Express

Fast, unopinionated, minimalist
web framework for Node.js

What is Express?

- Routes
- Middleware
- Authentication

```
mkdir contact-book
cd contact-book
npm init
npm install express
```

Installing Express

```
const express = require('express');
const app = express();

app.get('/', (request, result) => {
  result.send('Hey Builders!');
});

app.listen(3000, () => {
    console.log('Running on port 3000');
}):
```

Using Express

```
app.get('/cats', (req, res) => {});

app.get('/cats/oakley', (req, res) => {});

app.get('/dogs', (req, res) => {});

app.get('/dogs/doge', (req, res) => {});

app.get('/guppies', (req, res) => {});
```

What is `app.get`? Is that like `$.get`?

What is `app.get()`? Is that like `$.get()`?

Nope. It's a "Route Handler".

```javascript
app.get('/cats', (req, res) => {});

app.get('/cats/oakley', (req, res) => {});

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app.get('/guppies', (req, res) => {});
```

'GET' Route Handlers

What is a Route?

Think "Virtual Directory on server"

What about POST requests?

Remember the HTTP verbs?

- GET
- POST
- PUT
- DELETE
- …etc

```
app.post('/', (req, res) => {
    console.log('you sent a POST request');
});

app.get('/', (req, res) => {
    console.log('you sent a GET request');
});
```

'POST' Route Handlers

Let's build something!

Follow along with the 'blog' exercise