Festivities RESTful API

Instructions

- Descompress `Festivities.zip`
- Modify application.properties that is inside Festivities-0.0.1-SNAPSHOT.jar with the right information about the PostgresDB's configuration.

```
# URL DATABASE
spring.datasource.url = jdbc:postgresql://localhost/festivity

# Username and password
spring.datasource.username = postgres
spring.datasource.password = postgres2016
```

- Open terminal
- Go to the root of the Project (Festivities)
- Type:
  `java -jar target/Festivities-0.0.1-SNAPSHOT.jar`

Load initial data

- Open a browser and go on
  `RequestMethod.GET`
  `http://localhost:8080/festivityapi/festivity/load`
  This will take festivities.xml and execute ETL for creating the initial data

Queries

Find all festivities

`RequestMethod.GET`
`http://localhost:8080/festivityapi/festivity/`

Find by Name

`RequestMethod.GET`
http://localhost:8080/festivityapi/festivity/name?name=[name]

Find by Start Date

`RequestMethod.GET`
Date Format yyyy-MM-dd'T'HH:mm:ss.SSS'Z' (e.g. 2016-07-30T19:16:01.001Z)
http://localhost:8080/festivityapi//festivity/start_date?startDate=[startDate]

Find by Data Range

`RequestMethod.GET`
Date Format yyyy-MM-dd'T'HH:mm:ss.SSS'Z' (e.g. 2016-07-30T19:16:01.001Z)
http://localhost:8080/festivityapi//festivity/date_range?startDate=[startDate] &endDate=[endDate]

Find by Place

`RequestMethod.GET`
http://localhost:8080/festivityapi//festivity/name_place?namePlace=[namePlace]

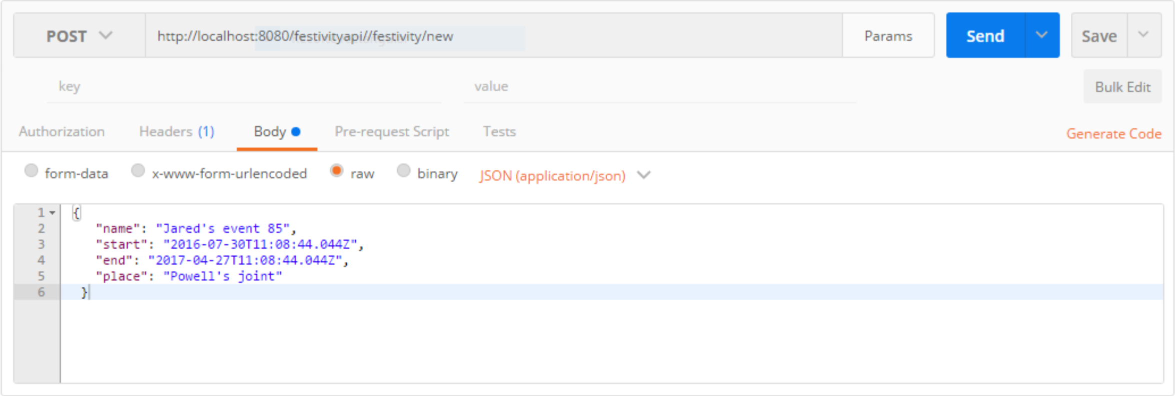
New Festivity

`RequestMethod.`***`POST`***

Date Format yyyy-MM-dd'T'HH:mm:ss.SSS'Z' (e.g. 2016-07-30T19:16:01.001Z)

```
@RequestBody
JSON File
      {
          "name": "Jared's event 85",
          "start": "2016-07-30T11:08:44.044Z",
          "end": "2017-04-27T11:08:44.044Z",
          "place": "Powell's joint"
      }
```

http://localhost:8080/festivityapi//festivity/new



POST http://localhost:8080/festivityapi//festivity/new

○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON (application/json)

```
{
   "name": "Jared's event 85",
   "start": "2016-07-30T11:08:44.044Z",
   "end": "2017-04-27T11:08:44.044Z",
   "place": "Powell's joint"
}
```

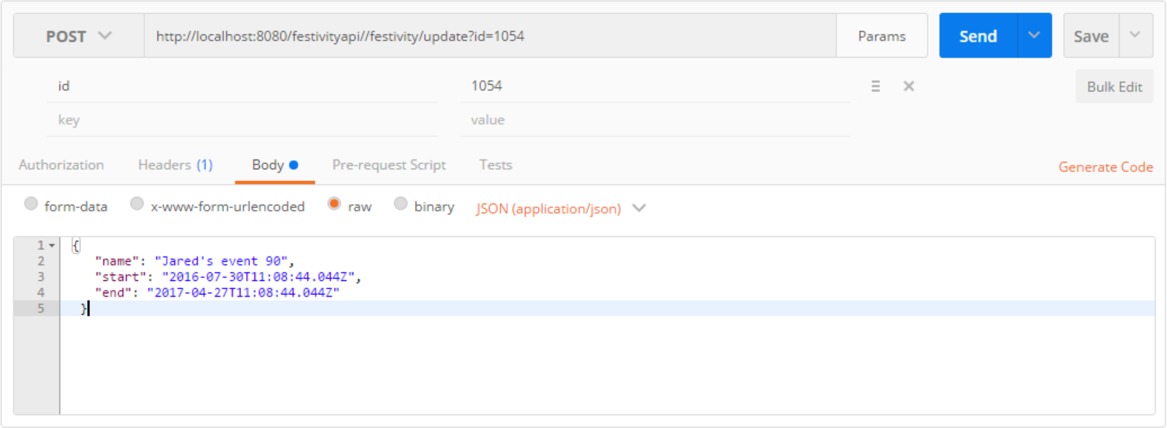
Update Festivity

`RequestMethod.`***`POST`***

Date Format yyyy-MM-dd'T'HH:mm:ss.SSS'Z' (e.g. 2016-07-30T19:16:01.001Z)

```
@RequestBody
JSON File
      {
          "name": "Jared's event 90",
          "start": "2016-07-30T11:08:44.044Z",
          "end": "2017-04-27T11:08:44.044Z"
        }
```

http://localhost:8080/festivityapi//festivity/update?id=[id]



POST http://localhost:8080/festivityapi//festivity/update?id=1054

id	1054
key	value

○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON (application/json)

```
{
   "name": "Jared's event 90",
   "start": "2016-07-30T11:08:44.044Z",
   "end": "2017-04-27T11:08:44.044Z"
}
```