Notebook 3: Using Express.js with Node.js

Express.js can help you set up a server.

# Requirements

* Previous tutorials
* Files from previous tutorials
* Command Prompt
* A code editor
* A web browser

# Using npm to install new packages

1. Open Command Prompt.
2. Use the “cd” command to navigate to the folder your file is in.
3. Use this command to install Express.js:

### npm install express

Once it’s done, you should see a folder called “node\_modules”.

# Importing a module in JavaScript

1. Open your JS file in your code editor.
2. Add this to the start of your code:

### const express = require('express');

# Setting up an Express.js application

1. After the previous line, add this:

### const app = express();

1. Remove the code you added in the last entry to create the server (starting with “const server”).
2. Replace “server.listen” with “app.listen”.

# Handling GET Requests

1. Add this to your code. This is what the user will see when they go to the address.

### app.get('/', (req, res) => {

### res.send('Hello World!');

### });

1. Do something else when the user goes to a different endpoint:

### app.get('/alt, (req, res) => {

### res.send('Different text');

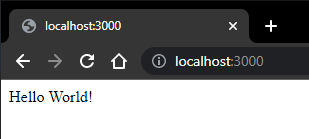
### });

# Starting & testing the server

1. Run your JS file.
2. Go to your web browser.
3. Enter this address:

### http://localhost:3000

This is what you should see:



1. Next, go to this address:

### http://localhost:3000/alt

You should see this instead:

