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# JS Akademie

Backend 2

<https://goo.gl/LBtHq9>

Pavel Černocký

The logo consists of the word "ARTIN" in white, uppercase, sans-serif font, centered within an orange square. A thin white vertical line runs through the center of the square, passing between the letters 'T' and 'I'.

ARTIN

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# Dnešní program

- vylepšíme server v node.js (doděláme ostatní operace)
  - vysvětlíme si více o HTTP a REST
  - uložíme data do DB na disk
  - vysvětlíme si callbacky
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# HTTP methods

[https://en.wikipedia.org/wiki/Hypertext\\_Transfer\\_Protocol#Request\\_methods](https://en.wikipedia.org/wiki/Hypertext_Transfer_Protocol#Request_methods)

- GET - query jednoho nebo více záznamů
  - POST - update záznamu
  - PUT - vytvoření záznamu
  - DELETE - smazání záznamu
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# Update na backendu

`npm install --save nedb`

Do package.json přibude:

```
"dependencies": {  
  "nedb": "^1.8.0"  
}
```

<https://github.com/artincz/js-academy/commit/d6d63a9da28d6de3fd3784cdbe8494e14ada1d01>

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# Delete na backendu

<https://github.com/artincz/js-academy/commit/dfed4b4b3d2ea28f3ff352a2be5f61a6c82c7686>

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# HTTP Status kódy

[https://en.wikipedia.org/wiki/List\\_of\\_HTTP\\_status\\_codes](https://en.wikipedia.org/wiki/List_of_HTTP_status_codes)

- 200 - OK
  - 404 - Not found
  - 500 - Internal server error
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# Správne status kódy

<https://github.com/artincz/js-academy/commit/416f75138a7ea02f73396b59208ec1c58a7e66a6>

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# Ukládání do DB

`npm install --save nedb`

Do package.json přibude:

```
"dependencies": {  
  "nedb": "^1.8.0"  
}
```

<https://github.com/artincz/js-academy/commit/e8b7abbae37701e8189970306e21af03b3097e6e>

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