

Atlas: MongoDB server to host backend

* create a cluster

* connect via Mongo-shell
copy URL and run

on terminal: `mongod` to start MongoDB server
on new terminal: `nodemon app.js`

once we break the connection we have to go to MongoDB Atlas and click "Connect your Application" and copy the SRV address and paste in `app.js`

`mongoose.connect("URL")`

↑
replace <Password> with the password created while creating the cluster

```
mongoose.connect("mongodb+srv://admin-angela:Test-123@cluster0-shuel.mongodb.net/test?retryWrites=true/todolistDB", {useNewUrlParser: true
```

↓
we do not want to add in test Database

now rs in terminal `//restart the server`

Deploying App to Heroku

- ① Installed Heroku CLI
- ② `git init` *on terminal*
`git add.`
`git commit -m "Initial Commit"`
- ③ `heroku login` *on terminal*
- ④ `heroku create` *on terminal*
- ⑤ touch Procfile
- ⑥ open Procfile
in Procfile
`web: node app.js`
- ⑦ `app.listen(process.env.PORT);`
- ⑧ specify version of node

In package.json

```
{
  "name": "todolist-v1",
  "version": "1.0.0",
  "description": "",
  "main": "app.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "author": "",
  "license": "ISC",
  "engines": {
    "node": "4.1.1"
  },
  "dependencies": {
    "body-parser": "^1.18.3",
    "ejs": "^2.6.1",
    "express": "^4.16.3",
    "lodash": "^4.17.11",
    "mongoose": "^5.3.4"
  }
}
```

run `node --version`
and copy that version and
paste it here

- ⑨ touch `.gitignore`
in .gitignore

```
/node_modules
npm-debug.log
.DS_Store
/*.env
```

- ⑩ `git add.`
`git commit -m "Add Files"`
`git push heroku master`