

# Backend: Basic's

## Node JS – Movie CRUD with express

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The following exercise contains the following subjects:

- ◆ Express
- ◆ JSON
- ◆ Postman

### Instructions

Lets create a simple crud application with express.

Similar like we did with the Users crud exercise in module 5, we will be using a json file for our “database”. But now we wont be getting the input from yargs but we will get it from via postman inside the body.

We will be creating a simple movie app.

The user is able to do the following:

Find all Movies,

Create a movie,

Find a single movie,

Update an existing movie,

Delete an existing movie

The movie should contain the following:

A unique id,

A title,

A rating

A genre (can be more than one)

Length of the movie

When creating your own api. You should think of the best way to structure your endpoints. Here is an example of how you should do it in this app.

URL	HTTP Verb	POST Body	Result
<a href="#">/api/movies</a>	GET	empty	Returns all movies
<a href="#">/api/movies</a>	POST	JSON String	New movie Created
<a href="#">/api/movies/:id</a>	GET	empty	Returns single movie
<a href="#">/api/movies/:id</a>	PUT	JSON string	Updates an existing movie
<a href="#">/api/movies/:id</a>	DELETE	empty	Deletes existing movie

I recommend to read online the best practices to structure your own api endpoints. For example [here](#) and [here](#) is a good place to start. For queries and paramters for example [here](#). But I recommend to dive even further.

## **Extra**

Create an endpoint in your api that you can filter the movies from highest rating to lowest rating.

Create an endpoint in your api that you can query movies with a specific genre