

Sample REST Service

Sample REST Service Documentation – Version 0.0.1, 2018-09-27 02

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Introduction

Resources

1. Customer

1.1. Create Customer

1.1.1. Request structure

```
POST /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" : "2018-09-27T02:03:07.170+0000",
  "updated" : "2018-09-27T02:03:07.170+0000",
  "id" : 6,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}
```

1.1.5. CURL request

```
$ curl 'http://localhost:0/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 /customer/1 HTTP/1.1
Accept: application/json
Host: localhost:0
```

1.2.2. Path parameters

Table 1. */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" : "2018-09-27T02:03:06.778+0000",
  "updated" : "2018-09-27T02:03:06.778+0000",
  "id" : 1,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}
```

1.2.5. CURL request

```
$ curl 'http://localhost:0/customer/1' -i -X GET \
-H 'Accept: application/json'
```

1.3. Get all Customers

1.3.1. Request structure

```
GET /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" : "2018-09-27T02:03:07.077+0000",
  "updated" : "2018-09-27T02:03:07.077+0000",
  "id" : 3,
  "firstName" : "firstName0",
  "lastName" : "lastName0"
}, {
  "created" : "2018-09-27T02:03:07.083+0000",
  "updated" : "2018-09-27T02:03:07.083+0000",
  "id" : 4,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
}, {
  "created" : "2018-09-27T02:03:07.087+0000",
  "updated" : "2018-09-27T02:03:07.087+0000",
  "id" : 5,
  "firstName" : "firstName2",
  "lastName" : "lastName2"
} ]
```

1.3.5. CURL request

```
$ curl 'http://localhost:0/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 /customer/search/findAllByLastName/lastName1 HTTP/1.1
Accept: application/json
Host: localhost:0
```

1.4.2. Path parameters

Table 2. /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" : "2018-09-27T02:03:06.965+0000",
  "updated" : "2018-09-27T02:03:06.965+0000",
  "id" : 2,
  "firstName" : "firstName1",
  "lastName" : "lastName1"
} ]
```

1.4.5. CURL request

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

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