

Sample REST Service

Sample REST Service Documentation – Version 0.0.1, 2018-09-27

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Introduction

Resources

1. Customer

1.1. Create Customer

1.1.1. Request structure

```
POST /jpa/customer/ HTTP/1.1
Content-Type: application/json
Accept: application/json
Host: localhost:0
Content-Length: 116

{
  "firstName" : "firstName1",
  "lastName" : "lastName1",
  "sampleIgnoreInPublic" : "sampleIgnoreInPublic1"
}
```

1.1.2. Request fields

| Path | Type | Description |
|----------------------|--------|---|
| firstName | String | Customer's first name |
| lastName | String | Customer's last name |
| sampleIgnoreInPublic | String | Some data that will be ignored while in public view |

1.1.3. Response fields

| Path | Type | Description |
|-----------|--------|-----------------------|
| firstName | String | Customer's first name |
| lastName | String | Customer's last name |

| Path | Type | Description |
|---------|--------|-------------------|
| created | String | Created timestamp |
| updated | String | Updated timestamp |
| id | Number | ID |

1.1.4. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Content-Length: 170

{
  "created" : "2018-09-27T18:29:05.664+0000",
  "updated" : "2018-09-27T18:29:05.664+0000",
  "id" : 5,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}
```

1.1.5. CURL request

```
$ curl 'http://localhost:0/jpa/customer/' -i -X POST \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -d '{
    "firstName" : "firstName1",
    "lastName" : "lastName1",
    "sampleIgnoreInPublic" : "sampleIgnoreInPublic1"
  }'
```

1.2. Get Customer

1.2.1. Request structure

```
GET /jpa/customer/4 HTTP/1.1
Accept: application/json
Host: localhost:0
```

1.2.2. Path parameters

Table 1. */jpa/customer/{id}*

| Parameter | Description |
|-----------|--------------------|
| id | Customer ID to get |

1.2.3. Response fields

| Path | Type | Description |
|-----------|--------|-----------------------|
| firstName | String | Customer's first name |
| lastName | String | Customer's last name |
| created | String | Created timestamp |
| updated | String | Updated timestamp |

| Path | Type | Description |
|------|--------|-------------|
| id | Number | ID |

1.2.4. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Content-Length: 170
```

```
{
  "created" : "2018-09-27T18:29:05.568+0000",
  "updated" : "2018-09-27T18:29:05.568+0000",
  "id" : 4,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}
```

1.2.5. CURL request

```
$ curl 'http://localhost:0/jpa/customer/4' -i -X GET \
-H 'Accept: application/json'
```

1.3. Get all Customers

1.3.1. Request structure

```
GET /jpa/customer/?page=0&size=2147483647 HTTP/1.1
Accept: application/json
Host: localhost:0
```

1.3.2. Request fields

| Parameter | Description |
|-----------|----------------------------|
| page | Page number to get |
| size | Number of results per page |

1.3.3. Response fields

| Path | Type | Description |
|----------------|--------|-----------------------|
| [] | Array | List of customers |
| [][.firstName] | String | Customer's first name |
| [][.lastName] | String | Customer's last name |
| [][.created] | String | Created timestamp |
| [][.updated] | String | Updated timestamp |
| [][.id] | Number | ID |

1.3.4. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Content-Length: 518
```

```
[ {
  "created" : "2018-09-27T18:29:05.266+0000",
  "updated" : "2018-09-27T18:29:05.266+0000",
  "id" : 1,
  "firstName" : "firstName0",
  "lastName" : "lastName0"
}, {
  "created" : "2018-09-27T18:29:05.336+0000",
  "updated" : "2018-09-27T18:29:05.336+0000",
  "id" : 2,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}, {
  "created" : "2018-09-27T18:29:05.342+0000",
  "updated" : "2018-09-27T18:29:05.342+0000",
  "id" : 3,
  "firstName" : "firstName2",
  "lastName" : "lastName2"
} ]
```

1.3.5. CURL request

```
$ curl 'http://localhost:0/jpa/customer/?page=0&size=2147483647' -i -X GET \
-H 'Accept: application/json'
```

1.4. Get Customers by Last Name

1.4.1. Request structure

```
GET /jpa/customer/search/findAllByLastName/lastName1 HTTP/1.1
Accept: application/json
Host: localhost:0
```

1.4.2. Path parameters

Table 2. /jpa/customer/search/findAllByLastName/{lastName}

| Parameter | Description |
|-----------|------------------------|
| lastName | Last name to search by |

1.4.3. Response fields

| Path | Type | Description |
|---------------|--------|-----------------------|
| [] | Array | List of customers |
| [].firstName | String | Customer's first name |
| [].lastName | String | Customer's last name |
| [].created | String | Created timestamp |
| [].updated | String | Updated timestamp |
| [].id | Number | ID |

1.4.4. Example response

```
HTTP/1.1 200 OK
Content-Type: application/json;charset=UTF-8
Content-Length: 174
```

```
[ {
  "created" : "2018-09-27T18:29:05.744+0000",
  "updated" : "2018-09-27T18:29:05.744+0000",
  "id" : 6,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
} ]
```

1.4.5. CURL request

```
$ curl 'http://localhost:0/jpa/customer/search/findAllByLastName/lastName1' -i -X GET \
-H 'Accept: application/json'
```

Version 0.0.1

Last updated 2018-09-27 11:35:23 PDT