

Testing ExpressJS using Node

With API data on covid-19 infections and deceased records in the Netherlands.

Set-up the application

- ☒ Set-up Express server
- ☒ Test basic routes (/)
- ☒ Add API data route (/data)
- ☒ Create database connection (SQLite)
- ☒ Test dummy database
- ☐ Add values to dummy database
- ☐ Custom error page (404.html)

getdata.js important part. Return is of type "object"

```
const sqlite3 = require("sqlite3").verbose();
let sql = "SELECT * FROM covidStats";
db.all(sql, [], (err, res) => {
  if (err) {
    console.log(err);
  } else {
    console.log(res);
  }
});
```

result of console.log

```
[
  {
    "id": 0,
    "date": "17-9-2020",
    "province": "Zuid-Holland",
    "infected": 24815,
    "deceased": 1357
  },
  {
    "id": 1,
    "date": "17-9-2020",
    "province": "Noord-Holland",
    "infected": 16580,
    "deceased": 836
  },
  {
    "id": 2,
    "date": "17-9-2020",
    "province": "Noord-Brabant",
```

```
    "infected": 13701,
    "deceased": 1551
  },
  {
    "id": 3,
    "date": "17-9-2020",
    "province": "Gelderland",
    "infected": 8689,
    "deceased": 692
  },
  {
    "id": 4,
    "date": "17-9-2020",
    "province": "Utrecht",
    "infected": 6774,
    "deceased": 437
  }
  .....
]
```