

Tutorial

RESTful Controllers

localhost:7000

Name:
Test

Location:
Class

Add

| ID | Client | Location |
|----|--------|----------------|
| 0 | Alice | Board Room |
| 1 | Bob | Lecture Hall |
| 2 | Joe | Meeting Room 1 |

RESTful Controllers

localhost:7000

Name:
Test

Location:
Class

Add

| ID | Client | Location |
|----|--------|----------------|
| 0 | Alice | Board Room |
| 1 | Bob | Lecture Hall |
| 2 | Joe | Meeting Room 1 |
| 3 | Test | Class |

```

public ReservationController(IRepository repo) => repository = repo;

[HttpGet]
public IEnumerable<Reservation> Get() => repository.Reservations;

[HttpGet("{id}")]
public Reservation Get(int id) => repository[id];

[HttpPost]
public Reservation Post([FromBody] Reservation res) =>
    repository.AddReservation(new Reservation {
        ClientName = res.ClientName,
        Location = res.Location
    });

[HttpPut]
public Reservation Put([FromBody] Reservation res) =>
    repository.UpdateReservation(res);

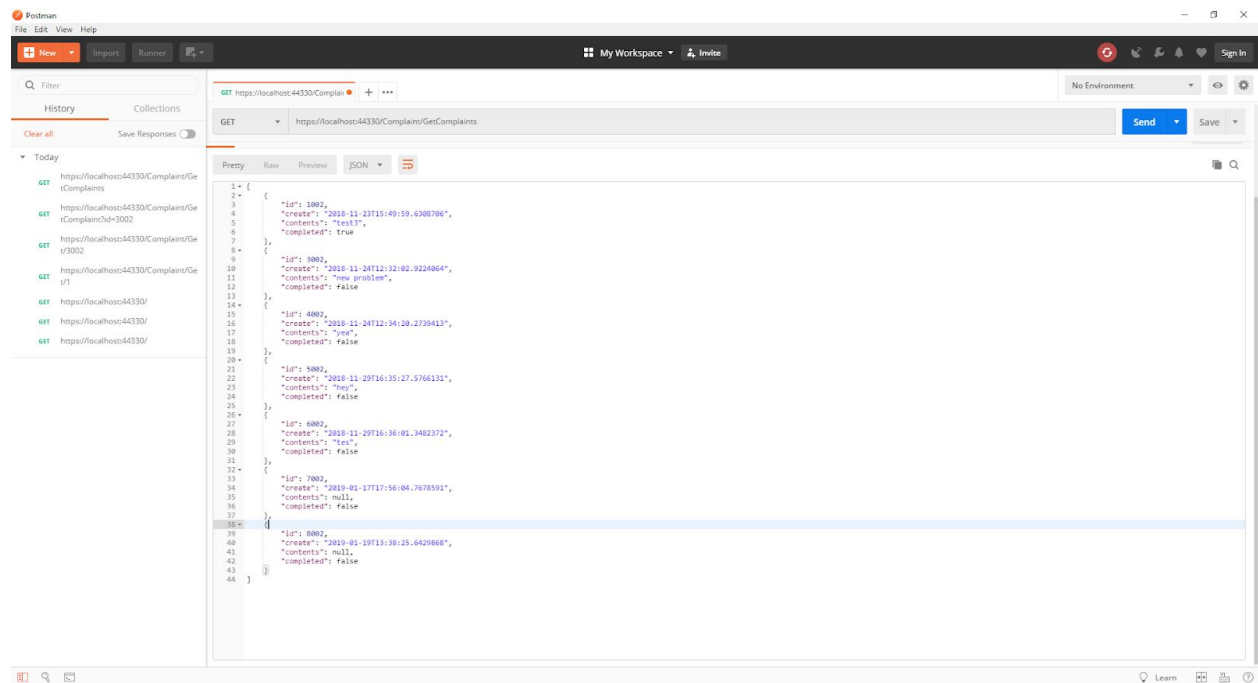
[HttpPatch("{id}")]
public StatusCodeResult Patch(int id,
    [FromBody]JsonPatchDocument<Reservation> patch) {
    Reservation res = Get(id);
    if (res != null) {
        patch.ApplyTo(res);
        return Ok();
    }
    return NotFound();
}

[HttpDelete("{id}")]
public void Delete(int id) => repository.DeleteReservation(id);
}

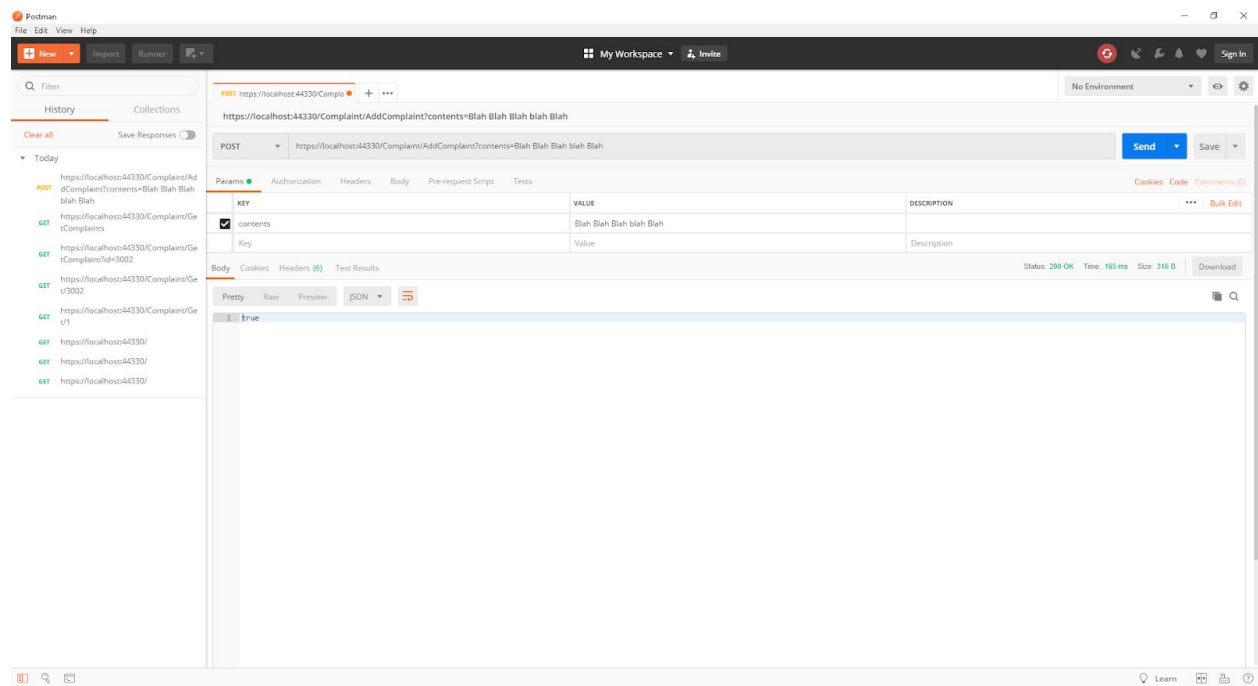
```

App Screenshots of Postman

(get)



(post)



(put)

Postman

File Edit View Help

New Import Runner

My Workspace Invite

No Environment

Filter

History Collections

Clear all Save Responses

Today

PUT https://localhost:44330/Complain/Edi...
https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
POST https://localhost:44330/Complain/Ad...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...

PUT https://localhost:44330/Complain/Edi...
https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
POST https://localhost:44330/Complain/Ad...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...

Params Authorization Headers Body Pre-request Script Tests

KEY VALUE DESCRIPTION

id 3002

create 2/3/2018 4:32:02 AM

contents edit a complaint

completed true

Key Value Description

Body Cookies Headers Test Results

Status: 200 OK Time: 3310 ms Size: 316 B Download

Pretty Raw Preview JSON

1 true

(patch)

Postman

File Edit View Help

New Import Runner

My Workspace Invite

No Environment

Filter

History Collections

Clear all Save Responses

Today

PATCH https://localhost:44330/Compla...
https://localhost:44330/Compla...
PATCH https://localhost:44330/Complain/Togg...
PATCH https://localhost:44330/Complain/Togg...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
POST https://localhost:44330/Complain/Ad...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...

PATCH https://localhost:44330/Compla...
https://localhost:44330/Compla...
PATCH https://localhost:44330/Complain/Togg...
PATCH https://localhost:44330/Complain/Togg...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
PUT https://localhost:44330/Complain/Edi...
POST https://localhost:44330/Complain/Ad...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...
GET https://localhost:44330/Complain/Ge...

Params Authorization Headers Body Pre-request Script Tests

KEY VALUE DESCRIPTION

id 3002

Key Value Description

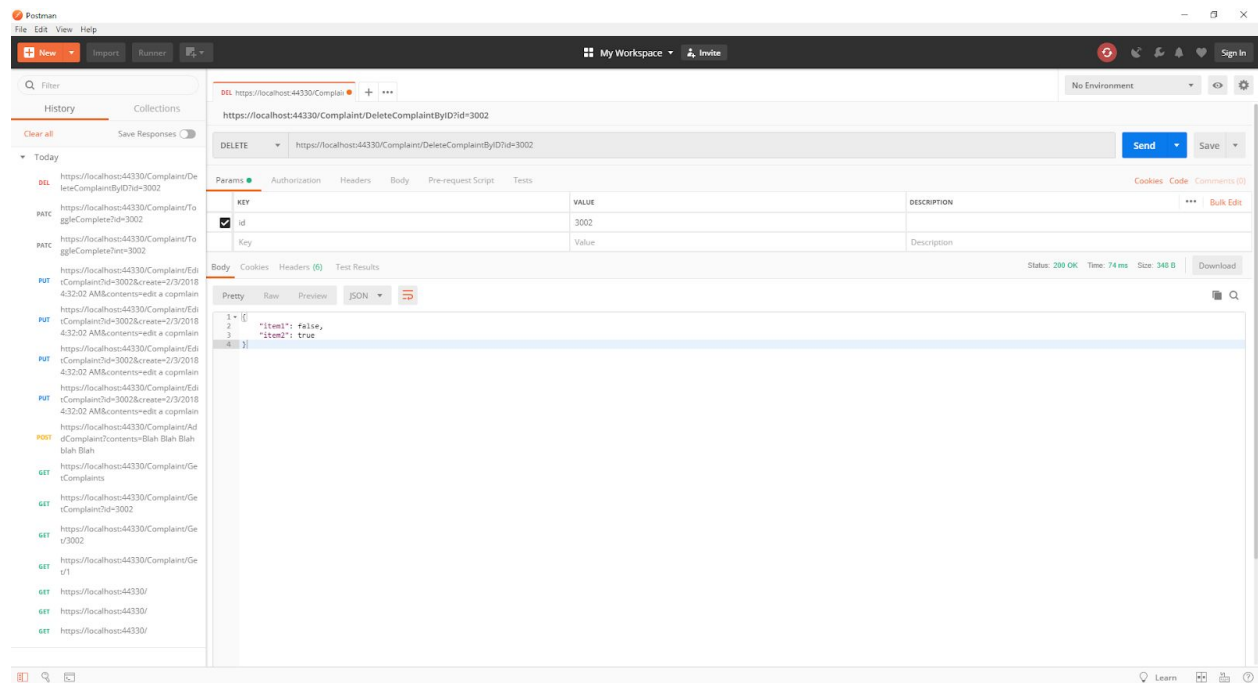
Body Cookies Headers Test Results

Status: 200 OK Time: 4957 ms Size: 316 B Download

Pretty Raw Preview JSON

1 true

(delete)



Item1 - Comments for delete (could be better named)

Item2 - Complaint Deleted (could be better named)