

Express

Hello world example

This is essentially going to be the simplest Express app you can create. It is a single file app — **not** what you'd get if you use the [Express generator](#), which creates the scaffolding for a full app with numerous JavaScript files, Jade templates, and sub-directories for various purposes.

First create a directory named `myapp`, change to it and run `npm init`. Then install `express` as a dependency, as per the [installation guide](#).

In the `myapp` directory, create a file named `app.js` and add the following code:

```
var express = require('express')
var app = express()

app.get('/', function (req, res) {
  res.send('Hello World!')
})

app.listen(3000, function () {
  console.log('Example app listening on port 3000!')
})
```

The app starts a server and listens on port 3000 for connections. The app responds with “Hello World!” for requests to the root URL (/) or **route**. For every other path, it will respond with a **404 Not Found**.

The `req` (request) and `res` (response) are the exact same objects that Node provides, so you can invoke `req.pipe()`, `req.on('data', callback)`, and anything else you would do without Express involved.

Run the app with the following command:

```
$ node app.js
```

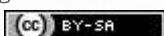
Then, load `http://localhost:3000/` in a browser to see the output.

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