

# Environment Setup

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# Agenda



**Install Node**

**Install VSCode**

**Configure Prettier**

**Run create-react-app**

**Install**

- React Router
- Flux
- Bootstrap

**Configure Mock API**



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Node.js® is a JavaScript runtime built on **Chrome's V8 JavaScript engine**.

## Download for macOS (x64)

**10.15.0 LTS**

Recommended For Most Users

**11.6.0 Current**

Latest Features

Run at least Node 8.

Need to run multiple versions of Node? Two options:

1. Install Node 8 or newer for this course, then reinstall your old version when you're done.
2. Try nvm on Mac or nvm-windows on Windows.

Version 1.30 is now available! Read about the new features and fixes from November.

# Code editing. Redefined.

Free. Open source. Runs everywhere.

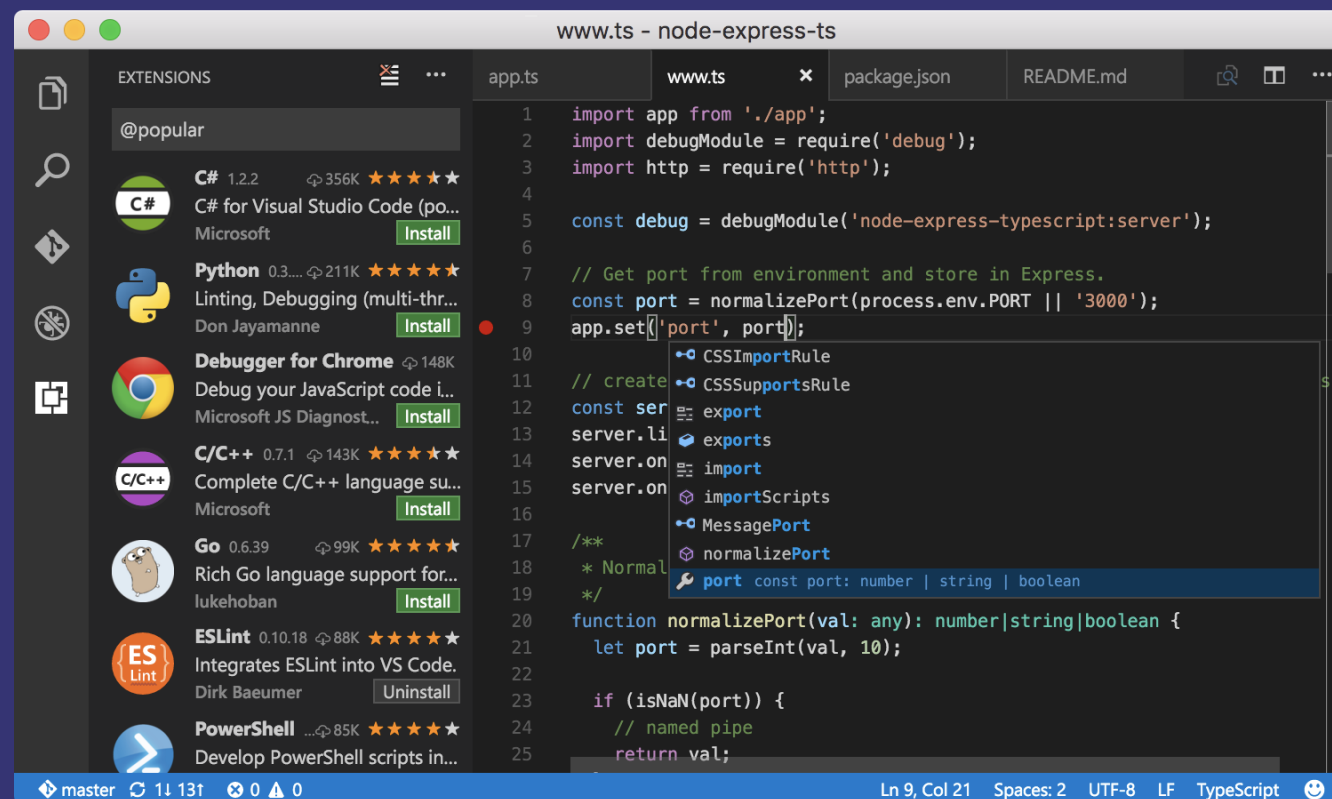
Download for Mac

Stable Build



Other platforms and Insiders Edition

By using VS Code, you agree to its  
license and privacy statement.



IntelliSense



Debugging



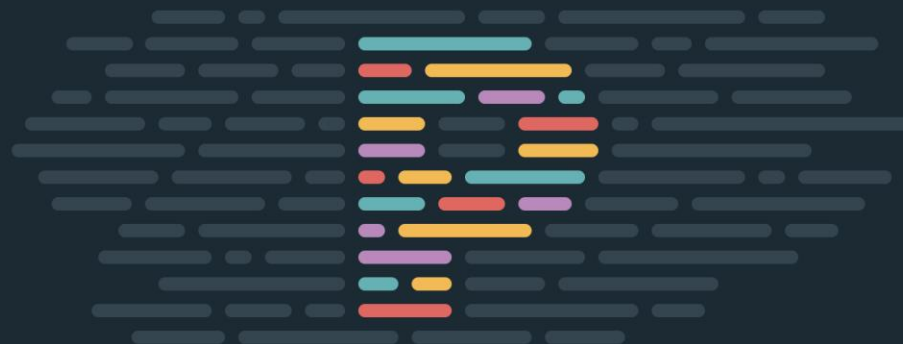
Built-in Git



Extensions

## Other JSX Friendly Editors



[TRY IT OUT](#)[GET STARTED](#)[OPTIONS](#)

## # What is Prettier?

- An opinionated code formatter
- Supports many languages
- Integrates with most editors
- Has few options

## # Why?

- You press save and code is formatted
- No need to discuss style in code review
- Saves you time and energy
- And more

## Works with the Tools You Use



ES2017  
JSX  
Flow  
TypeScript  
JSON



HTML5  
Vue  
Angular



CSS3+  
Less  
SCSS  
styled-components 🍷  
styled-jsx



GraphQL  
GraphQL Schemas



CommonMark  
GitHub Flavored Markdown  
MDX



YAML



Work in Progress  
Elm (via elm-format)  
Java  
PHP  
PostgreSQL  
Python

# ESLint

The pluggable linting utility for JavaScript and JSX

Get Started »

## Welcome

ESLint is an open source project originally created by [Nicholas C. Zakas](#) in June 2013. Its goal is to provide a pluggable linting utility for JavaScript.

## Latest News

- [ESLint v5.11.1 released](#) 26 December 2018

# Demo



Create React app with `create-react-app`





To assure you can follow along,  
use the versions I specify



# Why a Mock API?



Start before the API exists

Independence

Backup plan

Ultra-fast

Test slowness

Aids testing

Point to the real API later

# Demo



## Setup Mock API



# Summary



**App created!**

**Installed**

- Node
- VSCode
- Prettier
- React Router
- Flux
- Bootstrap

**Ran create-react-app**

**Configured Mock API**

**Next up: React Core Concepts**

