

Teht.16 CRUD operaatiot, bookille

localhost:3000/book/5

PUT localhost:3000/book/5

Send

Params Auth Headers (8) **Body** Pre-req. Tests Settings Cookies

x-www-form-urlencoded

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	fname	Roope			
<input type="checkbox"/>	lname	Ankka			
<input checked="" type="checkbox"/>	id_book	NULL			
<input checked="" type="checkbox"/>	name	The C programming Language			
<input checked="" type="checkbox"/>	author	Denis Ritchie			
<input checked="" type="checkbox"/>	isbn	123-456-443-xyz			
	Key	Value	Description		

Body 200 OK 21 ms 404 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "(Rows matched: 1 Changed: 1 Warnings: 0",
8   "protocol41": true,
9   "changedRows": 1
10 }
```

Päivitetään isbn

POST localhost:3000/book/

Send

Params Auth Headers (8) **Body** Pre-req. Tests Settings Cookies

x-www-form-urlencoded

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/>	fname	Roope			
<input type="checkbox"/>	lname	Ankka			
<input checked="" type="checkbox"/>	id_book	NULL			
<input checked="" type="checkbox"/>	name	C++ and you			
<input checked="" type="checkbox"/>	author	Pelle Hermanni			
<input checked="" type="checkbox"/>	isbn	523-478-444-yyh			
	Key	Value	Description		

Body 200 OK 17 ms 325 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_book": "NULL",
3   "name": "C++ and you",
4   "author": "Pelle Hermanni",
5   "isbn": "523-478-444-yyh"
6 }
```

Lisätään tieto

Delete näkyy terminaalissa niin ei tarvine toisintaa..?

```
RowDataPacket {
  id_book: 4,
  name: '"The C programming Language"',
  author: '"Denis Ritchie"',
  isbn: '"123-456-443-xxx"'
}
]
GET /book 200 7.532 ms - 277
DELETE /book/4 200 11.662 ms - 127
[
```

GET localhost:3000/book/

Params Auth Headers (8) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

	KEY	VALUE
<input type="checkbox"/>	fname	Roope
<input type="checkbox"/>	lname	Ankka
<input checked="" type="checkbox"/>	id_book	NULL
<input checked="" type="checkbox"/>	name	C++ and you
<input checked="" type="checkbox"/>	author	Pelle Hermanni
<input checked="" type="checkbox"/>	isbn	523-478-444-yyh
	Key	Value

Body 200 OK

Pretty Raw Preview Visualize JSON

```
6      "isbn": "123-456-789-111-x",
7    },
8    {
9      "id_book": 2,
10     "name": "Statistics",
11     "author": "Lisa Smith",
12     "isbn": "222-333-444-555-y"
13   },
14   {
15     "id_book": 5,
16     "name": "The C programming Language",
17     "author": "Denis Ritchie",
18     "isbn": "123-456-443-xyz"
19   },
20   {
21     "id_book": 6,
22     "name": "C++ and you",
23     "author": "Pelle Hermanni",
24     "isbn": "523-478-444-yyh"
25   }
26 ]
```

Haetaan tiedot

CRUD operaatiot borrowerille:

GET localhost:3000/borrower

Params Auth Headers (8) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

	KEY	VALUE	DESCRIPTION
<input type="checkbox"/>	fname	Roope	
<input type="checkbox"/>	lname	Ankka	
<input checked="" type="checkbox"/>	id_book	NULL	
<input checked="" type="checkbox"/>	name	C++ and you	
<input checked="" type="checkbox"/>	author	Pelle Hermanni	
<input checked="" type="checkbox"/>	isbn	523-478-444-yyh	
	Key	Value	Description

Body

200 OK 54 ms

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "id_borrower": 1,
4     "fname": "Aku",
5     "lname": "Ankka",
6     "streetaddress": "Paratiisitie 13"
7   },
8   {
9     "id_borrower": 2,
10    "fname": "Hannu",
11    "lname": "Hanhi",
12    "streetaddress": "Onnelantie 7"
13  }
14 }
```

Haetaan tiedot postmanilla

POST localhost:3000/borrower

Params Auth Headers (8) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

<input type="checkbox"/>	name	C++ and you
<input type="checkbox"/>	author	Pelle Hermanni
<input type="checkbox"/>	isbn	523-478-444-yyh
<input checked="" type="checkbox"/>	id_borrower	NULL
<input checked="" type="checkbox"/>	fname	Roope
<input checked="" type="checkbox"/>	lname	Ankka
<input checked="" type="checkbox"/>	streetaddress	Rahasailio 1
	Key	Value

Body

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_borrower": "NULL",
3   "fname": "Roope",
4   "lname": "Ankka",
5   "streetaddress": "Rahasailio 1"
6 }
```

Lisätään tietoja borroweriin

PUT localhost:3000/borrower/3

Params Auth Headers (8) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

<input type="checkbox"/>	name	C++ and you
<input type="checkbox"/>	author	Pelle Hermanni
<input type="checkbox"/>	isbn	523-478-444-yyh
<input checked="" type="checkbox"/>	id_borrower	NULL
<input checked="" type="checkbox"/>	fname	Roope
<input checked="" type="checkbox"/>	lname	Ankka
<input checked="" type="checkbox"/>	streetaddress	The Rahasallio
	Key	Value

Body 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "(Rows matched: 1 Changed: 1 Warnings: 0",
8   "protocol41": true,
9   "changedRows": 1
10 }
```

Päivitetään tietoja(tässä streetaddress)

DELETE localhost:3000/borrower/3

Params Auth Headers (8) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

<input type="checkbox"/>	name	C++ and you
<input type="checkbox"/>	author	Pelle Hermanni
<input type="checkbox"/>	isbn	523-478-444-yyh
<input checked="" type="checkbox"/>	id_borrower	NULL
<input checked="" type="checkbox"/>	fname	Roope
<input checked="" type="checkbox"/>	lname	Ankka
<input checked="" type="checkbox"/>	streetaddress	The Rahasallio
	Key	Value

Body

Pretty Raw Preview Visualize JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "",
8   "protocol41": true,
9   "changedRows": 0
10 }
```

Poistetaan tietoja