

NodeJs/express JS flow

Require express, cors

Create app (Express application). The express() function is a top-level function exported by the express module.

Set corsOptions

app.use →

- cors,
- express.json() : parse requests of content-type - application/json
- express.urlencoded : parse requests of content-type - application/x-www-form-urlencoded

require app/models

require config (mongodb connection url)

require mongoose (nodejs module)

create db object :

- mongoose,
- url(above config url),
- tutorials(model → we define schema, method,
mongoose.Schema, schema.method,
mongoose.model → we are adding the schema to
tutorial.

Mongoose.connect → create a promise for checking that connection(.then, .catch)

Creating simple route App.get

Require routes

Require tutorial controller

Require models(same as above)

Db.tutorials also from model

Define methods for

Create and Save a new Tutorial

- **validate**(from req body, check if title is empty),
- **Create**(use req.body to create new tutorial) and
- **save** tutorial (using save(mongoose) , .then,
.catch → send result,status

Retrieve all Tutorials from the database

findAll → get title (from req.query) and then frame condition

Tutorial.find use condition from above, now with promise send result (.then, .catch)

Find a single Tutorial with an id

findOne method, get id from req, params

Tutorial.findById

Update a Tutorial by the id in the request

Validate req.body for empty

Get the id from params and Tutorial.findByIdAndUpdate

Delete by id, delete all is similar

Find all published Tutorials

Require express.Router()

Create post, get, put, delete, then app.use

Define port and do app.listen at the given port