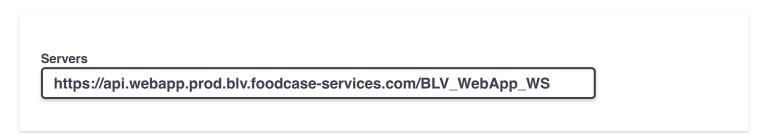
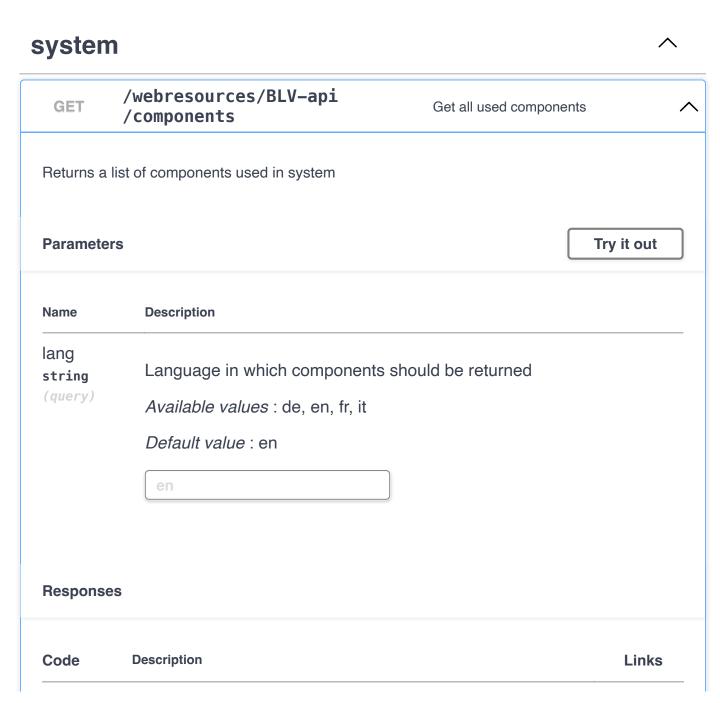
# Swiss food composition database

API for accessing data available in Swiss food composition database.





200

No links

List of components

Media type

# application/json

Controls Accept header.

Example Value Schema

# GET /webresources/BLV-api/units Get all used units

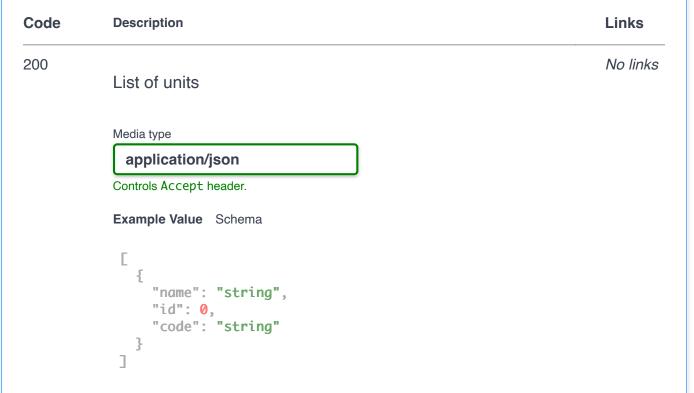
^

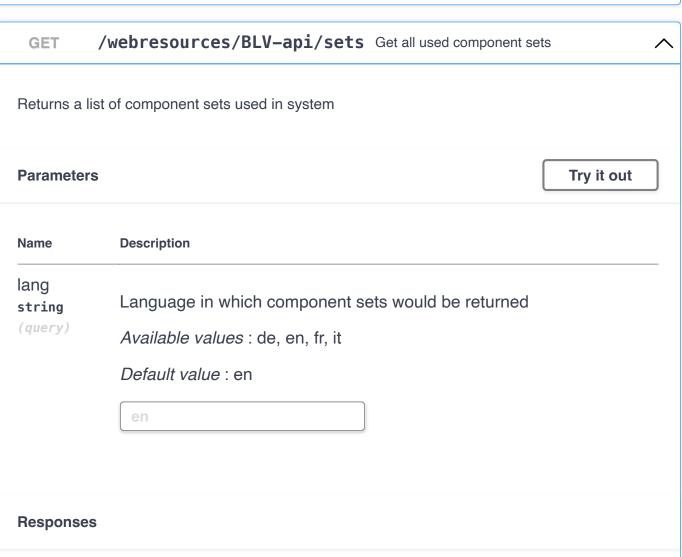
Returns a list of unit used in system

**Parameters** 

Try it out

Name	Description
lang string (query)	Language in which unit should be returned  Available values: de, en, fr, it  Default value: en
	en





Links

No links

Code

200

**Description** 

# List of component sets

Media type

# application/json

Controls Accept header.

Example Value Schema

# **GET** /webresources/BLV-api/groups Get all groups

^

Returns a list of groups used in system

# **Parameters**

Try it out

Name	Description

# lang string

(query)

Language in which component groups should be returned

Available values: de, en, fr, it

Default value : en

en

Code	Description	Links
200	List of groups	No links

Media type

# application/json

Controls Accept header.

Example Value Schema

# GET /webresources/BLV-api /versiondb

Get version of the database

^

Returns object indicating a version of the database

#### **Parameters**

Try it out

No parameters

# Responses

Code	Description	Link	S
------	-------------	------	---

200 No links

List of units

Media type

# application/json

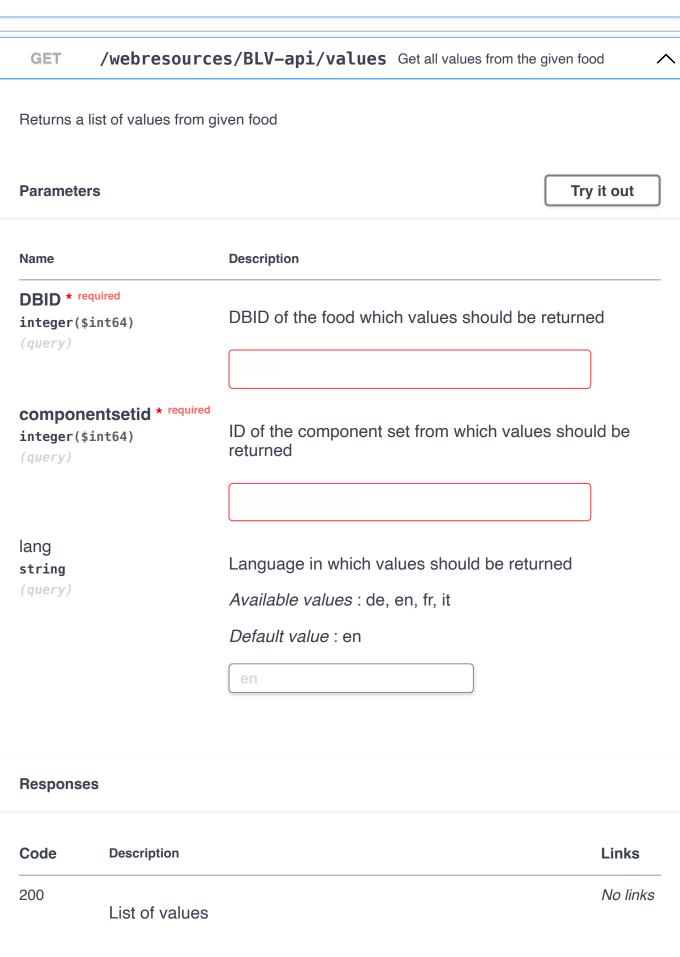
Controls Accept header.

Example Value Schema

```
{
  "idversion": 0,
  "versiontext": "string"
}
```

data





Media type

application/json

Controls Accept header.

```
Example Value Schema
"id": 0,
     "value": "string",
     "references": [
       {
         "id": 0,
         "citation": "string",
         "title": "string",
        "authors": "string",
         "typeDescriptor": "string"
    ],
     "component": {
       "name": "string",
      "id": 0,
"code": "string",
       "group": 0,
       "unit": 0,
"sortorder": 0,
       "componentsets": [
      ]
     },
     "unit" "string"
```

GET /webresources/BLV-api /foods\_old

Get all old foods matching search criteria

**\** 

GET /webresources/BLV-api /categories

Get all used categories

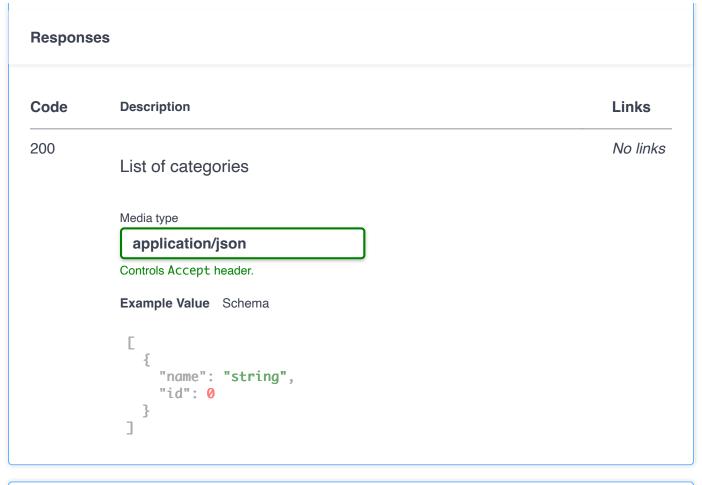
^

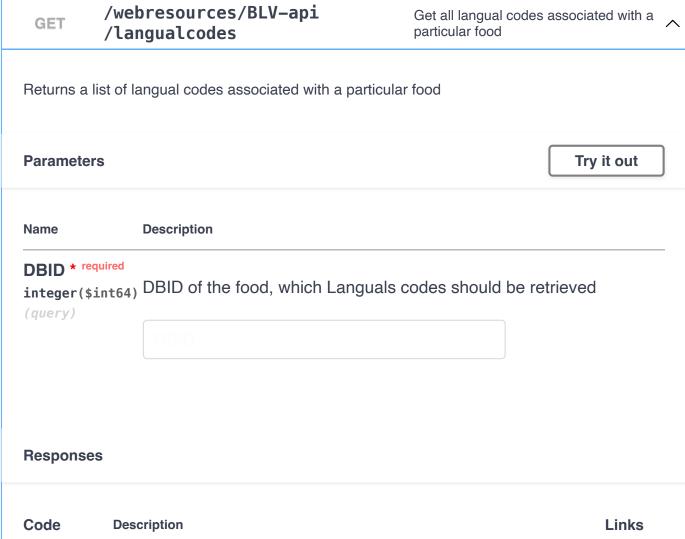
Returns a list of categories used in system

**Parameters** 

Try it out

Name	Description
lang string	Language in which categories should be returned
(query)	Available values : de, en, fr, it
	Default value : en
	en





200

# application/json

Media type

Controls Accept header.

Example Value Schema

# /webresources/BLV-api /topcategories

Get top level categories

Returns a list of top level categories used in system

#### **Parameters**

Try it out

# Name Description

lang string

(query)

Language in which top level categories should be returned

Available values : de, en, fr, it

Default value: en

en

Code	Description	Links
200	List of categories	No links

```
Application/json

Controls Accept header.

Example Value Schema

[
    "name": "string",
    "id": 0
    ]
}
```

```
GET
          /webresources/BLV-api/foods Get all foods matching search criteria
Returns a list of foods
                                                                          Try it out
Parameters
               Description
Name
type
               Indicate if considered food should be generic
boolean
(query)
search
               Search term to search through food names
string
(query)
category
integer($int32) Top level category ID from which subcategories are specified and
               values should be retrieved
(query)
subcategory
array[integer] List of subcategories ID, from which values should be taken of
(query)
component
_{	ext{integer($int64)}}ID of the component from which values should be returned
(query)
```

	component	
operator string (query)	Operator to make comparison between food value parameter  Available values: <, >, =	ues and amount
amount integer(\$int64 (query)	Value taken into account in comparing value aga comparisonOperator specified	ainst
lang string (query)	Language in which value should be returned  Available values: de, en, fr, it  Default value: en	
limit integer(\$int64 (query)	Max number of results returned	
<pre>offset integer(\$int64 (query)</pre>	Offset of the first result returned	
Responses		

Links

No links

Description

List of foods with synonyms and categories

Code

200

```
Media type
```

# application/json

Controls Accept header.

### Example Value Schema

/webresources/BLV-api
/subcategories/{id}

integer(\$int64) ID of top level category

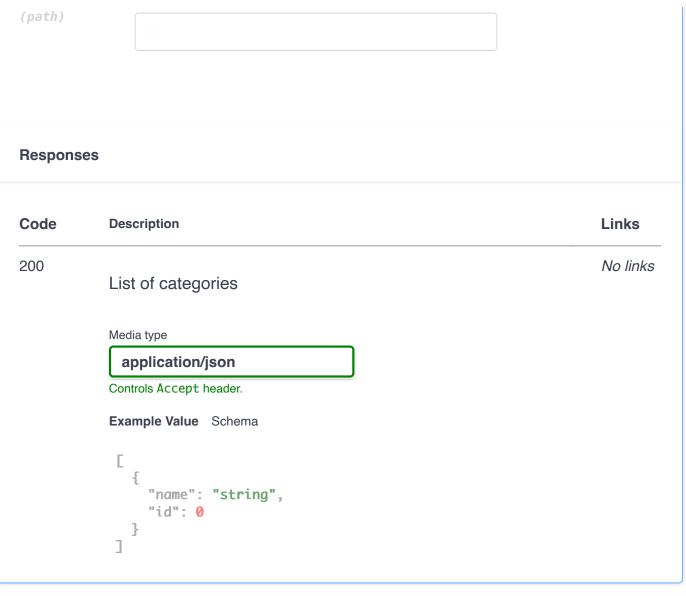
Get all subcategories of particular top level category

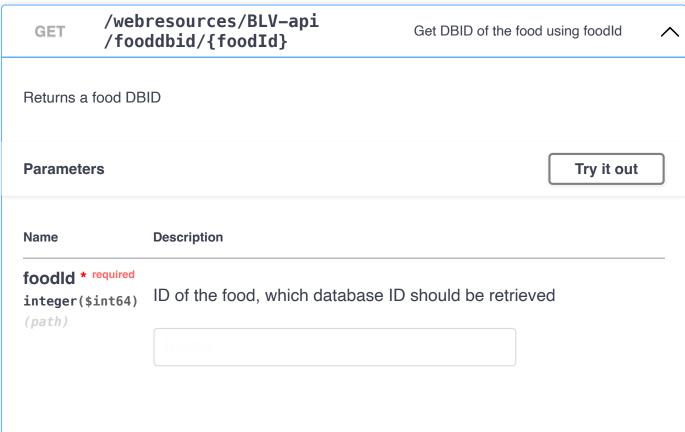
Returns a list of subcategories of particular top level category

### **Parameters**

Try it out

Name	Description
lang string (query)	Language in which subcategories should be returned Available values: de, en, fr, it
	Default value : en
	en
: * required	





# Code Description Links 200 No links Integer DBID Media type application/json Controls Accept header. Example Value Schema [ "name": "string",

GET /webresources/BLV-api /categorizedfoods

]

"id": 0,
"code": "string"

Get all foods gathered by category and counted matching search criteria

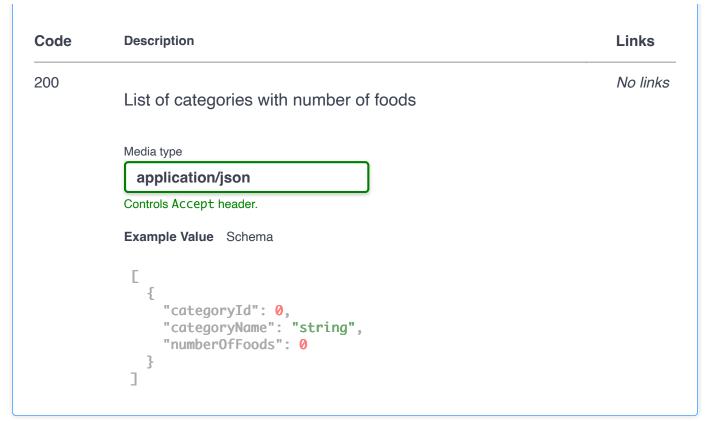
Returns a list categories matching search criteria with number of foods

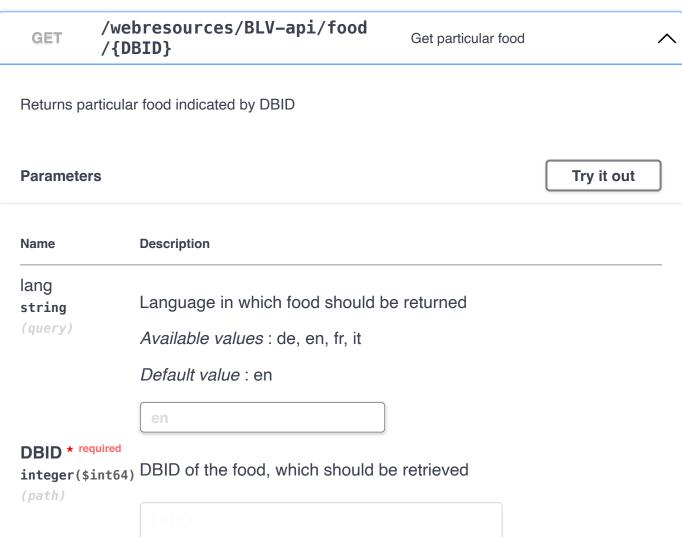
**Parameters** 

Try it out

Name	Description
type boolean (query)	Indicate if considered food should be generic
search string (query)	Search term to search through food names
	search
category integer(\$int(query))	Top level category ID from which subcategories are specified and values should be retrieved

	category
<pre>subcategory array[integer] (query)</pre>	List of subcategories ID, from which values should be taken of
<pre>component integer(\$int64) (query)</pre>	ID of the component from which values should be returned
	component
operator	
string (query)	Operator to make comparison between food values and amount parameter
	Available values : <, >, =
amount	Value taken into a count in a managina value a mainst
<pre>integer(\$int64) (query)</pre>	Value taken into account in comparing value against comparisonOperator specified
	amount
lang	The second of the Control of the Con
string (query)	Language in which categories should be returned
(query)	Available values : de, en, fr, it
	Default value : en
	en
limit integer(\$int64)	Max number of results returned
(query)	
	limit
offset integer(\$int64)	Unused
(query)	offset





#### Responses

Code Description Links

200 No links

Food indicated by DBID

Media type

### application/json

Controls Accept header.

# Example Value Schema

```
"name": "string",
"id": 0,
"ncf": 0,
"facf": 0,
"isgeneric": true,
"isrecipe": true,
"synonyms": [
   "id": 0,
   "term": "string",
    "type": "string"
],
"categories": [
    "name": "string",
    "id": 0
  7
"values": [
    "id": 0,
    "value": 0,
    "rawValue": 0
```

/webresources/BLV-api /ingredients

Get all ingredients of particular food

^

Returns a list of ingredients of particular food

**Parameters** 

Try it out

Name Description

DBID \* required

integer(\$int64) DBID of the food for which ingredients should be retrieved

(query)

DBID

lang string

Language in which ingredient should be returned

(query)

Available values: de, en, fr, it

Default value: en

en

# Responses

Code Description Links

200 List of ingredients

No links

Media type

## application/json

Controls Accept header.

Example Value Schema

/webresources/BLV-api/source
/{DBID}

Get source value of particular food component

^

Returns source value of particular food component

**Parameters** 

Try it out

Name

**Description** 

**DBID** \* required

integer(\$int64) DBID of the food component which values should be returned

(path)

DBID

# Responses

Code Description

Links

No links

200

Source value

Media type

### application/json

Controls Accept header.

Example Value Schema

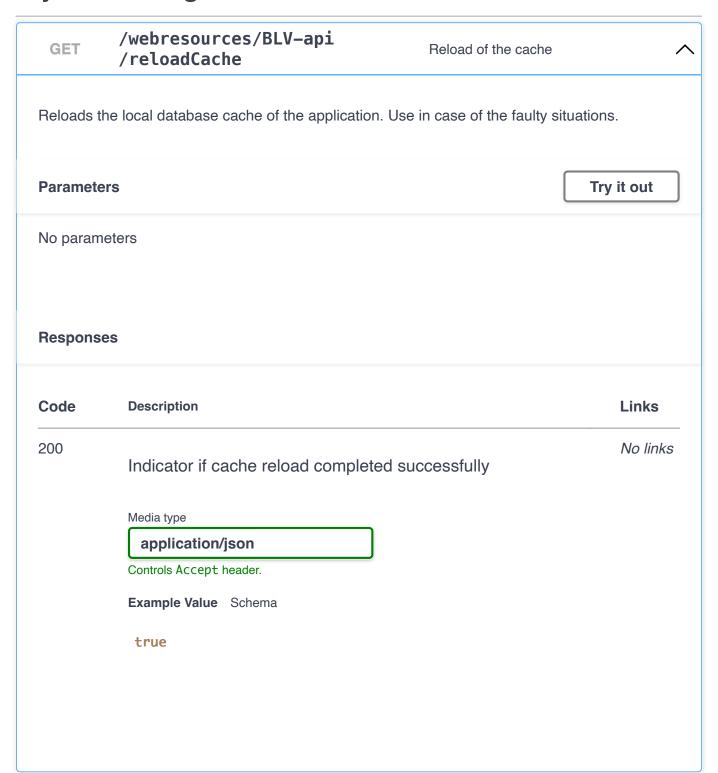
```
"acquistionTypeDescriptor": "string",
"methodIndicatorDescriptor": "string",
"references": [
    "id": 0,
    "citation": "string",
    "title": "string",
    "authors": "string",
    "typeDescriptor": "string"
],
"updated": "2025-03-30T15:26:37.366Z",
"minimum": ∅,
"maximum": 0,
"n": 0,
"methodindicatorcode": "string",
"valuetypecode": "string",
"contributingvalues": "string",
"contributingvaluetypes": "string",
```

```
"methodtypecode": "string",
"containformula": true,
"isborrowed": true,
"isrescaled": true,
"isfixed": true
```

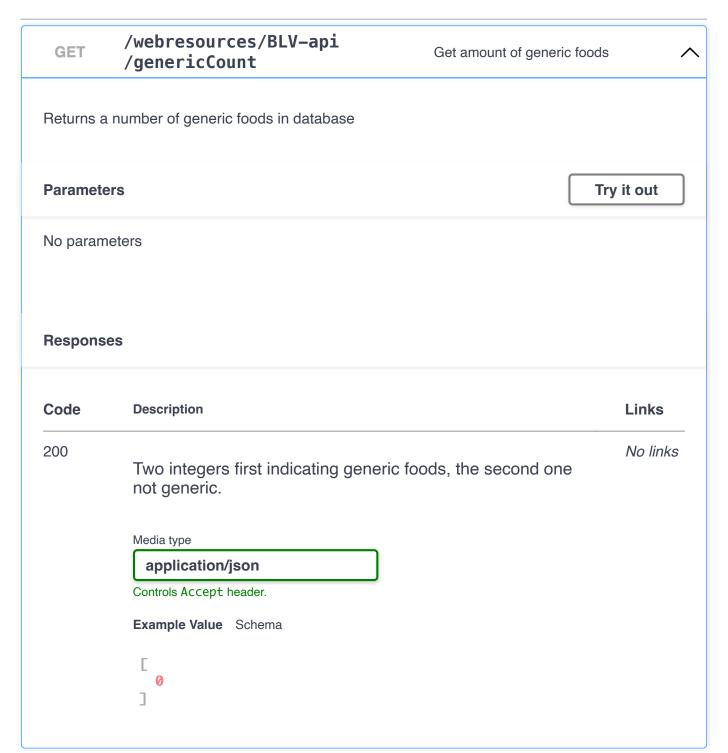
# /webresources/BLV-api/value Get particular value indicated by DBID $\wedge$ **GET** /{DBID} Returns a value **Parameters** Try it out Name **Description** lang Language in which value should be returned string (query) Available values: de, en, fr, it Default value: en **DBID** \* required integer(\$int64) DBID of the requested value (path) Responses Code **Description** Links 200 No links Value Media type application/json Controls Accept header. Example Value Schema

```
"id": 0,
"value": "string",
"references": [
   "id": 0,
    "citation": "string",
    "title": "string",
   "authors": "string",
   "typeDescriptor": "string"
 }
],
"component": {
  "name": "string",
  "id": 0,
"code": "string",
  "group": 0,
 "unit": 0,
  "sortorder": 0,
  "componentsets": [
 ]
"unit": "string",
"minimum": "string"
```

# system configuration



stats



```
ComponentWithSets
                         {
                        string
   id
                        integer($int32)
   code
                        string
                        integer($int32)
   group
   unit
                        integer($int32)
   sets
                            [...]
}
Component
                {
   name
                        string
   id
                        integer($int32)
   code
                        string
   group
                        integer($int32)
   unit
                        integer($int32)
   sortorder
                        integer($int32)
   componentsets
                            [...]
}
Reference
   id
                        integer($int32)
   citation*
                        string
                        maxLength: 2147483647
                        minLength: 1
   title
                        string
                        maxLength: 2147483647
                        minLength: 0
   authors
                        string
                        maxLength: 2147483647
                        minLength: 0
   typeDescriptor
                        string
                        maxLength: 2147483647
                        minLength: 0
}
ValueFormatted
                    {
                        integer($int32)
   id
   value
                        string
   references
                            [...]
   component
                        Component {...}
                        string
   unit
   minimum
                        string
   maximum
                        string
                        number
   derivationOfValue
                        string
   sourceInfoLevel
                        integer($int32)
}
```

```
Unit
       {
   name
                        string
   id
                        integer($int32)
   code*
                        string
                        maxLength: 2147483647
                        minLength: 1
}
FoodWithNamesSynonymesCategories
                                             {
                        integer($int32)
                        boolean
   generic*
   names
                            [...]
   synonyms
                            [...]
   categories
                            [...]
}
Name
   id
                        integer($int32)
   term
                        string
}
Synonym
             {
   id
                        integer($int32)
   term
                        string
                        string
   type
}
Category
             {
   name
                        string
   id
                        integer($int32)
}
ComponentGroup
                            string
                            integer($int32)
   parentComponentGroup
                            integer($int32)
   componentgroupidcomponentinteger($int32)
                            integer($int32)
   getChildComponentGroup
                                [...]
}
```

```
LangualDTO
   letter
                       string
   description
                       string
   classification
                       string
}
Versiondb
   idversion*
                       integer($int32)
   versiontext*
                       string
                       maxLength: 10
                       minLength: 1
}
CategoryWithNumberOfFoodDTO
   categoryId
                       integer($int32)
   categoryName
                       string
   numberOfFoods
                       integer
}
Food
                       string
   name
                       integer($int32)
   id
   ncf
                       number
   facf
                       number
   isgeneric*
                       boolean
   isrecipe*
                       boolean
   synonyms
                           [...]
   categories
                           [...]
   values
                           [...]
   matrixunitcode
                       string
   specificgravity
                       number
   yieldfactor
                       number
   foodid
                       integer($int32)
```

}

```
Value
         {
   id
                          integer($int32)
   value
                          number
   rawValue
                          number
   references
                             [...]
   component
                          Component
                                        {...}
   unit
                          Unit
                                  {...}
   minimum
                          number
   maximum
                          number
                          number
   contrMethodTypes
                          string
   valueTypeCode
                          string
   contributingvalues
                          string
   contributing value types string
   methodIndicatorCode
                          string
   containformula
                          boolean
   isborrowed
                          boolean
   isrescaled
                          boolean
   isfixed
                          boolean
   methodtypecode
                          string
}
FoodName
               {
   name
                        string
                        integer($int32)
   id
   issearchable
                        boolean
}
Ingredient
              {
   foodid
                        FoodName {...}
   amount
                        number
                        number
   percent
                        string
   unit
   isrecipe*
                        boolean
   dummyprepmethods
                        string
}
```

```
SourceValueDTO
   acquistionTypeDescriptor string
   methodIndicatorDescriptor string
   references
                            string($date-time)
   updated
   minimum
                            number
   maximum
                            number
                            number
   methodindicatorcode
                            string
   valuetypecode
                            string
   contributingvalues
                            string
   contributingvaluetypes
                            string
   methodtypecode
                            string
   containformula
                            boolean
   isborrowed
                            boolean
                            boolean
   isrescaled
   isfixed
                            boolean
   contrMethodTypes
                            string
}
```