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Specifications subject to change.

# Menu Export API v1

FoodTec Solutions Inc. – Version 1.0, Tue Oct 08 11:19:02 EDT 2024

The FoodTec POS supports a RESTful API that exports the menu items.

## 1. Overview

The Menu Export API is designed to have resource-oriented URLs (/categories, /items, ...) and to use HTTP error codes to indicate various error types. All the messages including errors, are formatted in JSON.

### 1.1. Authentication

The Menu Export API v1 uses the Basic HTTP Auth protocol to authorize calls.

### 1.2. Registering API client

In order for a third-party application to be able to use the Menu Export API v1, it should first get registered with FoodTec POS. Upon registration a client identifier (username) and client password will be issued to the third-party API client.

### 1.3. Error Handling

Invalid provided data can result into an error similar to the following:

```
HTTP/1.1 400 Bad Request
Content-Type: application/json; charset=UTF-8
{
  "meta": {
    "code": 1600,
    "error": "No coupon matching the 3dolloff",
    "info": "No coupon matching the 3dolloff"
  },
  "response": ""
}
```

Note that all these responses will have an HTTP 400 code with a customer error code in the *meta* object. The *error* and *info* fields will always have the same value and the response object is going to be empty.

#### 1.3.1. Authentication Failure Request Example

```
curl https://localhost/ws/store/v1/menu/ordertypes -i -H "Accept: application/json" -H "Content-Type: application/json"
```

#### 1.3.2. Authentication Failure Response Example

```
HTTP/1.1 401 Unauthorized
Server: Apache-Coyote/1.1
WWW-Authenticate: Basic realm="store services"
Content-Length: 0
Date: Mon, 16 Mar 2015 13:20:28 GMT
```

## 1.4. Error Codes

The values of words prefixed with a dollar sign (\$) depend on the context of the error.

### 1.4.1. General Errors

Code	Error/Info
1000	Unsupported order type. \$message
1001	Not licensed for web
1002	ExternalRef cannot be empty or null
1003	Open order for externalRef \$externalRef already exists
1004	Unsupported order source: \$orderSource. \$message
1005	Cannot find order with externalRef: \$externalRef
1007	\$field1 is required when \$field2 is present
1010	Order could not be placed
1011	Internal address error
1012	Order price cannot be calculated
1020	Cannot calculate price for item \$item (\$category)
1021	Cannot calculate price for special \$special
1022	Cannot calculate discount for special \$special
1050	\$order_could_not_be_voided_reason

#### 1.4.2. Menu Errors

Code	Error/Info
1100	At least one item or special must be specified
1101	Category cannot be empty
1102	No such category \$category
1110	Item cannot be empty
1111	No such item \$item for category \$category
1120	Item size cannot be empty for item \$item (\$category)
1121	No such size \$size for item \$item (\$category)
1122	The size \$size is not available for item \$item (\$category)
1123	The item \$item (\$category) is out of stock
1124	Item \$item contains an ingredient with empty name
1125	\$invalid_ingredient_name_reason
1130	No such ingredient \$ingredient for item \$item (\$category)
1131	No such qualifier \$qualifier for item \$item (\$category)
1140	Quantity must be positive for item \$item (\$category)
1141	At least \$cnt enforced ingredients is required for \$category \$item choice choice.
1150	Special name cannot be empty
1151	No such special \$special
1152	Special \$special must contain items
1153	The selling price for the special \$special cannot be empty for the special \$special
1154	The selling price \$price for the special \$special is invalid
1155	The discount for the special \$special cannot be empty
1156	The discount \$discount for the special \$special is invalid
1157	Unsupported special type. \$message
1158	Unsatisfied special \$message
1159	The \$special is limited to \$max per order.

#### 1.4.3. Customer Errors

Code	Error/Info
1200	Customer cannot be null
1210	The name of the customer must be specified
1220	The phone of the customer must be specified
1221	Invalid customer phone \$phone. \$message

#### 1.4.4. Delivery address Errors

Code	Error/Info
1300	Address and zip fields must be specified for delivery orders
1301	Address or zip is missing
1303	Location not found
1304	Coordinates not found
1305	Did not find \$field1 field corresponding to \$field2

#### 1.4.5. Deferring & Date Errors

Code	Error/Info
1400	\$message
1401	Cannot set defer time for a past date: \$deferDate
1402	Store is closed
1410	Cannot set defer time. Store will be closed on : \$deferDate
1411	Cannot set defer time. Timeslot is full for the date: \$deferDate
1420	\$message

#### 1.4.6. Pricing Errors

Code	Error/Info
1506	Invalid order price \$price
1507	Invalid order tax \$tax
1508	Invalid order tip \$tip
1509	Invalid order discount \$discount
1510	Invalid order delivery charge \$charge
1511	Invalid price \$price for item \$item
1512	Order Price cannot be empty
1513	The selling price for item \$item cannot be empty
1514	The price for ad-hoc \$ingredient cannot be empty
1515	Invalid Service Charge price \$price

#### 1.4.7. Pricing Mismatches

Code	Error/Info
1560	Provided order price \$provided does not match calculated price \$calculated
1561	Provided order tax \$provided does not match calculated tax \$calculated
1562	Provided order discount \$provided does not match calculated discount \$calculated
1563	Provided order delivery charge \$provided does not match calculated delivery charge \$calculated

#### 1.4.8. Coupon Application Errors

Code	Error/Info
1600	No coupon matching the \$code
1601	The coupon does not qualify for the order \$terms
1602	The coupon \$code has been expired.
1603	The coupon \$code has been already used.
1604	The coupon \$code cannot be applied.
1605	The coupon \$code cannot be matched with this special.
1606	\$coupon_redemption_failed_reason.
1607	Cannot apply \$code, one adjustment per order allowed.

#### 1.4.9. Adjustment Application Errors

Code	Error/Info
1190	Adjustment name cannot be empty
1191	Adjustment discount cannot be empty
1192	Invalid adjustment discount \$discount

## 2. Resources

### 2.1. Order Types

Returns the list of available order types.

URL	/ws/store/v1/menu/ordertypes
HTTP Method	GET
Available Since	9.1

#### 2.1.1. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/ordertypes' -i -H 'Accept: application/json' -H 'Content-Type: application/json'
```

#### 2.1.2. Example response

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json; charset=UTF-8

[ {
    "orderType" : "delivery",
    "requiresAddress" : true
}, {
    "orderType" : "pickup",
    "requiresAddress" : false
} ]
```

## 2.2. Menu Categories

### 2.2.1. Get all menu categories

Returns a list of all menu categories available. Each category will also include all the items belonging to it.

URL	/ws/store/v1/menu/categories?orderType={orderType}
HTTP Method	GET
Available Since	9.1

### 2.2.2. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/categories?orderType=delivery' -i -H 'Accept: application/json' -H 'Content-Type: application/json'
```

### 2.2.3. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8
```

```
[ {
    "category" : "Pizza",
    "items" : [ {
        "item" : "BBQ Chicken",
        "code": "15963285741",
        "sizePrices" : [ {
            "size" : "10",
            "price" : 11.95
        }, {
            "size" : "12",
            "price" : 15.95
        }, {
            "size" : "14",
            "price" : 19.95
        }, {
            "size" : "16",
            "price" : 22.95
        }, {
            "size" : "18",
            "price" : 25.95
        } ],
        "choices" : [ {
            "choice" : "Toppings",
            "enforcedIngredients" : 0,
            "ingredients" : [ {
                "ingredient" : "Cheese",
                "sizePrices" : [ {
                    "size" : "12",
                    "price" : 1.5
                }, {
                    "size" : "14",
                    "price" : 2.0
                }, {
                    "size" : "16",
                    "price" : 2.2
                } ],
                "allowHalfs" : false,
                "isDefault" : true,
                "qualifiers" : [ {
                    "name" : "Light",
                    "priceFactor" : 0.0,
                    "recipeFactor" : 0.0,
                    "isDefault" : true
                }, {
                    "name" : "Extra",
                    "priceFactor" : 1.0,
                    "recipeFactor" : 1.0,
                    "isDefault" : false
                }, {
                    "name" : "XXtra",
                    "priceFactor" : 2.0,
                    "recipeFactor" : 2.0,
                    "isDefault" : false
                } ],
                "code": null
            }, {
                "ingredient" : "Cheddar Cheese",
                "sizePrices" : [ {
                    "size" : "12",
                    "price" : 1.5
                }, {
                    "size" : "14",
                    "price" : 2.0
                } ]
            } ]
        } ]
```

```
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    }],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
}, {
    "ingredient" : "Chicken",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    }],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
}, {
    "dependsOn":null
}, {
    "choice" : "Crusts",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
        "ingredient" : "Regular Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        }],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra",
            "priceFactor" : 2.0,
            "recipeFactor" : 2.0,
            "isDefault" : false
        }],
        "code": null
    }, {
        "ingredient" : "Thin Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        }],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra",
            "priceFactor" : 2.0,
            "recipeFactor" : 2.0,
            "isDefault" : false
        }],
        "code": null
    }
]
```

```
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    }],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "ingredient" : "Thick Crust",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    }],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "dependsOn":null
} ]
} ]
```

#### 2.2.4. Get a specific menu category

Returns the menu category requested. Category will also include all the items belonging to that category.

URL	/ws/store/v1/menu/categories/{categoryName}?orderType={orderType}
HTTP Method	GET
Available Since	9.1

## 2.2.5. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/categories/Pizza?orderType=delivery' -i -H 'Accept: application/json' -H 'Content-Type: application/json'
```

## 2.2.6. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8
```

```
{  
  "category" : "Pizza",  
  "items" : [ {  
    "item" : "BBQ Chick",  
    "code": "1596328574",  
    "sizePrices" : [ {  
      "size" : "10",  
      "price" : 11.95  
    }, {  
      "size" : "12",  
      "price" : 15.95  
    } ]  
  } ]
```

```
    "size" : "12",
    "price" : 19.95
}, {
    "size" : "16",
    "price" : 22.95
}, {
    "size" : "18",
    "price" : 25.95
} ],
"choices" : [ {
    "choice" : "Toppings",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
        "ingredient" : "Cheese",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        } ],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra",
            "priceFactor" : 2.0,
            "recipeFactor" : 2.0,
            "isDefault" : false
        } ],
        "code": null
    }, {
        "ingredient" : "Cheddar Cheese",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        } ],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra",
            "priceFactor" : 2.0,
            "recipeFactor" : 2.0,
            "isDefault" : false
        } ],
        "code": null
    }, {
        "ingredient" : "Chicken",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        } ],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        } ],
        "code": null
    }
]
```

```
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
},
"dependsOn": "Side House Salad"
}, {
    "choice" : "Crusts",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
        "ingredient" : "Regular Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        },
        {
            "size" : "14",
            "price" : 2.0
        },
        {
            "size" : "16",
            "price" : 2.2
        }
    ],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    },
    {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    },
    {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
},
{
    "ingredient" : "Thin Crust",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    },
    {
        "size" : "14",
        "price" : 2.0
    },
    {
        "size" : "16",
        "price" : 2.2
    }
],
"allowHalfs" : false,
"isDefault" : true,
"qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    },
    {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    },
    {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
},
{
    "ingredient" : "Thick Crust",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    },
    {
        "size" : "14",
        "price" : 2.0
    },
    {
        "size" : "16",
        "price" : 2.2
    }
],
"allowHalfs" : false,
"isDefault" : true,
"qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    },
    {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    },
    {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
}
],
```

```

        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
} ],
"dependsOn": "Side House Salad"
} ]
}
}

```

### 2.2.7. Invalid request Example

```
$ curl 'https://localhost/ws/store/v1/menu/categories/unknown%20category?orderType=delivery' -i -
H "Accept: application/json" -H "Content-Type: application/json"
```

### 2.2.8. Invalid Response Example

```

HTTP/1.1 400 Bad Request
Content-Type: application/json; charset=UTF-8

{
    "meta": {
        "code": 1102,
        "error": "No such category unknown category",
        "info": "No such category unknown category"
    },
    "response": ""
}
```

## 2.3. Menu Items

### 2.3.1. Get non available items

Return the items for the requested category and order type, that are not currently available on the menu.

URL	/ws/store/v1/menu/categories/{categoryName}/items? orderType={orderType}&available=false
HTTP Method	GET
Available Since	9.2

### 2.3.2. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/categories/Pizza/items?
orderType=delivery&available=false' -i -H 'Accept: application/json' -H 'Content-Type:
application/json'
```

### 2.3.3. Example response

```

HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8
```

```

[ {
    "item" : "Hawaiian",
    "code": "15963285741",
    "sizePrices" : [ {
        "size" : "10",
        "price" : 11.95
    }, {
        "size" : "12",
        "price" : 15.95
    }, {
        "size" : "14",
        "price" : 19.95
    }, {
        "size" : "16",
        "price" : 22.95
    }, {
        "size" : "18",
        "price" : 25.95
    } ],
    "choices" : [ {
        "choice" : "Toppings",
        "enforcedIngredients" : 0,
        "ingredients" : [ {
            "ingredient" : "Cheese",
            "sizePrices" : [ {
                "size" : "12",
                "price" : 1.5
            }, {
                "size" : "14",
                "price" : 2.0
            }, {
                "size" : "16",
                "price" : 2.5
            }, {
                "size" : "18",
                "price" : 3.0
            } ]
        } ]
    } ]
}
```

```

        "size" : 10 ,
        "price" : 2.2
    } ],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "ingredient" : "Cheddar Cheese",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    } ],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "ingredient" : "Chicken",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    } ],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "dependsOn":null
}, {
    "choice" : "Crusts",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
        "ingredient" : "Regular Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        } ],
        "code": null
    } ]
}

```

```

}, {
  "size" : "16",
  "price" : 2.2
},
"allowHalfs" : false,
"isDefault" : true,
"qualifiers" : [ {
  "name" : "Light",
  "priceFactor" : 0.0,
  "recipeFactor" : 0.0,
  "isDefault" : true
}, {
  "name" : "Extra",
  "priceFactor" : 1.0,
  "recipeFactor" : 1.0,
  "isDefault" : false
}, {
  "name" : "XXtra",
  "priceFactor" : 2.0,
  "recipeFactor" : 2.0,
  "isDefault" : false
} ],
"code": null
}, {
  "ingredient" : "Thin Crust",
  "sizePrices" : [ {
    "size" : "12",
    "price" : 1.5
  }, {
    "size" : "14",
    "price" : 2.0
  }, {
    "size" : "16",
    "price" : 2.2
  } ],
"allowHalfs" : false,
"isDefault" : true,
"qualifiers" : [ {
  "name" : "Light",
  "priceFactor" : 0.0,
  "recipeFactor" : 0.0,
  "isDefault" : true
}, {
  "name" : "Extra",
  "priceFactor" : 1.0,
  "recipeFactor" : 1.0,
  "isDefault" : false
}, {
  "name" : "XXtra",
  "priceFactor" : 2.0,
  "recipeFactor" : 2.0,
  "isDefault" : false
} ],
"code": null
}, {
  "ingredient" : "Thick Crust",
  "sizePrices" : [ {
    "size" : "12",
    "price" : 1.5
  }, {
    "size" : "14",
    "price" : 2.0
  }, {
    "size" : "16",
    "price" : 2.2
  } ],
"allowHalfs" : false,
"isDefault" : true,
"qualifiers" : [ {
  "name" : "Light",
  "priceFactor" : 0.0,
  "recipeFactor" : 0.0,
  "isDefault" : true
}, {
  "name" : "Extra",
  "priceFactor" : 1.0,
  "recipeFactor" : 1.0,
  "isDefault" : false
}, {
  "name" : "XXtra",
  "priceFactor" : 2.0,
  "recipeFactor" : 2.0,
  "isDefault" : false
} ],
"code": null
}, {
  "dependsOn": "Mushrooms"
} ]
}

```

#### 2.3.4. Get a specific menu item

Return the item for the requested category, item and order type.

URL	/ws/store/v1/menu/categories/{categoryName}/items/{itemName}?orderType={orderType}
-----	--

HTTP Method	GET
Available Since	9.1

### 2.3.5. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/categories/Pizza/items/BBQ%20Chicken?orderType=delivery' -i -H 'Accept: application/json' -H 'Content-Type: application/json'
```

### 2.3.6. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8

{
  "item" : "BBQ Chicken",
  "code": "15963285741",
  "sizePrices" : [ {
    "size" : "10",
    "price" : 11.95
  }, {
    "size" : "12",
    "price" : 15.95
  }, {
    "size" : "14",
    "price" : 19.95
  }, {
    "size" : "16",
    "price" : 22.95
  }, {
    "size" : "18",
    "price" : 25.95
  } ],
  "choices" : [ {
    "choice" : "Toppings",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
      "ingredient" : "Cheese",
      "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
      }, {
        "size" : "14",
        "price" : 2.0
      }, {
        "size" : "16",
        "price" : 2.2
      } ],
      "allowHalfs" : false,
      "isDefault" : true,
      "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
      }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
      }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
      } ],
      "code": null
    }, {
      "ingredient" : "Cheddar Cheese",
      "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
      }, {
        "size" : "14",
        "price" : 2.0
      }, {
        "size" : "16",
        "price" : 2.2
      } ],
      "allowHalfs" : false,
      "isDefault" : true,
      "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
      }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
      }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
      } ]
    }
  }
}
```

```
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
}, {
    "ingredient" : "Chicken",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    } ],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    } ],
    "code": null
} ],
"dependsOn":null
}, {
    "choice" : "Crusts",
    "enforcedIngredients" : 0,
    "ingredients" : [ {
        "ingredient" : "Regular Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        } ],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra",
            "priceFactor" : 2.0,
            "recipeFactor" : 2.0,
            "isDefault" : false
        } ],
        "code": null
    }, {
        "ingredient" : "Thin Crust",
        "sizePrices" : [ {
            "size" : "12",
            "price" : 1.5
        }, {
            "size" : "14",
            "price" : 2.0
        }, {
            "size" : "16",
            "price" : 2.2
        } ],
        "allowHalfs" : false,
        "isDefault" : true,
        "qualifiers" : [ {
            "name" : "Light",
            "priceFactor" : 0.0,
            "recipeFactor" : 0.0,
            "isDefault" : true
        }, {
            "name" : "Extra",
            "priceFactor" : 1.0,
            "recipeFactor" : 1.0,
            "isDefault" : false
        }, {
            "name" : "XXtra"
        } ]
    }
]
```

```

        "name" : "XXXX",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    },
    "code": null
},
{
    "ingredient" : "Thick Crust",
    "sizePrices" : [ {
        "size" : "12",
        "price" : 1.5
    }, {
        "size" : "14",
        "price" : 2.0
    }, {
        "size" : "16",
        "price" : 2.2
    }],
    "allowHalfs" : false,
    "isDefault" : true,
    "qualifiers" : [ {
        "name" : "Light",
        "priceFactor" : 0.0,
        "recipeFactor" : 0.0,
        "isDefault" : true
    }, {
        "name" : "Extra",
        "priceFactor" : 1.0,
        "recipeFactor" : 1.0,
        "isDefault" : false
    }, {
        "name" : "XXtra",
        "priceFactor" : 2.0,
        "recipeFactor" : 2.0,
        "isDefault" : false
    }],
    "code": null
},
"dependsOn":null
]
}

```

## 2.4. Menu Specials

### 2.4.1. Get all menu specials

Returns a list of all menu specials available for the requested orderType.

URL	/ws/store/v1/menu/specials?orderType={orderType}
HTTP Method	GET
Available Since	9.1

### 2.4.2. Example request

```
$ curl 'https://localhost/ws/store/v1/menu/specials?orderType=delivery' -i -H 'Accept: application/json' -H 'Content-Type: application/json'
```

### 2.4.3. Example response

```

HTTP/1.1 200 OK
Content-Type: application/json; charset=UTF-8

[ {
    "special" : "$5.00 Off Any Order $25.00",
    "label" : null,
    "description" : null,
    "type" : "Special",
    "disclaimer" : null,
    "start" : null,
    "end" : null,
    "orderTypes" : [ "Delivery", "Pickup" ],
    "code": "5OFFANY25",
    "isCombo": false
}]

```