    "ids"
  ],
  "properties": {
    "fields": {
      "$ref": "#/definitions/product_index_fields"
    },
    "ids": {
      "type": "array",
      "minItems": 1,
      "maxItems": 200,
      "items": {
        "type": "integer",
        "minimum": 1
      }
    }
  }
}
```

## Request fields

**basic**

| fieldname | meaning |
|---|---|
| ids | array of product variant id |

**Response schema**  ❯ Expand

source

```
{
  "version": "1.0",
  "id": "#products_response",
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "ids": {
      "type": "object",
      "additionalProperties": false,
      "patternProperties": {
        "^[0-9]+$": {
          "$ref": "#/object/product"
        }
      }
    },
    "pageHash": {
      "$ref": "#/definitions/uuid4"
    }
  },
  "required": [
    "pageHash"
  ]
}
```

## Response fields

this is a uuid for this user and this basket

| fieldname | meaning |
|-----------|---------|
| ids | quick access to products by product_id has key / hash |

## Error codes

| error code | message | reason |
|------------|---------|--------|
| 404 | Variant not found | if this variant does not belong to your app or is not accessible anymore |
| 410 | Variant is inactive | variant is not sellable at the moment |

## Samples

One product is working, one has a 404 and one is with the 410 error code.

```
                                                    › Expand
{
                                                    source
  "ids": [
    11,
    144389
  ],
  "fields": [
    "variants"
  ]
}
```

```
                                                    › Expand
{
                                                    source
  "pageHash": "cb9e9258-577e-4dcf-ad1c-9370c80e26f8",
  "ids": {
    "144389": {
      "active": "true",
      "variants": [
        {
          "ean": "#",
          "default": false,
          "price": 4999,
          "old_price": 0,
          "images": [
            {
              "id": 146565,
              "extension": ".jpg"
            }
          ],
          "attributes": {
            "attributes_2": [
              10
            ],
            "attributes_0": [
              269
            ],
            "attributes_1": [
              55
            ]
          },
          "retail_price": 0,
          "id": 4029460,
          "quantity": 1
        },
        {
          "ean": "#",
          "default": false,
          "price": 4999,
          "old_price": 0,
          "images": [
            {
              "id": 146565,
              "extension": ".jpg"
```

```json
        }
      ],
      "attributes": {
        "attributes_2": [
          5
        ],
        "attributes_0": [
          269
        ],
        "attributes_1": [
          55
        ]
      },
      "retail_price": 0,
      "id": 4029461,
      "quantity": 1
    },
    {
      "ean": "#",
      "default": false,
      "price": 4999,
      "old_price": 0,
      "images": [
        {
          "id": 146565,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          7
        ],
        "attributes_0": [
          269
        ],
        "attributes_1": [
          55
        ]
      },
      "retail_price": 0,
      "id": 4029462,
      "quantity": 3
    },
    {
      "ean": "#",
      "default": false,
      "price": 4999,
      "old_price": 0,
      "images": [
        {
          "id": 146565,
          "extension": ".jpg"
        }
      ],
      "attributes": {
        "attributes_2": [
          16
        ],
        "attributes_0": [
```

```
      269
    ],
    "attributes_1": [
      55
    ]
  },
  "retail_price": 0,
  "id": 4029463,
  "quantity": 1
},
{
  "ean": "#",
  "default": false,
  "price": 4999,
  "old_price": 0,
  "images": [
    {
      "id": 146565,
      "extension": ".jpg"
    }
  ],
  "attributes": {
    "attributes_2": [
      17
    ],
    "attributes_0": [
      269
    ],
    "attributes_1": [
      55
    ]
  },
  "retail_price": 0,
  "id": 4029464,
  "quantity": 1
},
{
  "ean": "#",
  "default": false,
  "price": 4999,
  "old_price": 0,
  "images": [
    {
      "id": 146565,
      "extension": ".jpg"
    }
  ],
  "attributes": {
    "attributes_2": [
      19
    ],
    "attributes_0": [
      269
    ],
    "attributes_1": [
      55
    ]
  },
  "retail_price": 0,
```

```json
        "id": 4029465,
        "quantity": 2
      },
      {
        "ean": "#",
        "default": false,
        "price": 4999,
        "old_price": 0,
        "images": [
          {
            "id": 146565,
            "extension": ".jpg"
          }
        ],
        "attributes": {
          "attributes_2": [
            6
          ],
          "attributes_0": [
            269
          ],
          "attributes_1": [
            55
          ]
        },
        "retail_price": 0,
        "id": 4029466,
        "quantity": 1
      }
    ],
    "id": 144389,
    "name": "Sandalette, Rieker"
```

```
        }
      }
    }
```

# Productsearch:

## Description

This is the main query for retrieving products for your app.
Lists of products will be returned which are filtered.
In a search you dont get back inactive set products.

The response can contain the available facets and their product count and categories for the
filter set.
There are two types of facets:

1.  is a pre defined and always available set of facets
    a.  price range (amazon like see: prices field in response schema)
    b.  sale facet how many products are sale and how many not
    c.  categories
2.  dynamic facets which occur through the products itself. If a product has one the these attributes you are able to
    query for these attributes. These facets are always just ids. The name -> id, id -> name resolution
    works through facets call. To get all the facet groups you can filter or are in your result set see "Facet types"

---

### Request schema                                          › Expand

```
{                                                            source
  "version": "1.0.1",
  "defaults": {
    "result.categories": false,
    "result.price": false,
    "result.sale": false,
    "result.facets._all.limit": 0,
    "result.sort.by": "relevance",
    "result.sort.direction": "desc",
    "result.limit": 25,
    "result.offset": 0,
    "__default.max_facet_limit": 100000,
    "__default.sort_mapping": {
      "relevance": "_score",
      "updated_date": "updated_date",
      "created_date": "created_date",
      "most_viewed": "_score",
      "price": "min_price"
    }
  },
  "id": "#product_search",
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "session_id": {
      "$ref": "#/definitions/user_session_id"
    },
    "filter": {
      "type": "object",
```

```json
      "additionalProperties": false,
      "properties": {
        "categories": {
          "type": "array",
          "minItems": 1,
          "maxItems": 10,
          "items": [
            {
              "type": "integer",
              "minimum": 1
            }
          ]
        },
        "sale": {
          "type": [
            "null",
            "boolean"
          ]
        },
        "prices": {
          "type": "object",
          "additionalProperties": false,
          "properties": {
            "from": {
              "type": "integer",
              "minimum": 1
            },
            "to": {
              "type": "integer",
              "minimum": 1
            }
          }
        },
        "searchword": {
          "$ref": "#/definitions/searchword"
        },
        "facets": {
          "type": "object",
          "additionalProperties": false,
          "patternProperties": {
            "^[0-9]+$": {
              "type": "array",
              "minItems": 1,
              "items": [
                {
                  "type": "integer",
                  "minimum": 1
                }
              ]
            }
          }
        }
      }
    },
    "result": {
      "type": "object",
      "additionalProperties": false,
      "properties": {
        "sort": {
```

```
        "type": "object",
        "properties": {
          "by": {
            "type": "string",
            "enum": [
              "relevance",
              "updated_date",
              "created_date",
              "most_viewed",
              "price"
            ]
          },
          "direction": {
            "type": "string",
            "enum": [
              "asc",
              "desc"
            ]
          }
        },
        "additionalProperties": false
      },
      "price": {
        "type": "boolean",
        "default": false
      },
      "sale": {
        "type": "boolean",
        "default": false
      },
      "limit": {
        "type": "integer",
        "minimum": 0,
        "maximum": 200
      },
      "offset": {
        "type": "integer",
        "minimum": 0
      },
      "fields": {
        "$ref": "#/definitions/product_index_fields"
      },
      "facets": {
        "type": "object",
        "patternProperties": {
          "^_all$": {
            "$ref": "#/object/facet_fields"
          },
          "^[0-9]+$": {
            "$ref": "#/object/facet_fields"
          }
        },
        "additionalProperties": false
      },
      "categories": {
        "type": "boolean"
      }
    }
  }
```

```
        },
        "required": [
```

```
        "session_id"
    ]
}
```

## Request fields

### basic

| fieldname | meaning |
| --- | --- |
| session_id | the session_id of the frontend customer |
| filter | object of filter information, these filters do change the subset of products |
| result | object of result information, these properties change the order and the appearance of the subset |

### filter

| fieldname | meaning |
| --- | --- |
| categories | array of category ids to include the products from |
| sale | true => only sale products<br><br>false => no sale products<br><br>null => both |
| prices | is an object with properties from and to which lead to range filter on the price set as eurocent |
| searchword | the word which filters every product |
| facets | object of attributes every key is an array of facet id values to filter by them |

### result

| fieldname | meaning |
| --- | --- |
| sort | how to sort the products |
| price | geta back a range of attributes and their product counts also some statistical information in eurocent. |
| sale | product count of products which are in sale |
| facets | object of which facet get back what count of facets |
| categories | set if get or not back the categories in which are products and the count of products |
| limit | how many products to get back |
| offset | the offset where to start to get the products from |

### result.facets

| fieldname | meaning |
| --- | --- |

| | |
|---|---|
| _all | is an object with property limit which holds an integer to get the amount of attributes, sort by occurrences in products

if this is set, this is the default for ALL attributes. |
| [ 0-9 ]+ | is an object with property limit which holds an integer to get the amount of attributes of this attribute group id, sort by occurrences in products.

this overwrites even the _all field. |

**Response schema**  ❯ Expand

source

```
{
  "id": "#productsearch_response",
  "version": "1.0",
  "type": "object",
  "properties": {
    "product_count": {
      "type": "integer",
      "minimum": 0
    },
    "pageHash": {
      "$ref": "#/definitions/uuid4"
    },
    "products": {
      "type": "array",
      "items": [
        {
          "$ref": "#/object/product"
        }
      ]
    },
    "facets": {
      "type": "object",
      "patternProperties": {
        "^[0-9]+$": {
          "$ref": "#/object/facet"
        },
        "^categories$": {
          "type": "array",
          "items": [
            {
              "type": "object",
              "properties": {
                "count": {
                  "type": "integer",
                  "minimum": 0
                },
                "term": {
                  "type": "integer",
                  "minimum": 1
                }
              }
            }
          ]
        },
```

```json
        "^prices$": {
          "type": "object",
          "properties": {
            "ranges": {
              "type": "array",
              "items": [
                {
                  "type": "object",
                  "properties": {
                    "count": {
                      "type": "integer",
                      "minimum": 0
                    },
                    "from": {
                      "type": "number",
                      "minimum": 0.0
                    },
                    "min": {
                      "type": "number",
                      "minimum": 0.0
                    },
                    "max": {
                      "type": "number",
                      "minimum": 0.0
                    },
                    "to": {
                      "type": "number",
                      "minimum": 0.0
                    },
                    "total_count": {
                      "type": "integer",
                      "minimum": 0
                    },
                    "total": {
                      "type": "number",
                      "minimum": 0.0
                    },
                    "mean": {
                      "type": "number",
                      "minimum": 0.0
                    }
                  }
                }
              ]
            }
          }
        },
        "^sale$": {
          "$ref": "#/object/facet"
        }
      }
    }
  },
  "required": [
    "pageHash",
```

```
          "product_count"
      ]
  }
```

## Response fields

this is a uuid for this user and this basket

| fieldname | meaning |
| --- | --- |
| ids | quick access to products by product_id has key / hash |

## Samples

source

```
{"session_id":"abcabcabc"}
```

source

```
{
  "product_count": 10373,
  "pageHash": "171301b3-1797-4784-992d-7c6800fec38b",
  "facets": {
    "categories": [
      {
        "count": 10373,
        "term": 284
      },
      {
        "count": 4614,
        "term": 420
      },
      {
        "count": 3278,
        "term": 480
      },
      {
        "count": 3278,
        "term": 479
      },
      {
        "count": 2312,
        "term": 285
      },
      {
        "count": 1146,
```

```
      "term": 318
    },
    {
      "count": 1122,
      "term": 436
    },
    {
      "count": 1005,
      "term": 322
    },
    {
      "count": 914,
      "term": 438
    },
    {
      "count": 878,
      "term": 440
    },
    {
      "count": 662,
      "term": 498
    },
    {
      "count": 566,
      "term": 328
    },
    {
      "count": 505,
      "term": 450
    },
    {
      "count": 422,
      "term": 421
    },
    {
      "count": 412,
      "term": 425
    },
    {
      "count": 376,
      "term": 522
    },
    {
      "count": 365,
      "term": 304
    },
    {
      "count": 360,
      "term": 491
    },
    {
      "count": 342,
      "term": 493
    },
    {
      "count": 330,
      "term": 386
    },
    {
```

      "count": 327,
      "term": 388
    },
    {
      "count": 309,
      "term": 340
    },
    {
      "count": 306,
      "term": 395
    },
    {
      "count": 303,
      "term": 351
    },
    {
      "count": 283,
      "term": 463
    },
    {
      "count": 274,
      "term": 541
    },
    {
      "count": 268,
      "term": 316
    },
    {
      "count": 231,
      "term": 326
    },
    {
      "count": 217,
      "term": 349
    },
    {
      "count": 200,
      "term": 458
    },
    {
      "count": 188,
      "term": 327
    },
    {
      "count": 155,
      "term": 482
    },
    {
      "count": 150,
      "term": 287
    },
    {
      "count": 136,
      "term": 317
    },
    {
      "count": 121,
      "term": 434
    },

```json
  {
    "count": 111,
    "term": 323
  },
  {
    "count": 109,
    "term": 398
  },
  {
    "count": 108,
    "term": 354
  },
  {
    "count": 104,
    "term": 441
  },
  {
    "count": 88,
    "term": 461
  },
  {
    "count": 85,
    "term": 346
  },
  {
    "count": 81,
    "term": 451
  },
  {
    "count": 75,
    "term": 344
  },
  {
    "count": 73,
    "term": 324
  },
  {
    "count": 69,
    "term": 402
  },
  {
    "count": 67,
    "term": 352
  },
  {
    "count": 65,
    "term": 355
  },
  {
    "count": 64,
    "term": 294
  },
  {
    "count": 59,
    "term": 514
  },
  {
    "count": 58,
    "term": 507
```

    },
    {
      "count": 58,
      "term": 399
    },
    {
      "count": 57,
      "term": 460
    },
    {
      "count": 54,
      "term": 455
    },
    {
      "count": 50,
      "term": 361
    },
    {
      "count": 50,
      "term": 310
    },
    {
      "count": 49,
      "term": 472
    },
    {
      "count": 47,
      "term": 469
    },
    {
      "count": 47,
      "term": 371
    },
    {
      "count": 46,
      "term": 345
    },
    {
      "count": 45,
      "term": 471
    },
    {
      "count": 44,
      "term": 486
    },
    {
      "count": 42,
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    },
    {
      "count": 41,
      "term": 350
    },
    {
      "count": 41,
      "term": 308
    },
    {
      "count": 40,

```
      "term": 362
    },
    {
      "count": 40,
      "term": 341
    },
    {
      "count": 40,
      "term": 314
    },
    {
      "count": 38,
      "term": 476
    },
    {
      "count": 38,
      "term": 319
    },
    {
      "count": 36,
      "term": 506
    },
    {
      "count": 36,
      "term": 373
    },
    {
      "count": 36,
      "term": 325
    },
    {
      "count": 35,
      "term": 470
    },
    {
      "count": 33,
      "term": 487
    },
    {
      "count": 33,
      "term": 291
    },
    {
      "count": 32,
      "term": 504
    },
    {
      "count": 28,
      "term": 292
    },
    {
      "count": 27,
      "term": 502
    },
    {
      "count": 26,
      "term": 495
    },
    {
```

      "count": 24,
      "term": 478
    },
    {
      "count": 23,
      "term": 397
    },
    {
      "count": 22,
      "term": 459
    },
    {
      "count": 21,
      "term": 516
    },
    {
      "count": 21,
      "term": 400
    },
    {
      "count": 20,
      "term": 444
    },
    {
      "count": 20,
      "term": 329
    },
    {
      "count": 19,
      "term": 435
    },
    {
      "count": 17,
      "term": 489
    },
    {
      "count": 17,
      "term": 475
    },
    {
      "count": 16,
      "term": 462
    },
    {
      "count": 16,
      "term": 418
    },
    {
      "count": 16,
      "term": 360
    },
    {
      "count": 15,
      "term": 517
    },
    {
      "count": 15,
      "term": 508
    },

```
  {
    "count": 15,
    "term": 347
  },
  {
    "count": 14,
    "term": 512
  },
  {
    "count": 14,
    "term": 499
  },
  {
    "count": 14,
    "term": 494
  },
  {
    "count": 14,
    "term": 447
  },
  {
    "count": 13,
    "term": 419
  },
  {
    "count": 13,
    "term": 288
  },
  {
    "count": 11,
    "term": 511
  },
  {
    "count": 11,
    "term": 510
  },
  {
    "count": 11,
    "term": 484
  },
  {
    "count": 11,
    "term": 384
  },
  {
    "count": 10,
    "term": 515
  },
  {
    "count": 10,
    "term": 474
  },
  {
    "count": 9,
    "term": 374
  },
  {
    "count": 9,
    "term": 372
```

```json
    },
    {
      "count": 8,
      "term": 521
    },
    {
      "count": 8,
      "term": 503
    },
    {
      "count": 8,
      "term": 403
    },
    {
      "count": 8,
      "term": 378
    },
    {
      "count": 7,
      "term": 509
    },
    {
      "count": 7,
      "term": 466
    },
    {
      "count": 7,
      "term": 445
    },
    {
      "count": 7,
      "term": 439
    },
    {
      "count": 7,
      "term": 422
    },
    {
      "count": 7,
      "term": 385
    },
    {
      "count": 7,
      "term": 342
    },
    {
      "count": 7,
      "term": 296
    },
    {
      "count": 6,
      "term": 513
    },
    {
      "count": 6,
      "term": 505
    },
    {
      "count": 6,
```

```
      "term": 456
    },
    {
      "count": 6,
      "term": 426
    },
    {
      "count": 6,
      "term": 406
    },
    {
      "count": 5,
      "term": 500
    },
    {
      "count": 5,
      "term": 497
    },
    {
      "count": 5,
      "term": 464
    },
    {
      "count": 5,
      "term": 428
    },
    {
      "count": 5,
      "term": 356
    },
    {
      "count": 5,
      "term": 312
    },
    {
      "count": 4,
      "term": 519
    },
    {
      "count": 4,
      "term": 496
    },
    {
      "count": 4,
      "term": 477
    },
    {
      "count": 4,
      "term": 467
    },
    {
      "count": 4,
      "term": 454
    },
    {
      "count": 4,
      "term": 453
    },
    {
```

```json
      "count": 4,
      "term": 410
    },
    {
      "count": 4,
      "term": 396
    },
    {
      "count": 4,
      "term": 363
    },
    {
      "count": 4,
      "term": 320
    },
    {
      "count": 4,
      "term": 297
    },
    {
      "count": 4,
      "term": 289
    },
    {
      "count": 3,
      "term": 490
    },
    {
      "count": 3,
      "term": 488
    },
    {
      "count": 3,
      "term": 483
    },
    {
      "count": 3,
      "term": 457
    },
    {
      "count": 3,
      "term": 408
    },
    {
      "count": 3,
      "term": 382
    },
    {
      "count": 3,
      "term": 377
    },
    {
      "count": 3,
      "term": 311
    },
    {
      "count": 3,
      "term": 307
    },
```

```json
  {
    "count": 3,
    "term": 300
  },
  {
    "count": 3,
    "term": 298
  },
  {
    "count": 2,
    "term": 485
  },
  {
    "count": 2,
    "term": 452
  },
  {
    "count": 2,
    "term": 449
  },
  {
    "count": 2,
    "term": 442
  },
  {
    "count": 2,
    "term": 437
  },
  {
    "count": 2,
    "term": 423
  },
  {
    "count": 2,
    "term": 387
  },
  {
    "count": 2,
    "term": 380
  },
  {
    "count": 2,
    "term": 376
  },
  {
    "count": 2,
    "term": 364
  },
  {
    "count": 2,
    "term": 353
  },
  {
    "count": 2,
    "term": 321
  },
  {
    "count": 2,
    "term": 293
```

```
    },
    {
      "count": 1,
      "term": 518
    },
    {
      "count": 1,
      "term": 492
    },
    {
      "count": 1,
      "term": 481
    },
    {
      "count": 1,
      "term": 473
    },
    {
      "count": 1,
      "term": 468
    },
    {
      "count": 1,
      "term": 465
    },
    {
      "count": 1,
      "term": 448
    },
    {
      "count": 1,
      "term": 443
    },
    {
      "count": 1,
      "term": 433
    },
    {
      "count": 1,
      "term": 416
    },
    {
      "count": 1,
      "term": 411
    },
    {
      "count": 1,
      "term": 409
    },
    {
      "count": 1,
      "term": 391
    },
    {
      "count": 1,
      "term": 389
    },
    {
      "count": 1,
```

```
          "term": 381
        },
        {
          "count": 1,
          "term": 369
        },
        {
          "count": 1,
          "term": 365
        },
        {
          "count": 1,
          "term": 358
        },
        {
          "count": 1,
          "term": 357
        },
        {
          "count": 1,
          "term": 313
        },
        {
          "count": 1,
          "term": 306
        },
        {
          "count": 1,
          "term": 305
        },
        {
          "count": 1,
          "term": 290
        },
        {
          "count": 1,
          "term": 286
        }
      ]
    },
    "products": [
      {
        "id": 149476,
        "name": "Hose"
      },
      {
        "id": 145345,
        "name": "Hose"
      },
      {
        "id": 143116,
        "name": "Hose"
      },
      {
        "id": 142327,
        "name": "Hose"
      },
      {
        "id": 155166,
```

```json
      "name": "Melrose Bandeautop"
    },
    {
      "id": 155161,
      "name": "Bluse"
    },
    {
      "id": 154697,
      "name": "Bustierbikini"
    },
    {
      "id": 154695,
      "name": "Bandeau-Bikini, LASCANA"
    },
    {
      "id": 153647,
      "name": "Umhängetasche, Bruno Banani"
    },
    {
      "id": 153643,
      "name": "Triangelbikini"
    },
    {
      "id": 152595,
      "name": "Charms-Einhänger, Fossil, »JF00670«"
    },
    {
      "id": 152598,
      "name": "Ring, Fossil, »JF85421«"
    },
    {
      "id": 152597,
      "name": "Melrose Long-Tunika"
    },
    {
      "id": 152591,
      "name": "Charms-Einhänger, Fossil, »Schlange, JF00308«"
    },
    {
      "id": 152596,
      "name": "Boysen's Shirt (2 Stück)"
    },
    {
      "id": 152592,
      "name": "Sandale, Rieker"
    },
    {
      "id": 154342,
      "name": "Schnürer, Mustang Shoes"
    },
    {
      "id": 162296,
      "name": "Schuh Damen"
    },
    {
      "id": 149741,
      "name": "High Heel Stiefelette, Laura Scott"
    },
    {
```

      "id": 149743,
      "name": "Charms-Einhänger, Fossil, »Blume, JF00317«"
    },
    {
      "id": 149747,
      "name": "Bändchenhose Damen"
    },
    {
      "id": 149744,
      "name": "Bikinihose"
    },
    {
      "id": 149748,
      "name": "Liebeskind Canvastasche"
    },
    {
      "id": 149749,
      "name": "Blusentop"
    },
    {
      "id": 158440,
      "name": "Keilsandalette, Bullboxer"

```
        }
    ]
}
```

# <u>Suggest</u>

## Description

The suggest endpoint does what it says and suggest more terms.
It takes a searchterm and suggests terms which occurance is really often in combination with these
terms before.

| Request schema | ⟩ Expand |
| --- | --- |

```
{                                                         source
  "version": "1.0.0",
  "id": "#suggest",
  "type": "object",
  "required": [
    "searchword"
  ],
  "defaults": {
    "limit": 10
  },
  "properties": {
    "searchword": {
      "$ref": "#/definitions/searchword"
    },
    "categories": {
      "type": "array",
      "minItems": 1,
      "items": [
        {
          "type": "integer",
          "minimum": 1
        }
      ]
    },
    "limit": {
      "type": "integer",
      "minimum": 1,
      "maximum": 200
    }
  },
  "additionalProperties": false
}
```

## Request fields

**basic**

| fieldname | meaning |
| --- | --- |
| searchword | string of a searchterm to suggest more words for |

| categories | array of category ids |
| limit | amount of items to suggest |

**Response schema**

```
{
  "version": "1.0",
  "id": "#suggest_response",
  "type": "array",
  "items": [
    {
      "type": "string",
      "blank": false
    }
  ]
}
```

## Response fields

this is a uuid for this user and this basket

| fieldname | meaning |
|-----------|---------|
| items | array of "searchword" extension where at least one product exists. |

## Samples

@TODO:

# Objects

**All objects**

```
{
  "basket": {
    "type": "object",
    "additionalProperties": false,
    "properties": {
      "product_variant": {
        "type": "array",
        "minItems": 0,
        "items": [
          {
            "$ref": "#/object/basket_variant"
          }
        ]
      },
      "products": {
        "type": "object",
        "additionalProperties": false,
        "patternProperties": {
          "^[0-9]+$": {
```

```json
              "$ref": "#/object/product"
            }
          }
        },
        "total_variants": {
          "type": "integer",
          "minimum": 0
        },
        "amount_variants": {
          "type": "integer",
          "minimum": 0
        },
        "total_price": {
          "type": "integer",
          "minimum": 0
        },
        "total_net": {
          "type": "integer",
          "minimum": 0
        },
        "total_vat": {
          "type": "integer",
          "minimum": 0
        }
      },
      "required": [
        "product_variant",
        "products",
        "total_variants",
        "amount_variants",
        "total_price",
        "total_net",
        "total_vat"
      ]
    },
    "category_error": {
      "id": "#response_category_error",
      "properties": {
        "error_message": {
          "type": "array",
          "items": [
            {
              "type": "string",
              "blank": false
            }
          ]
        },
        "error_code": {
          "type": "integer",
          "enum": [
            404,
            410
          ]
        }
      },
      "required": [
        "error_code",
        "error_message"
      ],
```

```json
      "additionalProperties": false
    },
    "category_object": {
      "id": "#response_category_category",
      "properties": {
        "name": {
          "type": "string",
          "blank": false
        },
        "id": {
          "type": "integer",
          "minimum": 1
        },
        "parent": {
          "type": [
            "integer",
            "null"
          ],
          "minimum": 1
        },
        "position": {
          "type": "integer",
          "minimum": 0
        },
        "sub_categories": {
          "type": "array",
          "items": [
            {
              "$ref": "#/object/category_object"
            }
          ]
        },
        "active": {
          "type": "boolean"
        }
      },
      "required": [
        "id",
        "name",
        "parent",
        "position",
        "active"
      ],
      "additionalProperties": false
    },
    "category": {
      "type": "object",
      "oneOf": [
        {
          "$ref": "#/object/category_object"
        },
        {
          "$ref": "#/object/category_error"
        }
      ]
    },
    "product": {
      "type": "object",
      "additionalProperties": false,
```

```json
    "patternProperties": {
      "^id$": {
        "type": "integer",
        "minimum": 1
      },
      "^name$": {
        "type": "string"
      },
      "^active$": {
        "type": [
          "boolean",
          "string"
        ]
      },
      "^brand_id$": {
        "type": "integer"
      },
      "^description_long$": {
        "type": "string"
      },
      "^description_short$": {
        "type": "string"
      },
      "^default_variant$": {
        "$ref": "#/object/variant"
      },
      "^variants$": {
        "type": "array",
        "items": [
          {
            "$ref": "#/object/variant"
          }
        ]
      },
      "^min_price$": {
        "type": "integer",
        "minimum": 0
      },
      "^max_price$": {
        "type": "integer",
        "minimum": 0
      },
      "^sale$": {
        "type": "boolean"
      },
      "^default_image$": {
        "$ref": "#/object/image"
      },
      "^attributes_merged$": {
        "$ref": "#/object/attributes"
      },
      "^categories.[0-9]+$": {
        "type": "array",
        "items": [
          {
            "type": "array",
            "items": [
              {
                "type": "integer"
```

```
                    }
                ]
            }
        ]
    }
  }
},
"basket_variant": {
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "unit_price": {
      "type": "integer",
      "minimum": 0
    },
    "total_price": {
      "type": "integer",
      "minimum": 0
    },
    "total_net": {
      "type": "integer",
      "minimum": 0
    },
    "total_vat": {
      "type": "integer",
      "minimum": 0
    },
    "amount": {
      "type": "integer",
      "minimum": 0
    },
    "product_id": {
      "type": "integer",
      "minimum": 1
    },
    "id": {
      "type": "integer",
      "minimum": 1
    },
    "tax": {
      "type": "integer",
      "minimum": 0
    }
  }
},
"variant": {
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "id": {
      "type": "integer",
      "minimum": 0
    },
    "ean": {
      "type": "string"
    },
    "price": {
      "type": "integer",
      "minimum": 1
```

```
          },
          "quantity": {
            "type": "integer",
            "minimum": 0
          },
          "old_price": {
            "type": "integer",
            "minimum": 0
          },
          "retail_price": {
            "type": "integer",
            "minimum": 0
          },
          "default": {
            "type": "boolean"
          },
          "attributes": {
            "$ref": "#/object/attributes"
          },
          "images": {
            "type": "array",
            "items": [
              {
                "$ref": "#/object/image"
              }
            ]
          }
        }
      },
      "image": {
        "type": "object",
        "properties": {
          "id": {
            "type": "integer",
            "minimum": 1
          },
          "extension": {
            "type": "string",
            "blank": false
          }
        }
      },
      "attributes": {
        "type": "object",
        "additionalProperties": false,
        "patternProperties": {
          "attributes_[0-9]+$": {
            "type": "array",
            "items": [
              {
                "type": "integer"
              }
            ]
          }
        }
      },
      "facet": {
        "type": "object",
        "items": [
```

```
          {
            "type": "object",
            "properties": {
              "_type": {
                "type": "string",
                "enum": [
                  "terms"
                ]
              },
              "other": {
                "type": "integer",
                "minimum": 0
              },
              "missing": {
                "type": "integer",
                "minimum": 0
              },
              "total": {
                "type": "integer",
                "minimum": 0
              },
              "terms": {
                "type": "object",
                "properties": {
                  "count": {
                    "type": "integer",
                    "minimum": 0
                  },
                  "term": {
                    "type": "integer",
                    "minimum": 0
                  }
                }
              }
            }
          }
        ]
      },
      "facet_fields": {
        "type": "object",
        "required": [
          "limit"
        ],
        "properties": {
          "limit": {
            "type": "integer",
            "minimum": -1,
            "maximum": 10000
          }
```

```
            }
        }
    }
```

## basket

| fieldname | meaning |
| --- | --- |
| product_variant | array of the product variants which are the items in the basket (see: basket_variant) |
| products | is a hash / dict for the products belonging to 1 or more product variants |
| total_variants | size of product_variant array |
| amount_variants | is the sum of the quantity of all variants |
| total_price | the total price of all items including tax (in eurocents) |
| total_net | the total price excluding tax (in eurocents) |
| total_vat | the total tax amount (in eurocents) |

## basket_variant

| fieldname | meaning |
| --- | --- |
| unit_price | price of one unit of this item (in eurocents) |
| total_price | total price with tax for all units (in eurocents) |
| total_net | total price without tax for all units (in eurocents) |
| total_vat | total tax for all units (in eurocents) |
| amount | amount of units / quantity |
| product_id | id of the product which this variant belongs to |
| id | id of the variant |
| tax | tax as integer |

## category_object

| fieldname | meaning |
| --- | --- |
| name | the name of the category |
| id | identifier of the category |
| parent | identifier of the parent directory null if on root level |
| position | integer to order the categories high to low |
| sub_categories | array of category_object |

## product

| fieldname | meaning |
| --- | --- |

| id | identifier of the product this is needed for getting detail page of product |
|---|---|
| name | the name of the product |
| description_long | products long description |
| description_short | products short description |
| default_variant | if product is active always filled with a variant object (see: variant) |
| min_price | minimum price of all variants (in eurocents) |
| max_price | maximum price of all variants (in eurocents) |
| sale | product has a old price |
| default_image | its the default/main image of the product |
| attributes_merged | is an hash / dict of all attribute groups and that array is merged from all attributes of the variants.<br><br>Basically its an overview of all values of an attribute group of all variants on this product |
| categories.appID | this shows every category this product is in. its always an array of arrays. basically all trees.<br><br>Every subset is merged into one item, if a tree is not a subset of another, its another entry in the category<br><br>array. It also shows inactive categories, we dont distinguish there. The order is more or less random and not prioritized. |

## variant

| fieldname | meaning |
|---|---|
| id | id of the variant |
| ean | ean of the variant |
| price | current price of the variant (in eurocents) |
| old_price | is the price before it was reduced to the current price (in eurocents) |
| retail_price | recommended retail price by the producer (in eurocents) |
| default | if this is the default variant |
| attributes | is a hash / dict of all attribute groups and their values this variant has |
| images | is an array if image objects (see: image) |

## image

| fieldname | meaning |
|---|---|
| id | image id which is needed to get it from our media server, we recommend a cdn in between. (How to build a url for our media server) |
| extension | the extension of the image |

## facet

| fieldname | meaning |
| --- | --- |
| other | TODO |
| missing | how many products dont have that field |
| total | how many products |
| _type | term means this is a string of value with a count of products |
| terms | |

# Definitions

```
{
  "uuid4": {
    "type": "string",
    "pattern":
"[a-f0-9]{8}-?[a-f0-9]{4}-?4[a-f0-9]{3}-?[89ab][a-f0-9]{3}-?[a-f0-9]{12}"
  },
  "searchword": {
    "type": "string",
    "maxLength": 64,
    "minLength": 2
  },
  "url": {
    "type": "string",
    "pattern": "^http(s|)://"
  },
  "user_session_id": {
    "type": "string",
    "minLength": 5,
    "maxlength": 64
  },
  "product_index_fields": {
    "type": "array",
    "items": {
      "type": "string",
      "enum": [
        "id",
        "name",
        "active",
        "brand_id",
        "description_long",
        "description_short",
        "default_variant",
        "variants",
        "min_price",
        "max_price",
        "sale",
        "default_image",
        "attributes_merged",
        "categories"
      ]
    }
  }
}
```

> Expand

source