Spring REST Docs

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# Spring REST Docs

The service running at <http://localhost:8081>:

## Save Order

POST /api/orders/create

### Path parameters

No parameters.

### Query parameters

No parameters.

### Request fields

| Path | Type | Optional | Description |
| --- | --- | --- | --- |
| name | String | true |  |
| addressTo | String | true |  |
| costing | Integer | true |  |
| customer | String | true |  |
| orderState | String | true | Must be one of [NEW, CANCELED, IN\_PROGRESS, COMPLETED]. |

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/create' -i -X POST \  
 -H 'Content-Type: application/json' \  
 -d '{"name":"name","addressTo":"address to","costing":123,"customer":"customer","orderState":null}'

### Example response

HTTP/1.1 201 Created  
Content-Type: application/hal+json  
Content-Length: 127  
  
{  
 "name" : "name",  
 "addressTo" : "address to",  
 "costing" : 123,  
 "customer" : "customer",  
 "orderState" : "NEW"  
}

## Get Order

GET /api/orders/{id}

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

No request body.

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/5' -i -X GET

### Example response

HTTP/1.1 200 OK  
Content-Type: application/hal+json  
Content-Length: 401  
  
{  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "COMPLETED",  
 "\_links" : {  
 "self" : {  
 "href" : "http://localhost:8081/api/orders/5"  
 },  
 "edit" : {  
 "href" : "http://localhost:8081/api/orders/5"  
 },  
 "delete" : {  
 "href" : "http://localhost:8081/api/orders/5"  
 }  
 }  
}

## Edit Order

PUT /api/orders/{id}

Edit Order Request

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

| Path | Type | Optional | Description |
| --- | --- | --- | --- |
| name | String | true |  |
| addressTo | String | true |  |
| costing | Integer | true |  |
| customer | String | true |  |
| orderState | String | true | Must be one of [NEW, CANCELED, IN\_PROGRESS, COMPLETED]. |

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/6' -i -X PUT \  
 -H 'Content-Type: application/json' \  
 -d '{"name":"name","addressTo":"address to","costing":123,"customer":"customer","orderState":null}'

### Example response

HTTP/1.1 200 OK  
Content-Type: application/hal+json  
Content-Length: 127  
  
{  
 "name" : "name",  
 "addressTo" : "address to",  
 "costing" : 123,  
 "customer" : "customer",  
 "orderState" : "NEW"  
}

## Delete Order

DELETE /api/orders/{id}

Delete Order Request

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

No request body.

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/7' -i -X DELETE

### Example response

HTTP/1.1 200 OK  
Content-Type: text/plain;charset=UTF-8  
Content-Length: 16  
  
Order is deleted

## Start Order

PUT /api/orders/{id}/start

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

No request body.

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/5/start' -i -X PUT

### Example response

HTTP/1.1 200 OK  
Content-Type: application/hal+json  
Content-Length: 149  
  
{  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "IN\_PROGRESS"  
}

## Cancel Order

PUT /api/orders/{id}/cancel

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

No request body.

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/5/cancel' -i -X PUT

### Example response

HTTP/1.1 200 OK  
Content-Type: application/hal+json  
Content-Length: 146  
  
{  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "CANCELED"  
}

## Complete Order

PUT /api/orders/{id}/complete

### Path parameters

| Parameter | Type | Optional | Description |
| --- | --- | --- | --- |
| id | Integer | false |  |

### Query parameters

No parameters.

### Request fields

No request body.

### Response fields

No response body.

### Example request

$ curl 'http://localhost:8081/api/orders/5/complete' -i -X PUT

### Example response

HTTP/1.1 200 OK  
Content-Type: application/hal+json  
Content-Length: 147  
  
{  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "COMPLETED"  
}

## Search

POST /api/orders/search

### Path parameters

No parameters.

### Query parameters

No parameters.

### Request fields

| Path | Type | Optional | Description |
| --- | --- | --- | --- |
| filters | Array[Object] | true |  |
| filters[].key | String | true |  |
| filters[].operator | String | true | Must be one of [EQUAL, NOT\_EQUAL, LIKE, IN, BETWEEN]. |
| filters[].field\_type | String | true | Must be one of [BOOLEAN, CHAR, DATE, DOUBLE, INTEGER, LONG, STRING]. |
| filters[].value | Object | true |  |
| filters[].value\_to | Object | true |  |
| filters[].values | Array[Object] | true |  |
| sorts | Array[Object] | true |  |
| sorts[].key | String | true |  |
| sorts[].direction | String | true | Must be one of [ASC, DESC]. |
| page | Integer | true |  |
| size | Integer | true |  |

### Response fields

| Path | Type | Optional | Description |
| --- | --- | --- | --- |
| totalPages | Integer | true |  |
| totalElements | Integer | true |  |
| size | Integer | true |  |
| content | Array[Object] | true |  |
| content[].id | Integer | true |  |
| content[].name | String | true |  |
| content[].addressTo | String | true |  |
| content[].costing | Integer | true |  |
| content[].customer | String | true |  |
| content[].orderState | String | true | Must be one of [NEW, CANCELED, IN\_PROGRESS, COMPLETED]. |
| number | Integer | true |  |
| numberOfElements | Integer | true |  |
| sort | Object | true |  |
| sort.empty | Boolean | true |  |
| sort.sorted | Boolean | true |  |
| sort.unsorted | Boolean | true |  |
| pageable | Object | true |  |
| pageable.offset | Integer | true |  |
| pageable.sort | Object | true |  |
| pageable.sort.empty | Boolean | true |  |
| pageable.sort.sorted | Boolean | true |  |
| pageable.sort.unsorted | Boolean | true |  |
| pageable.pageSize | Integer | true |  |
| pageable.pageNumber | Integer | true |  |
| pageable.unpaged | Boolean | true |  |
| pageable.paged | Boolean | true |  |
| last | Boolean | true |  |
| first | Boolean | true |  |
| empty | Boolean | true |  |

### Example request

$ curl 'http://localhost:8081/api/orders/search' -i -X POST \  
 -H 'Content-Type: application/json' \  
 -d '{"filters":[{"key":"customer","operator":"EQUAL","field\_type":"STRING","value":"Nurbolat Amilbek","value\_to":null,"values":null}],"sorts":[{"key":"costing","direction":"ASC"}],"page":null,"size":null}'

### Example response

HTTP/1.1 200 OK  
Content-Type: application/json  
Content-Length: 1072  
  
{  
 "content" : [ {  
 "id" : 7,  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "NEW",  
 "links" : [ ]  
 }, {  
 "id" : 8,  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "NEW",  
 "links" : [ ]  
 }, {  
 "id" : 9,  
 "name" : "name of order",  
 "addressTo" : "Address",  
 "costing" : 123,  
 "customer" : "Nurbolat Amilbek",  
 "orderState" : "NEW",  
 "links" : [ ]  
 } ],  
 "pageable" : {  
 "sort" : {  
 "empty" : true,  
 "sorted" : false,  
 "unsorted" : true  
 },  
 "offset" : 0,  
 "pageSize" : 100,  
 "pageNumber" : 0,  
 "unpaged" : false,  
 "paged" : true  
 },  
 "totalPages" : 1,  
 "totalElements" : 4,  
 "last" : true,  
 "size" : 100,  
 "number" : 0,  
 "numberOfElements" : 4,  
 "sort" : {  
 "empty" : true,  
 "sorted" : false,  
 "unsorted" : true  
 },  
 "first" : true,  
 "empty" : false  
}