

Lab 7 – CRUD

CREATE

POST /persons

The screenshot shows a REST client interface with a POST request to `localhost:3000/persons`. The request body is a JSON object representing a person's data. The response is also a JSON object, which includes an `_id` and `__v` field, indicating a successful database insertion.

Request Body:

```
12  "House Stark",
13
14  "The Night's Watch"
15
16  ],
17
18  "playedBy": "Kit Harrington",
19
20  "titles": [
21    "Lord Commander of The Night's Watch",
22    "King of The North",
23    "Lord Crow"
24  ],
25
26  "father": "Ned Stark",
27
28  "mother": "unknown",
29
30  ]
31
32
33
```

Response Body:

```
1  {
2    "alliance": [
3      "House Stark",
4      "The Night's Watch"
5    ],
6    "titles": [
7      "Lord Commander of The Night's Watch",
8      "King of The North",
9      "Lord Crow"
10   ],
11    "_id": "5cc63316c1393b2e2181f5a9",
12    "name": "Jon Snow",
13    "age": 20,
14    "born": 283,
15    "timeline": "AC",
16    "playedBy": "Kit Harrington",
17    "father": "Ned Stark",
18    "mother": "unknown",
19    "spouse": "",
20    "__v": 0
21  }
```

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POST localhost:3000/persons Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Cookies Code

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary JSON (application/json)

```
1 {
2
3   "name": "Eddard Stark",
4
5   "age": 35,
6
7   "born": "263",
8
9   "timeline": "AC",
10
11  "alliance": [
12    "House Stark"
13  ],
14
15  "playedBy": "Sean Bean",
16
17  "titles": [
18    "Lord of Winterfell",
19    "Warden of the North",
20    "Hand of the King"
21  ]
22 }
```

Body Cookies Headers (6) Test Results Status: 200 OK Time: 116 ms Size: 513 B

Pretty Raw Preview JSON 

```
1 {
2   "alliance": [
3     "House Stark"
4   ],
5   "titles": [
6     "Lord of Winterfell",
7     "Warden of the North",
8     "Hand of the King"
9   ],
10  "_id": "5cc63375c1393b2e2181f5aa",
11  "name": "Eddard Stark",
12  "age": 35,
13  "born": 263,
14  "timeline": "AC",
15  "playedBy": "Sean Bean",
16  "father": "Rickard Stark",
17  "mother": "Lyarra Stark",
18  "spouse": "Catelyn Stark",
19  "__v": 0
20 }
```

QUERY RESULTS 1-2 OF 2

```
_id: ObjectId("5cc63316c1393b2e2181f5a9")
> allegiance: Array
> titles: Array
  name: "Jon Snow"
  age: 20
  born: 283
  timeline: "AC"
  playedBy: "Kit Harrington"
  father: "Ned Stark"
  mother: "unknown"
  spouse: ""
  __v: 0
```

```
_id: ObjectId("5cc63375c1393b2e2181f5aa")
> allegiance: Array
> titles: Array
  name: "Eddard Stark"
  age: 35
  born: 263
  timeline: "AC"
  playedBy: "Sean Bean"
  father: "Rickard Stark"
  mother: "Lynarra Stark"
  spouse: "Catelyn Stark"
  __v: 0
```

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READ

GET /persons

GET localhost:3000/persons

Bootcamp

No Environment

localhost:3000/persons

GET

localhost:3000/persons

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Cookies

Code

Comments (0)

none

form-data

x-www-form-urlencoded

raw

binary

JSON (application/json)

Beautify

1

Body

Cookies

Headers (6)

Test Results

Status: 200 OK

Time: 147 ms

Size: 822 B

Download

Pretty

Raw

Preview

JSON

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12

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```
[
  {
    "alliance": [
      "House Stark",
      "The Night's Watch"
    ],
    "titles": [
      "Lord Commander of The Night's Watch",
      "King of The North",
      "playedBy": "Kit Harrington",
      "father": "Ned Stark",
      "mother": "unknown",
      "spouse": "",
      "__v": 0
    ],
  },
  {
    "alliance": [
      "House Stark"
    ],
    "titles": [
      "Lord of Winterfell",
      "Warden of the North",
      "Hand of the King"
    ],
    "_id": "5cc63375c1393b2e2181f5aa",
    "name": "Eddard Stark",
    "age": 35,
    "born": 263,
    "timeline": "AC",
    "playedBy": "Sean Bean",
    "father": "Rickard Stark",
    "mother": "Lyarra Stark",
    "spouse": "Catelyn Stark",
    "__v": 0
  }
]
```

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GET /persons/:id

GET localhost:3000/persons/5cc63375c1393b2e2181f5aa

localhost:3000/persons/5cc63375c1393b2e2181f5aa

GET localhost:3000/persons/5cc63375c1393b2e2181f5aa

Params Authorization Headers (8) Body Pre-request Script Tests

none form-data x-www-form-urlencoded raw binary JSON (application/json)

1

Body Cookies Headers (6) Test Results

Status: 200 OK Time: 116 ms Size: 513 B Download

Pretty Raw Preview JSON

```
1 {
2   "alliance": [
3     "House Stark"
4   ],
5   "titles": [
6     "Lord of Winterfell",
7     "Warden of the North",
8     "Hand of the King"
9   ],
10  "_id": "5cc63375c1393b2e2181f5aa",
11  "name": "Eddard Stark",
12  "age": 35,
13  "born": 263,
14  "timeline": "AC",
15  "playedBy": "Sean Bean",
16  "father": "Rickard Stark",
17  "mother": "Lyanna Stark",
18  "spouse": "Catelyn Stark",
19  "_v": 0
20 }
```

UPDATE

PATCH /persons/:id

localhost:3000/persons/5cc63375c1393b2e2181f5aa

PATCH localhost:3000/persons/5cc63375c1393b2e2181f5aa

Params Authorization Headers (9) Body Pre-request Script Tests

none form-data x-www-form-urlencoded raw binary JSON (application/json)

```
1 {
2   "name": "Aegon Targaryen",
3   "father": "Rhaegar Targaryen",
4   "mother": "Lyanna Stark"
5 }
```

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```
Pretty Raw Preview JSON ↗
1 {
2   "alliance": [
3     "House Stark"
4   ],
5   "titles": [
6     "Lord of Winterfell",
7     "Warden of the North",
8     "Hand of the King"
9   ],
10  "_id": "5cc63375c1393b2e2181f5aa",
11  "name": "Aegon Targaryen",
12  "age": 35,
13  "born": 263,
14  "timeline": "AC",
15  "playedBy": "Sean Bean",
16  "father": "Rhaegar Targaryen",
17  "mother": "Lyanna Stark",
18  "spouse": "Catelyn Stark",
19  "__v": 0
20 }
```

DELETE

PATCH /persons/:id

DELETE localhost:3000/persons/5cc63375c1393b2e2181f5aa

Params Authorization Headers (9) Body ● Pre-request Script Tests

● none ● form-data ● x-www-form-urlencoded ● raw ● binary JSON (application/json) ▼

```
1 {
2   "name": "Aegon Targaryen",
3   "father": "Rhaegar Targaryen",
4   "mother": "Lyanna Stark"
5 }
```

QUERY RESULTS 1-1 OF 1

```
_id: ObjectId("5cc63316c1393b2e2181f5a9")
> allegiance: Array
> titles: Array
  name: "Jon Snow"
  age: 20
  born: 283
  timeline: "AC"
  playedBy: "Kit Harrington"
  father: "Ned Stark"
  mother: "unknown"
  spouse: ""
  __v: 0
```