

# Brewery Rest Docs

Spring Framework Guru

**Brewery Beer Manager Service** is a Microservice for managing beer inventory.

The service allows managing:

- Beer creation
- Beer update
- Beer deletion
- Beer request by its ID

# Get by ID

Get a specific Beer by its ID using cURL

```
$ curl 'http://localhost:8080/api/v1/beer/dc9b71f1-9094-4eb6-9fdf-871390087140' -i -X GET \
-H 'Accept: application/json'
```

Get a specific Beer by its ID using HTTP

```
GET /api/v1/beer/dc9b71f1-9094-4eb6-9fdf-871390087140 HTTP/1.1
Accept: application/json
Host: localhost:8080
```

Get a specific Beer by its ID using HTTPIE

```
$ http GET 'http://localhost:8080/api/v1/beer/dc9b71f1-9094-4eb6-9fdf-871390087140' \
'Accept:application/json'
```

## Path Parameters

Table 1. `/api/v1/beer/{beerId}`

Parameter	Description
<code>beerId</code>	The id of the beer

## HTTP Response example

```
HTTP/1.1 200 OK
Content-Length: 148
Content-Type: application/json;charset=UTF-8

{"id":"dc9b71f1-9094-4eb6-9fdf-871390087140","beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}
```

## Request Body example

## Response Fields

Path	Type	Description
<code>id</code>	<code>UUID</code>	The id of the beer

Path	Type	Description
beerName	String	The name of the beer
beerStyle	String	The style of the beer
upc	Long	The UPC of the beer
createdDate	OffsetDateTime	The date the beer was created
lastUpdatedDate	OffsetDateTime	The date the beer was last updated

#### Response Body example

```
{
  "id": "dc9b71f1-9094-4eb6-9fdf-871390087140",
  "beerName": "Beer1",
  "beerStyle": "PALE_ALE",
  "upc": 123456789012,
  "createdDate": null,
  "lastUpdatedDate": null
}
```

# Create new beer

Create a new Beer using cURL

```
$ curl 'http://localhost:8080/api/v1/beer/' -i -X POST \
  -H 'Content-Type: application/json' \
  -d
'{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}'
```

Create a new Beer using HTTPIE

```
$ echo
'{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}' | http POST 'http://localhost:8080/api/v1/beer/' \
  'Content-Type:application/json'
```

Create a new Beer using HTTP

```
POST /api/v1/beer/ HTTP/1.1
Content-Type: application/json
Host: localhost:8080
Content-Length: 114

{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}
```

Request Fields

Path	Type	Description	Constraints
beerName	String	The name of the beer	Must not be blank
beerStyle	String	The style of the beer	Must not be blank
upc	Number	The UPC of the beer	Must be positive

Request Body example

```
{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}
```

HTTP Response example

HTTP/1.1 201 Created

Location: /api/v1/beer/c8da31d7-9374-4f00-a7f1-4cc9d4a82921

## Response Body

# Update an existing beer

Update an existing Beer using cURL

```
$ curl 'http://localhost:8080/api/v1/beer/1f163978-da2c-4899-8cca-5b952f41c504' -i -X PUT \
-H 'Content-Type: application/json' \
-d
'{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}'
```

Update an existing Beer using HTTPIE

```
$ echo
'{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}' | http PUT 'http://localhost:8080/api/v1/beer/1f163978-da2c-4899-8cca-5b952f41c504' \
'Content-Type:application/json'
```

Update an existing Beer using HTTP

```
PUT /api/v1/beer/1f163978-da2c-4899-8cca-5b952f41c504 HTTP/1.1
Content-Type: application/json
Host: localhost:8080
Content-Length: 114

{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}
```

Request Fields

Path	Type	Description	Constraints
beerName	String	The name of the beer	Must not be blank
beerStyle	String	The style of the beer	Must not be blank
upc	Number	The UPC of the beer	Must be positive

Request Body example

```
{"id":null,"beerName":"Beer1","beerStyle":"PALE_ALE","upc":123456789012,"createdDate":null,"lastUpdatedDate":null}
```

HTTP Response example

HTTP/1.1 204 No Content

Response Body example