Banking API
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Bank API

API Structure

Resource	GET	POST	PUT	DELETE
/clients	Return a list of clients	Create a new client	Update an existing client	Remove a client
/clients/8973	Return a specific client	Method not allowed (405)	Update a specific client	Delete a specific client
/bankaccounts	Return a list of bank accounts	Create a new bank account	Update an existing bank account	Remove a bank account
/ bankaccounts /1	Return a specific bank account	Method not allowed (405)	Update a specific bank account	Delete a specific bank account
…	…	…	…	…

Clients

Query all clients

http://localhost:8080/clients/

```
[
  - {
      id: "656809119",
      name: "Daisy C. Ingram",
    - accounts: [
        - {
            id: "5125559597680580",
            name: "Bankia",
            money: 3.3
          }
      ],
      balance: 3.3
    },
  - {
      id: "139041712",
      name: "Isaac S. Reid",
    - accounts: [
        - {
            id: "5181796580552860",
            name: "BBVA",
            money: -91.4
          },
        - {
            id: "5540259810933901",
            name: "Evo Banco",
            money: 25.2
          }
      ],
      balance: -66.2
    },
  - {
      id: "103994433",
      name: "Julio M. Silva",
    - accounts: [
        - {
            id: "5416123015035048",
            name: "Banco Santander",
            money: 11
          },
```

Query one client by id

http://localhost:8080/clients/103994433

```
{
    id: "103994433",
    name: "Julio M. Silva",
  - accounts: [
      - {
            id: "5416123015035048",
            name: "Banco Santander",
            money: 11
      },
      - {
            id: "5125559597680580",
            name: "Bankia",
            money: 3.3
      }
    ],
    balance: 14.3
}
```

Create a new client (POST)
http://localhost:8080/clients/

Update an existing client (PUT)
http://localhost:8080/clients/

Update an existing client by id (PUT)

localhost:8080/clients/103994433

Delete an existing client by id (DELETE)

localhost:8080/clients/103994433

Bank Accounts

Query all bank accounts

http://localhost:8080/bankaccounts/

```
[
  - {
      id: "5181796580552860",
      name: "BBVA",
      money: -91.4
  },
  - {
      id: "5540259810933901",
      name: "Evo Banco",
      money: 25.2
  },
  - {
      id: "5416123015035048",
      name: "Banco Santander",
      money: 11
  },
  - {
      id: "5125559597680580",
      name: "Bankia",
      money: 3.3
  }
]
```

Query one bank account by id

http://localhost:8080/bankaccounts/5181796580552860

```
{
    id: "5181796580552860",
    name: "BBVA",
    money: -91.4
}
```

Create a new bank account (POST)

http://localhost:8080/bankaccounts/

POST ∨	http://localhost:8080/bankaccounts/

Authorization   Headers (1)   **Body** ●   Pre-request Script   Tests

○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   JSON (application/json) ∨

```
1  {
2      "id": "666666",
3      "name": "BBVA",
4      "money": -91.4
5  }
```

Update an existing bank account (PUT)

http://localhost:8080/bankaccounts/

PUT ∨	http://localhost:8080/bankaccounts/

Authorization   Headers (1)   **Body** ●   Pre-request Script   Tests

○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   JSON (application/json) ∨

```
1  {
2      "id": "666666",
3      "name": "BBBVAA",
4      "money": -91.4
5  }
```

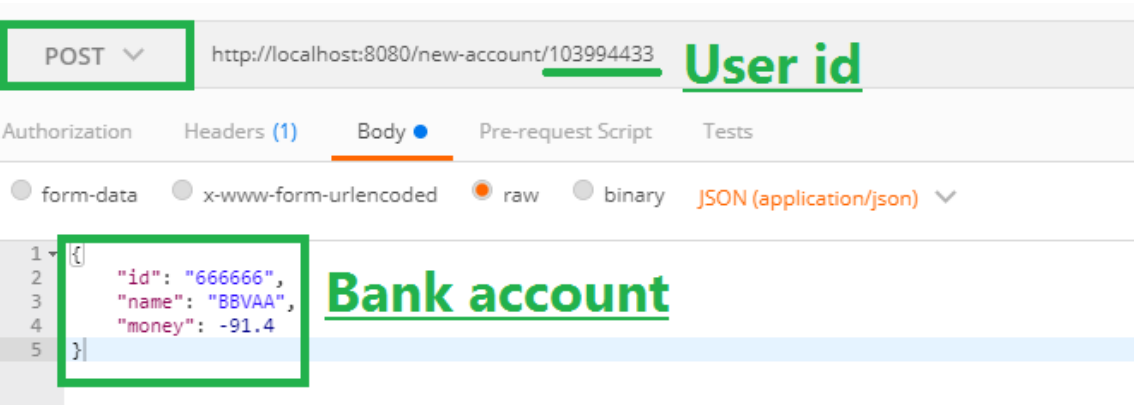## Delete an existing bank account by id (DELETE)

localhost:8080/bankaccounts/103994433

Bank

Create a new account

Using a Post request

http://localhost:8080/new-account-view

Using a web page

http://localhost:8080/new-account-view

And press Create!

Deposit Money

Using a GET request

http://localhost:8080/deposit?id=5416123015035048&amount=234

Banco Santander

Bank account data

ID	Name	Balance
5416123015035048	Banco Santander	713.0

Owners

Name	Id
Julio M. Silva	103994433

Withdraw Money

Using a GET request

http://localhost:8080/withdraw?id=5416123015035048&amount=100

Banco Santander

Bank account data

ID	Name	Balance
5416123015035048	Banco Santander	713.0

Owners

Name	Id
Julio M. Silva	103994433