



## RESTWebAPI Overview

Version 1.4

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Version	Date	Prepared By	Update Description
1....	10-2017	Christian Dumas	Prior to this version (1.3), no details are available.
1.3	06-02-2018	Christian Dumas	<p>Changes in object description:</p> <ul style="list-style-type: none"> <li>- OrderHeaderDTO: annotation * and ** changed (see “Using caller’s keys instead of our IDs” in the note section) and **** has been added.</li> <li>- OrderHeaderDTO: BillTo filed has been added.</li> <li>- OrderDetailDTO: annotation * changed (see “Using caller’s keys instead of our IDs” in the note section).</li> <li>- BillToDTO: New object description</li> <li>- OrderDetailsDTO: new field OrderNumber added. Annotation * added (see “Using caller’s keys instead of our IDs” in the note section)</li> <li>- AttachmentDTO: annotation * added (see “Using caller’s keys instead of our IDs” in the note section)</li> </ul> <p>Changes in possible actions:</p> <ul style="list-style-type: none"> <li>- Service ModifyOrder: added error 458</li> <li>- New service CancelOrderByOrderNumber</li> <li>- New service SuspendOrderByOrderNumber</li> <li>- New service ReleaseOrderByOrderNumber</li> <li>- New service ReactivateOrderByOrderNumber</li> <li>- New service GetOrderInfoByOrderNumber</li> <li>- Service ModifyDetails: added error 459</li> <li>- Service DeleteDetails: added error 459</li> <li>- Service CreateAttachment: added error 458</li> </ul> <p>Added “Using caller’s keys instead of our IDs” in note section</p>
1.4	03-07-2018	Christian Dumas	<ul style="list-style-type: none"> <li>- Added new fields in OrderHeaderShipDTO object</li> <li>- Added new fields in OrderDetailShipDTO object</li> <li>- Added new DTO object: OrderShipmentsDTO</li> </ul>



## Brief description

RESTWebAPI is a web API created with the architectural pattern “REST”

REST stands for “Representational State Transfer” and it is an architectural pattern for creating an API that uses HTTP as its underlying communication method.

The API requires JSON format to serialize data passed by DTO objects i.e.: OrderHeaderDTO. The suffix DTO stands for “Data Transfer Object”.

- Example of the JSON representation of the OrderHeaderDTO object:

```
{
  "OrderHeaderID": 0,
  "OrderNumber": "po0000001",
  "IsReserved": false,
  "DaysReserved": 8,
  "IsCFA": false,
  "RequestBy": "John Doe",
  "SoldTo": null,
  "Company": "A huge Company",
  "AttName": "To someone",
  "IsHomeAddress": false,
  "Line1": "555 a street name",
  "Line2": null,
  "City": "Montréal",
  "StateCode": "QC",
  "CountryCode": "CA",
  "ZipCode": "H1H 1H1",
  "Phone": null,
  "Email": null,
  "DateToBeReceived": null,
  "IsNoSignatureRequired": false,
  "IsMeter": false,
  "IsInsured": false,
  "ShippingMethod": "GND",
  "CarrierCode": "UPS",
  "IsSpecificAccount": false,
  "AccountNumber": null,
  "Note": null,
  "ErrNo": 0,
  "ErrorMessage": null,
  "OrderDetails": [
    {
      "OrderDetailID": 0,
      "ItemCode": "0001/123",
      "LotNbr": null,
      "RollNbr": null,
      "Qty": 100,
    }
  ]
}
```



```
"CFASize": null,  
"ErroNo": 0,  
"ErrorMessage": null  
},  
{  
  "OrderDetailID": 0,  
  "ItemCode": "0001/456",  
  "LotNbr": null,  
  "RollNbr": null,  
  "Qty": 50,  
  "CFASize": null,  
  "ErroNo": 0,  
  "ErrorMessage": null  
}  
]  
}
```



## Objects description:

### ### OrderHeaderDTO

#### **| Field Name | Description | Schema | Required | Default**

|OrderHeaderID| New ID generated returned by the system | int | TRUE-FALSE| \*

|OrderNumber | Customer Order number| string (300) | TRUE-FALSE | \*\*

|IsReserved |indicate if this is a reserve, this is mandatory when using the field isCFA | boolean | TRUE-FALSE |\*\*\*

|DaysReserved |Indicate the number of days for the reserve | int | TRUE-FALSE |\*\*\*

**|IsCFA | indicate if the order is a CFA| boolean | FALSE | *always false***

|RequestBy | Name of User| string (100) | TRUE-FALSE |\*\*

|SoldTo | indicate the sold to name| string (1000) | FALSE |

|Company | Ship to Business Name| string (500) | FALSE |

|AttName | Ship to Contact Name| string (500) | TRUE |

|IsHomeAddress | Indicate if the address is a home address| boolean | FALSE |

|Line1 | Address 1 of shipping address| string (500) | TRUE |

|Line2 |Address 2 of shipping address | string (500) | FALSE |

|City | City for shipping address| string (500) | TRUE |

|StateCode|ISO state code of shipping address| string| TRUE |

|CountryCode |ISO Country Code of shipping address| string | TRUE |

|ZipCode |Zip/Postal Code od shipping address | string (50) | TRUE |

|Phone | Phone of the shipping address| string (50) | TRUE |

|Email | Email of the recipient| string (500) | TRUE |

|DateToBeReceived |Indicate a date when the order needs to be delivered | datetime | FALSE |

|IsNoSignatureRequired |indicate if no signature is required to leave the package | boolean | FALSE |

**|IsMeter | indicate if the UOM is in Meter instead of Yards | boolean | FALSE | *always false***

|IsInsured |indicate to ensure or not shipment | boolean | FALSE |

|ShippingMethod| Indicate the Shipping Method when using Small Parcel carriers| string (8) | FALSE |

|CarrierCode | Code of Carrier to use | string | TRUE-FALSE (*required if shipping method is provided*) |

|IsSpecificAccount | Indicate if we ship the order under a third-party account number| boolean | FALSE |

|AccountNumber | Third party account number| string (150) | FALSE |

|Note |Sidemarks or comments on order | string (4000) | FALSE |

|OrderDetails|Array containing OrderDetailDTO object| list | FALSE |

|BillTo| Object containg BillToDTO | JSON object | FALSE | \*\*\*\*

|ErrorNo | Number of an error if any | int | FALSE |

|ErrorMessage | Description of an error if any | string (MAX) | FALSE |



\* Not required for CreateOrder action, required for the other actions but not mandatory. For other actions than CreateOrder if this field is not provided, OrderNumber become mandatory. This field is returned when the order is created. It is used to identify the order.

\*\* Only required for CreateOrder action. However, if OrderHeaderID is not provided, this field become mandatory

\*\*\* If IsReserved is set to true, DaysReserved must have a value greater than 0

\*\*\*\* You will be advised if field is required

### ### OrderDetailDTO

#### | Field Name | Description | Schema | Required | Default

| OrderDetailID | New ID generated returned by the system | int | TRUE-FALSE | \*

| ItemCode | indicate the sku number | string | TRUE |

| LotNbr | indicate the Dye Lot number | string (50) | FALSE | Leave blank

| RollNbr | indicate the Roll number | string (50) | TRUE-FALSE | Leave blank

| CFASize | Indicate the size for the CFA | string (50) | FALSE | Leave blank

| Qty | indicate the number to ship | decimal | FALSE |

| ErrorNo | Number of an error if any | int | FALSE

| ErrorMessage | Description of an error if any | string (MAX) | FALSE

\* Not required when used in CreateOrder action or for CreateDetails action, required for the other actions. This field is returned when a detail is created. It is required for modification requests of a detail because it will be used to identify the detail. If not provided, ItemCode will be used to try to identify the detail.

You can leave the fields in **red** empty. They are only used for fabric storage order.

### ### BillToDTO

#### | Field Name | Description | Schema | Required | Default

| BillToID | New ID generated returned by the system | int | FALSE |

| Name | Bill to name | string (100) | TRUE |

| Line1 | Address 1 of bill to address | string (100) | FALSE |

| Line2 | Address 2 of bill to address | string (100) | FALSE |

| City | City for bill to address | string (50) | FALSE |

| StateCode | ISO state code of bill to address | string | FALSE |

| CountryCode | ISO Country Code of bill to address | string | FALSE |

| ZipCode | Zip/Postal Code of bill to address | string (50) | FALSE |



### OrderDetailsDTO (note the 's' in Details)

**|Field Name | Description | Schema| Required | Default**

|OrderHeaderID| ID of the order | int | TRUE| \*  
|OrderNumber | Customer Order number| string (300) | TRUE-FALSE | \*  
|OrderDetails|Array containing OrderDetailDTO object| list | TRUE  
|ErrorNo | Number of an error if any | int | FALSE  
|ErrorMessage | Description of an error if any | string (MAX) | FALSE

*\* If OrderHeaderID is not provided, OrderNumber field become mandatory.*

### AttachmentDTO

**|Field Name | Description | Schema| Required | Default**

| OrderHeaderID| ID of the order | int | TRUE-FALSE | \*  
|OrderNumber | Customer Order number| string (300) | TRUE-FALSE | \*  
|RealName | Name of file| string | TRUE |  
|File | A file | file object | TRUE |

*\* If OrderHeaderID is not provided, OrderNumber field become mandatory.*

### ItemDTO

**|Field Name | Description | Schema| Required | Default**

ItemCode	Sku number on customer side	string	TRUE
DescrEnglish	Sku or Color name	string (150)	TRUE
DescrFrench	Sku or Color name	string (150)	TRUE
DescrSpanish	Sku or Color name	string (150)	TRUE
*/Manufacturer | indicate the manufacturer name of that sku| string (50)| FALSE | Leave blank*  
*/HTSNumber | Indicate the HTS number for that sku | string(20)| FALSE | Leave blank*  
*/ManufacturerItemCode | Indicate the manufacturer sku or part number | string (150)| FALSE | Leave blank*  
*/ManufacturerCollection | Indicate the manufacturer collection name| string (150)| FALSE | Leave blank*  
*/ManufacturerColorCode | Indicate the color code of the manufacturer | string (150)| FALSE | Leave blank*  
*/ManufacturerDescr | Indicate the description of the product from the manufacturer| string (300)| FALSE | Leave blank*  
*/SerialNumber | Indicate the serial number if any| string (150)| FALSE | Leave blank*  
*/CountryCode | CodeNameDto.code | Indicate the ISO Country code of Origin for that sku | string | FALSE | Leave blank*  
*/MaterialComposition | Indicate the material composition | string (500)| FALSE | Leave blank*





*/Collection | ProductDto.collection | Indicate the collection code| string (50)| FALSE | Leave blank*

*/PatternCode | indicate the pattern name| string (8)| FALSE | Leave blank*

*/ColorCode | Indicate the Color Code | string (50)| FALSE | Leave blank*

*/UOMCode| | Unit of measurement| string| FALSE | Leave blank*

|Cost | Cost of sku per UOM| decimal | FALSE |

|Format | Indicate the format or dimension in a string format | string (100)| FALSE |

|CustPartNumber | Indicate the Part number if any | string (300)| FALSE |

|MinQty | Minimum reorder quantity flag | decimal | FALSE |

|MaxQty | maximum reorder quantity flag| decimal | FALSE |

|Length | | decimal | FALSE |

|Width | | decimal | FALSE |

|Height | | decimal | FALSE |

|FFMTPrice | Indicate the price of that sku | decimal | FALSE |

|FFMTspec | Specs or technical notes regarding this sku| string (1000)| TRUE |

*/FSSValueInventoryPerYard | | decimal | FALSE | Leave blank*

*/FSSValueInsuredPerYards | indicate the Insured value per yard | decimal | FALSE | Leave blank*

*/FSSCFASize | Indicate the default CFA Size for that sku | string (50)| FALSE | Leave blank*

*/WebLink | indicate the URL link for the specs of that sku| string (500)| FALSE |*

You can leave the fields in **red** empty. They are only used for fabric storage order.

### OrderShipmentsDTO (only use for returning info)

**|Field Name | Description | Schema | Default**

|OrderHeaderID | ID of the order | int |

|OrderNumber | Customer Order number| string (300) |

|OrderHeaderShip | Array containing OrderHeaderShipDTO object | list |



### OrderHeaderShipDTO (only use for returning info)

**| Field Name | Description | Schema | Default**

|Status| Is the status of an order | int | \*  
MasterTrackingNumber	id used to track an order	string
DateSent	Date that the order has been sent	datetime
EstimatedDeliveryDate	Estimated date for delivery	datetime
Cost	Amount charge for a shipment	decimal
CarrierUsed	Carrier used for shipping	string
ShippingMethodUsed	is the method used to ship the order	string
~~	NbOfPackages	\*\*\*\*\*
OrderShipBoxes	Array containing OrderShipBoxDTO object	list
OrderDetailShips	Array containing OrderDetailShipDTO object	list

\* See the annexe for the list of the possible status

### OrderDetailShipDTO (only use for returning info)

**| Field Name | Description | Schema | Default**

ItemCode	Sku number on customer side	string
ItemDescription	Description of the item ordered	string
QtyOrdered	Quantity ordered for an item	decimal
QtyShipped	Quantity shipped	decimal
LineNo	Line number provided by the customer (only some customers are using this field)	string

### OrderShipBoxDTO (only use for returning info)

**| Field Name | Description | Schema | Default**

Weight	weight of a package	decimal
Length	length of a package	decimal
Width	width of a package	decimal
Height	height of a package	decimal
TrackingNumber	id used to track a package	string

### ItemStockLevelDTO (only use for returning info)

**| Field Name | Description | Schema | Default**

ItemCode	Sku number on customer side	string
QtyInStock	total quantity for an item in stock	decimal
QtyAvailable	total quantity available for an item	decimal



Possible Actions:

### Create an order

**POST api/OrderHeaders/CreateOrder**

**|Type | Name | Description | Schema**

|BodyParameter | orderHeader | OrderHeaderDTO object | OrderHeaderDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|450 | Missing required field [*field name*] | No Content |

|451 | Duplicate record | No Content (*note: order is duplicated when fields OrderNumber and IsReserved already exists*) |

|452 | Validation failed [*field name*] | No Content |

|453| No Customer found for RequestBy [*value*] | No Content |

|\*456 | Processed with error(s). Consult each OrderDetailDTO object for more detail | No Content |

|\*457 | No order detail processed. Consult each OrderDetailDTO object for more detail. | No Content |

|4xx | See "Create Order Detail" 4xx code if OrderDetails field is not empty | |

\* *This error could be raised if a list of OrderDetailDTO is provided.*

#####

### Modify an order

**POST /api/OrderHeaders/ModifyOrder**

**|Type | Name | Description | Schema**

|BodyParameter | orderHeader | OrderHeaderDTO object | OrderHeaderDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

|450 | Missing required field [*field name*] | No Content |

|452 | Validation failed [*field name*] | No Content |

|453| No Customer found for RequestBy [*value*] | No Content |



|458| No active order found for OrderNumber [&Value] | No Content |  
/4xx | See "Modify Order Detail" 4xx code if OrderDetails field is not empty | |

- \* The request is considered forbidden for these following reasons:
  - Order already processes

#####

### Cancel an order

**POST /api/OrderHeaders/CancelOrder/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | order header ID | Integer |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

- \* The request is considered forbidden for these following reasons:
  - Order already processes

**POST /api/OrderHeaders/CancelOrderByOrderNumber/{OrderNumber}**

**|Type | Name | Description | Schema**

|PathParameter | OrderNumber | order number | String (300) |

**### Responses**

**|HTTP Code | Description | Schema**

*Same as previous CancelOrder command plus:*

|458| No active order found for OrderNumber [&Value] | No Content |

#####



### Suspend an order

**POST /api/OrderHeaders/SuspendOrder/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | order header ID | Integer |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

\* The request is considered forbidden for these following reasons:

- Order already processes

**POST /api/OrderHeaders/SuspendOrderByOrderNumber/{OrderNumber}**

**|Type | Name | Description | Schema**

| PathParameter | OrderNumber | order number | String(300) |

**### Responses**

**|HTTP Code | Description | Schema**

*Same as previous SuspendOrder command plus:*

|458| No active order found for OrderNumber [&Value] | No Content |

#####

### Release an order

**POST /api/OrderHeaders/ReleaseOrder/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | order header ID | Integer |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

\* The request is considered forbidden for these following reasons:



- Order already processes

**POST /api/OrderHeaders/ReleaseOrderByOrderNumber/{OrderNumber}**

**|Type | Name | Description | Schema**

|PathParameter | OrderNumber | order number | String(300) |

**### Responses**

**|HTTP Code | Description | Schema**

*Same as previous ReleaseOrder command plus:*

|458| No active order found for OrderNumber [&Value] | No Content |

#####

### Reactivate an order (order is inactive)

**POST /api/OrderHeaders/ReactivateOrder/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | order header ID | Integer |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | No Content |

|401 | Unauthorized | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

**POST /api/OrderHeaders/ReactivateOrderByOrderNumber/{OrderNumber}**

**|Type | Name | Description | Schema**

|PathParameter | OrderNumber | order number | String(300) |

**### Responses**

**|HTTP Code | Description | Schema**

*Same as previous ReactivateOrder command plus:*

|458| No active order found for OrderNumber [&Value] | No Content |

#####



### Get order info

**POST /api/OrderHeaders/GetOrderInfo/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | order header ID | Integer |

### Responses

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderShipDTO |

|401 | Unauthorized | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

**POST /api/OrderHeaders/GetOrderInfoByOrderNumber/{OrderNumber}**

**|Type | Name | Description | Schema**

|PathParameter | OrderNumber | order number | String (300) |

### Responses

**|HTTP Code | Description | Schema**

*Same as previous GetOrderInfo command plus:*

|458| No active order found for OrderNumber [&Value] | No Content |

#####

### Create Order Detail

**POST api/OrderDetails/CreateDetails**

**|Type | Name | Description | Schema |**

|BodyParameter | orderDetail | OrderDetailsDTO object | OrderDetailsDTO |

### Responses

**|HTTP Code | Description | Schema**

|200 | OK | OrderDetailDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header or item not found*) |

|450 | Missing required field [*field name*] | No Content |

|452 | Validation failed [*field name*] | No Content |

|453| No Customer found for RequestBy [*value*] | No Content |

|454 | Quantity not available for item [*Item code*] | No Content |

|456 | Processed with error(s). Consult each OrderDetailDTO object for more detail | No Content |



|457 | No order detail processed. Consult each OrderDetailDTO object for more detail. | No Content |

- \* The request is considered forbidden for these following reasons:
  - the status of the order is either shipped, closed or returned
  - The item is not available

#####

### ### Modify Order Detail

#### POST /api/OrderDetails/ModifyDetails

|Type | Name | Description | Schema |

|BodyParameter | orderDetail | OrderDetailsDTO object | OrderDetailsDTO |

#### ### Responses

|HTTP Code | Description | Schema

|200 | OK | OrderDetailDTO |

|401 | Unauthorized | No Content |

|404 | Not Found | No Content (*note: corresponding order header or corresponding temCode not found*) |

|\* 403 | Forbidden | No Content |

|450 | Missing required field [*field name*] | No Content |

|452 | Validation failed [*field name*] | No Content |

|453 | No Customer found for RequestBy [*value*] | No Content |

|454 | Quantity not available | No Content |

|459 | This request cannot be done because more then one order detail has been found causing ambiguity | No Content |

- \* The request is considered forbidden for these following reasons:

- Order already processes
- The item is not available
- Work has already been started on the item

#####





### Delete Order Detail

**POST /api/OrderDetails/DeleteDetails**

**|Type | Name | Description | Schema |**

|BodyParameter | orderDetail | OrderDetailsDTO object | OrderDetailsDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderDetailDTO |

|401 | Unauthorized | No Content |

|404 | Not Found | No Content (*note: corresponding order header*) |

|\* 403 | Forbidden | No Content |

|450 | Missing required field [*field name*] | No Content |

|452 | Validation failed [*field name*] | No Content |

|459| This request cannot be done because more then one order detail has been found causing ambiguity | No Content |

\* The request is considered forbidden for these following reasons:

- Order already processes
- Work has already been started on the item

#####

### Create an Attachment

**POST /api/Attachments/CreateAttachment**

**|Type | Name | Description | Schema**

|Multipart| attachment, file | AttachmentDTO object and a file object | AttachmentDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | AttachmentDTO |

|401 | Unauthorized | No Content |

|450 | Missing required field [*field name*] | No Content |

|451 | Duplicate record | No Content |

|452 | Validation failed [*field name*] | No Content |

|458| No active order found for OrderNumber [&Value] | No Content |

#####



### Create an Item

**POST /api/Items/CreateItem**

**|Type | Name | Description | Schema**

|BodyParameter | item | ItemDTO object | ItemDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | ItemDTO |

|401 | Unauthorized | No Content |

|450 | Missing required field [*field name*] | No Content |

|451 | Duplicate record | No Content (*note: item is duplicated if field ItemCode already exists*) |

|452 | Validation failed [field name] | No Content |

#####

### Modify an Item

**POST /api/Items/ModifyItem**

**|Type | Name | Description | Schema**

|BodyParameter | item | ItemDTO object | ItemDTO |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | ItemDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content |

|450 | Missing required field [*field name*] | No Content |

|452 | Validation failed [field name] | No Content |

\* *Item is not active.*

#####



### Delete an item

**POST /api/Items/DeleteItem/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | Item Code | string |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | OrderHeaderDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

|450 | Missing required field [*field name*] | No Content |

\* The request is considered forbidden for these following reasons:

- The item is already inactive

#####

### Get Item stock level

**POST /api/Items/GetItemStockLevel/{id}**

**|Type | Name | Description | Schema**

| PathParameter | id | Item Code | string |

**### Responses**

**|HTTP Code | Description | Schema**

|200 | OK | ItemStockLevelDTO |

|401 | Unauthorized | No Content |

|\* 403 | Forbidden | No Content |

|404 | Not Found | No Content (*note: corresponding order header not found*) |

|450 | Missing required field [*field name*] | No Content |

\* The request is considered forbidden for these following reasons:

- The item is inactive

#####



## Notes:

### Modify Order action scenario:

When you will send an action that will modify the field "IsReserved" from true to false, you will also have to include a list of OrderDetailDTO objects in the field OrderDetails in the OrderHeaderDTO object. What will happen for this scenario? The original order will be set as inactive and a new one will be created as well as a new list of order details. So, a new "OrderHeaderID" and new "OrderDetailID"(s) will be returned in the "OrderHeaderDTO" object.

If the list of OrderDetailsDTO is not included in the OrderHeaderDTO, you will be able to add the details by using the CreateDetails action with the new generated OrderHeaderID.

In all other scenarios where the "IsReserved" field is not changing, leave the field OrderDetails empty because no order details will be modified. You will have to use "ModifyDetails" action to make changes in the order details.

### How to use OrderDetailDTO for action /api/OrderDetails/DeleteDetails:

OrderDetailID is the only field require for this action. Here's an example of what your object should look if you want to delete two details:

```
{
  "OrderHeaderID": 1000001,
  "OrderDetails": [
    {
      "OrderDetailID": 0000001
    },
    {
      "OrderDetailID": 0000002
    }
  ]
}
```

### Using caller's keys instead of our IDs:

Some users of this API don't have the resource to manage IDs returned by this API. To accommodate those users, the API implements an alternate version of the services using a combination of fields (like Order Number and the customer ID retrieved when the credential is provided) to identify the information to manipulate.

However, it's strongly recommended to use the original services with IDs generated by this API to avoid failures like error # 459 returned by the service **/OrderDetails/ModifyDetails** saying: "This request cannot be done because more then one order detail has been found causing ambiguity"

### Error 500 - Database modification error:

If this error is returned, it's because the record exists but has not been modified in our database. A possible cause would be that there is no difference between the original record and the new object passed with the action (no field needs to be updated).



Annexe:

Code status list:

- 1 = In Process
- 2 = Shipped
- 3 = Partially Shipped
- 4 = Closed
- 5 = Cancelled
- 6 = Authorization Required
- 7 = Authorization Denied
- 8 = Returned
- 9 = In Preprocess
- 10 = On Hold