Festivities RESTful API

Instructions

- Descompress `Festivities.zip`
- Modify application.properties that is inside /target/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]
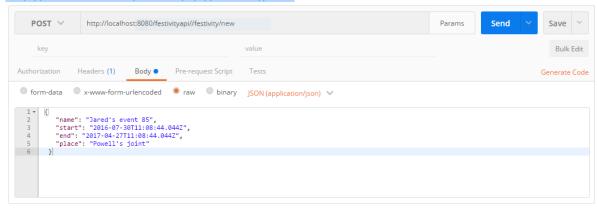&endDate=[endDate]

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

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]