

Fitness REST-API:

Base-URL: <http://localhost:3015>

Post:

/fitness/food/

/fitness/exercise/

/fitness/day/

/fitness/profile/

/signup

/login

/logout

Get:

/fitness/exercises/

/fitness/profiles/

/fitness/days/:profileId

/fitness/day/:date

/fitness/food/

/fitness/food/food/

/fitness/food/drink/

Put:

/fitness/exercise/

/fitness/profile/

/fitness/day/

/fitness/food/

Delete:

/fitness/exercise/:exerciseId

/fitness/profile/:profileId

/fitness/day/:dayId

/fitness/food/:foodId

## POST Endpoints (Login etc.):

URL:

**http://localhost:3005/signup/**

Senden: (Bsp.)

```
{ "firstname": "abc", "lastname": "def",  
  "street": "test 1", "postcode": "123",  
  "city": "test", "country": "test",  
  "phone": "123456789", "password": "123",  
  "email": "test@test.com" }
```

Antwort:

**successfully signed up!**

---

URL:

**http://localhost:3005/login/**

Senden: (Bsp.)

```
{ "email": "test@test.com", "password": "123" }
```

Antwort:

**successfully signed in!**

---

URL:

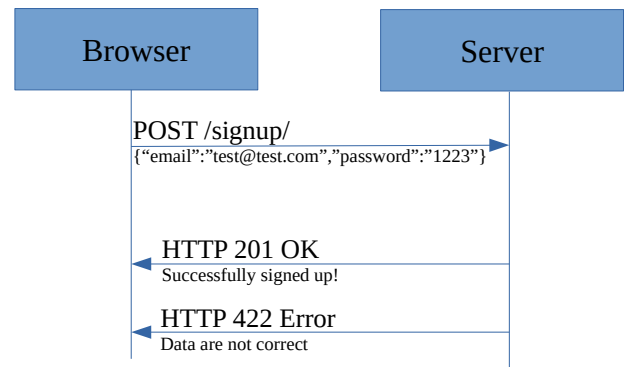
**http://localhost:3005/logout/**

Senden: (Bsp.)

-

Antwort:

**logout successful**



## POST Endpoints: (Daten einfügen) / (Login ist erforderlich)

URL:

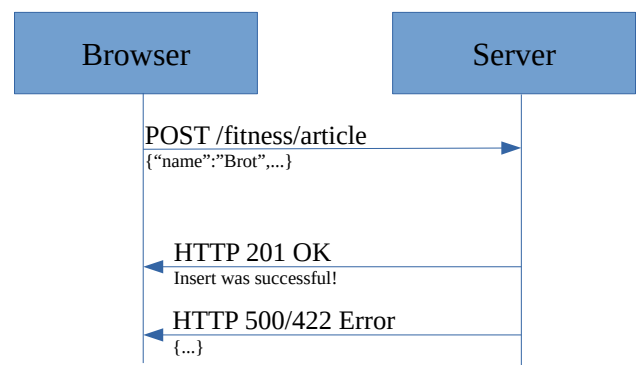
**http://localhost:3015/fitness/food/**

Senden: (Bsp.)

```
{ "name": "Brot",  
  "baseAmount": 100,  
  "energy": 240,  
  "fat": 1.5,  
  "carbohydrates": 10,  
  "protein": 20,  
  "salt": 1,  
  "fiber": 40,  
  "drink": false }
```

Antwort:

**Insert was successful!**



---

**URL:**

**http://localhost:3015/fitness/exercise/**

**Senden: (Bsp.)**

```
{
  "name": "Sit-ups",
  "baseTime": 60,
  "energyBurned": 1500
}
```

**Antwort:**

**Insert was successful!**

---

**URL:**

**http://localhost:3015/fitness/day/**

**Senden: (Bsp.)**

```
{
  "date": "2932021",
  "food": [{ "foodId": "60617e76853a921edccb8fbd", "amount": 400 }],
  "exercise": [{ "exerciseId": "60617ef3853a921edccb8fbe", "timeInMinutes": 100 }],
  "profileId": "60617f5a853a921edccb8fbf"
}
```

**Antwort:**

**Insert was successful!**

---

**URL:**

**http://localhost:3015/fitness/profile/**

**Senden: (Bsp.)**

```
{
  "name": "Me",
  "age": 66,
  "height": 200,
  "weight": 70,
  "sex": 1, /* 0=M; 1=F */
  "userId": "6009590ae432bda6a283446d"
}
```

**Antwort:**

**Insert was successful!**

## GET Endpoints: (Daten abfragen)

URL:

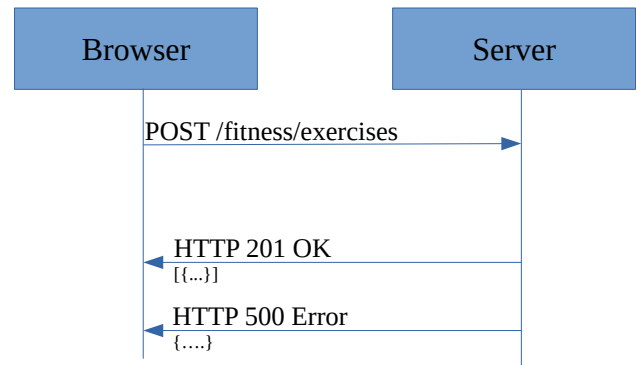
<http://localhost:3015/fitness/exercises/>

Senden: (Bsp.)

-

Antwort: (Bsp.)

```
[{
  "_id": "60617ef3853a921edccb8fbe",
  "name": "Sit-ups",
  "baseTime": 60,
  "energyBurned": 1500,
  "__v": 0
}]
```



URL:

<http://localhost:3015/fitness/profiles> (Login erforderlich)

Senden: (Bsp.)

-

Antwort: (Bsp.)

```
[{
  "_id": "60617f5a853a921edccb8fbf",
  "name": "Me",
  "age": 66,
  "height": 200,
  "weight": 70,
  "sex": 1,
  "userId": "6009590ae432bda6a283446d",
  "__v": 0
}]
```

URL:

<http://localhost:3015/fitness/days/:profileId> (Login erforderlich)

(Bsp.: <http://localhost:3015/fitness/days/60617f5a853a921edccb8fbf>)

Senden: (Bsp.)

-

Antwort: (Bsp.)

```
[{
  "_id": "60618014853a921edccb8fc3",
  "date": "2932021",
  "food": [{
    "_id": "6061810c7d33a425191344f0",
    "foodId": "60617e76853a921edccb8fbd",
    "amount": 500}],
  "exercise": [{
    "_id": "6061810c7d33a425191344f1",
    "exerciseId": "60617ef3853a921edccb8fbe",
    "timeInMinutes": 120}],
  "profileId": "60617f5a853a921edccb8fbf",
  "__v": 0}]
```

---

**URL:**

**http://localhost:3015/fitness/day/:profileId/:date (Login erforderlich)**  
(Bsp.: <http://localhost:3015/fitness/day/60617f5a853a921edccb8fbf/2932021>)

**Senden:** (Bsp.)

-

**Antwort:** (Bsp.)

```
{
  "_id": "60618014853a921edccb8fc3",
  "date": "2932021",
  "food": [{
    "_id": "6061810c7d33a425191344f0",
    "foodId": "60617e76853a921edccb8fbd",
    "amount": 500}],
  "exercise": [{
    "_id": "6061810c7d33a425191344f1",
    "exerciseId": "60617ef3853a921edccb8fbe",
    "timeInMinutes": 120}],
  "profileId": "60617f5a853a921edccb8fbf",
  "__v": 0}
```

---

**URL:**

**http://localhost:3015/fitness/food/**

**Senden:** (Bsp.)

-

**Antwort:** (Bsp.)

```
[{
  "_id": "60617e76853a921edccb8fbd",
  "name": "Brot",
  "baseAmount": 100,
  "energy": 240,
  "fat": 1.5,
  "carbohydrates": 10,
  "protein": 20,
  "salt": 1,
  "fiber": 40,
  "drink": false,
  "__v": 0
}]
```

---

**URL:**

**http://localhost:3015/fitness/food/food**

**Senden:** (Bsp.)

-

**Antwort:** (Bsp.)

```
[{
  "_id": "60617e76853a921edccb8fbd",
  "name": "Brot",
  "baseAmount": 100,
  "energy": 240,
  "fat": 1.5,
  "carbohydrates": 10,
  "protein": 20,
  "salt": 1,
  "fiber": 40,
  "drink": false,
  "__v": 0
}]
```

---

**URL:**

**http://localhost:3015/fitness/food/drink**

**Senden:** (Bsp.)

-

**Antwort:** (Bsp.)

```
[{
  "_id": "60617e76853a921edccb8fbd",
  "name": "Brot",
  "baseAmount": 100,
  "energy": 240,
  "fat": 1.5,
  "carbohydrates": 10,
  "protein": 20,
  "salt": 1,
  "fiber": 40,
  "drink": false,
  "__v": 0
}]
```

# PUT Endpoints: (Daten ändern) / (Login erforderlich)

URL:

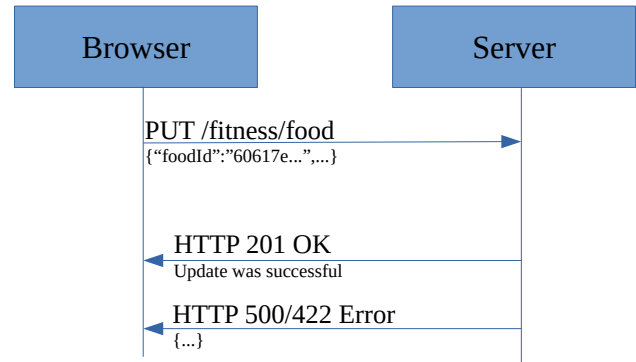
<http://localhost:3015/fitness/food/>

Senden: (Bsp.)

```
{
  "foodId": "60617e76853a921edccb8fbd",
  "name": "Brot",
  "baseAmount": 100,
  "energy": 240,
  "fat": 1.5,
  "carbohydrates": 10,
  "protein": 20,
  "salt": 1,
  "fiber": 40,
  "drink": false
}
```

Antwort: (Bsp.)

**Update was successful!**



URL:

<http://localhost:3015/fitness/exercise/>

Senden: (Bsp.)

```
{
  "exerciseId": "60617ef3853a921edccb8fbe",
  "name": "Sit-ups",
  "baseTime": 60,
  "energyBurned": 1500
}
```

Antwort: (Bsp.)

**Update was successful!**

URL:

<http://localhost:3015/fitness/profile/>

Senden: (Bsp.)

```
{
  "profileId": "60617f5a853a921edccb8fbf",
  "name": "Me",
  "age": 66,
  "height": 200,
  "weight": 70,
  "sex": 1,
  "userId": "6009590ae432bda6a283446d"
}
```

Antwort: (Bsp.)

**Update was successful!**

-----

URL:

**http://localhost:3015/fitness/day/**

Senden: (Bsp.)

```
{
  "dayId": "60618014853a921edccb8fc3",
  "date": "2932021",
  "food": [{ "foodId": "60617e76853a921edccb8fbd", "amount": 500 }],
  "exercise": [{ "exerciseId": "60617ef3853a921edccb8fbe", "timeInMinutes": 120 }],
  "profileId": "60617f5a853a921edccb8fbf"
}
```

Antwort: (Bsp.)

**Update was successful!**

## Delete Endpoints: (Daten löschen)/(Login erforderlich)

URL:

**http://localhost:3015/fitness/day/:dayId (Login erforderlich)**  
(Bsp.: **http://localhost:3015/fitness/day/60617f5a853a921edccb8fbf**)

Senden: (Bsp.)

-

Antwort: (Bsp.)

**Delete was successful!**

Browser

Server

DELETE /fitness/day/60617...

HTTP 201 OK  
Delete was successful

HTTP 500 Error  
{...}

-----

URL:

**http://localhost:3015/fitness/food/:foodId (Login erforderlich)**  
(Bsp.: **http://localhost:3015/fitness/food/60617f5a853a921edccb8fbf**)

Senden: (Bsp.)

-

Antwort: (Bsp.)

**Delete was successful!**

-----

URL:

**http://localhost:3015/fitness/profile/:profileId (Login erforderlich)**  
(Bsp.: **http://localhost:3015/fitness/profile/60617f5a853a921edccb8fbf**)

Senden: (Bsp.)

-

Antwort: (Bsp.)

**Delete was successful!**

-----

URL:

**http://localhost:3015/fitness/exercise/:exerciseId (Login erforderlich)**  
(Bsp.: **http://localhost:3015/fitness/exercise/60617f5a853a921edccb8fbf**)

Senden: (Bsp.)

-

Antwort: (Bsp.)

**Delete was successful!**