

Introduction to VS Code

Key Advantages of Visual Studio Code

Visual Studio Code is a simple, code-centric integrated development environment (IDE).

- Available for Mac, Linux, and Windows
- Key features include debugging, version control with Git, and intelligent code completion
- Supports 36 programming languages and offers customized tools and plug-ins to make your dev environment your own!

Download Visual Studio Code

Go to:

<http://mlhlocal.host/vscode>

Follow the URL and select Download.

Version 1.44 is now available! Read about the new features and fixes

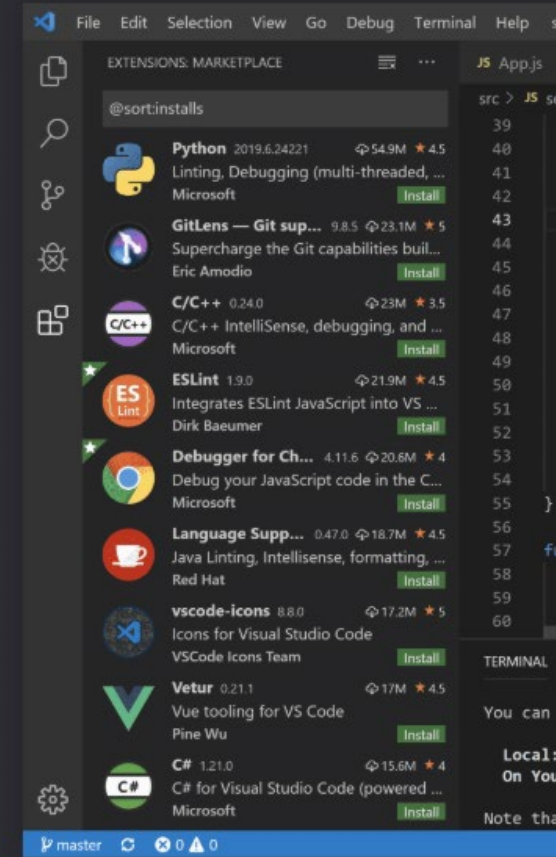
Code editing. Redefined.

Free. Built on open source. Runs everywhere.

Download for Windows
Stable Build

Other platforms and Insiders Edition

By using VS Code, you agree to its
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IntelliSense



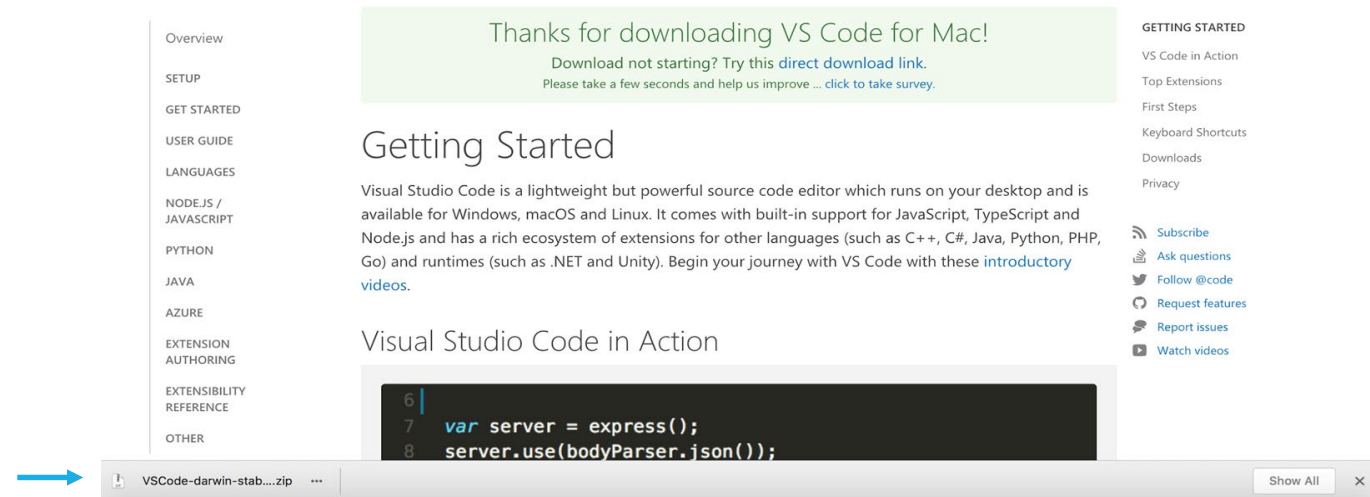
Debugging



Built-in G

Download Visual Studio Code

Open the VSCode .zip file after it has finished downloading to set up Visual Studio Code.



Please Note!

We're going to use Visual Studio Code later in this workshop.

The app that we're going to build is a Node.js app. If you don't already have it, you'll install Node.js in the next few slides.



Introduction to Node.js

Hello, Node.js!

What's Node?

- Node.js is server-side JavaScript allowing us to create applications that send and receive information. You get to use the same language on the front-end and back-end!
- Node.js is designed to quickly deal with multiple tasks (for example, receiving messages, updating databases, processing data) simultaneously.
- It's open-source with thousands of packages available for use!

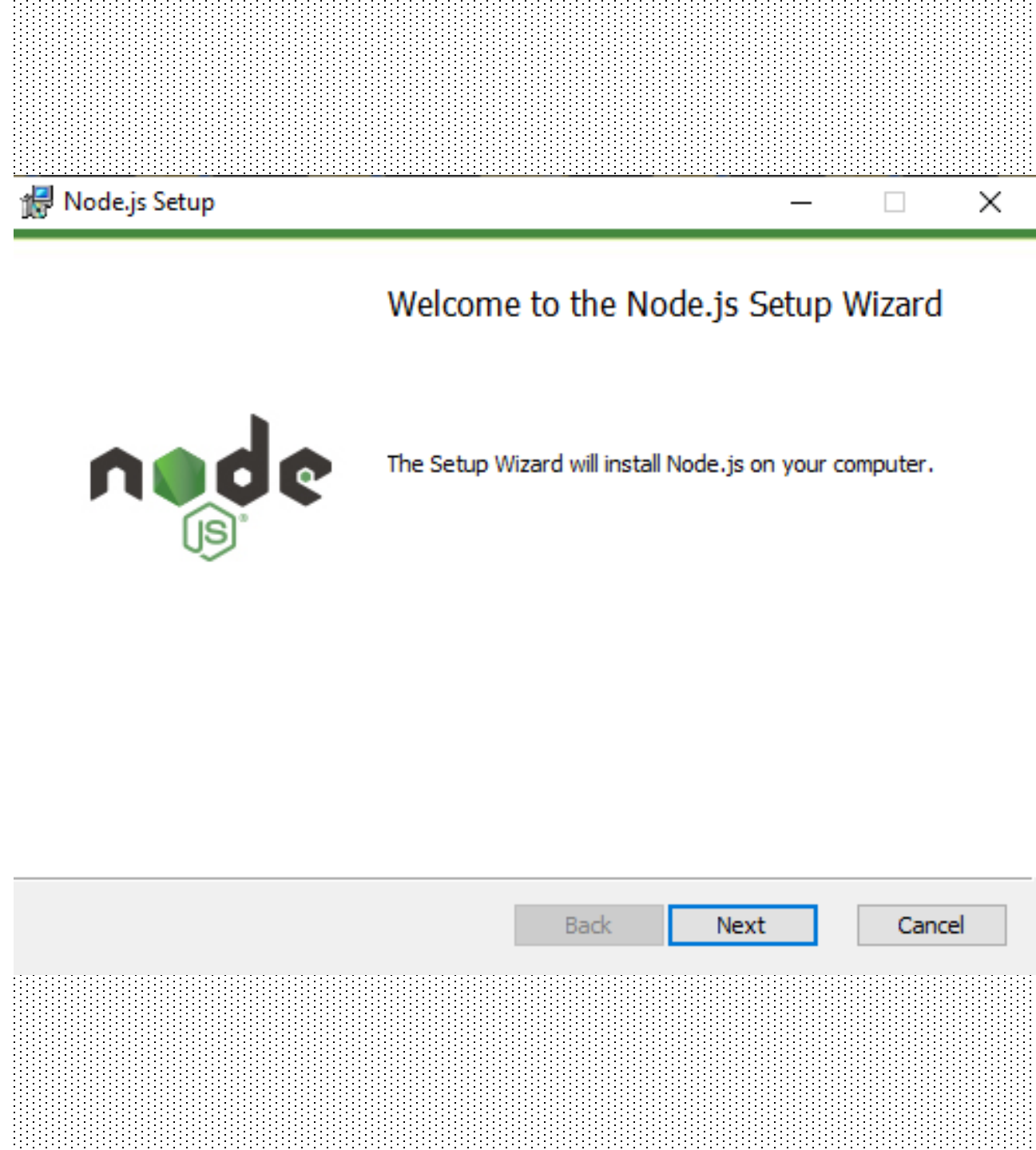
Install Node

Navigate to the URL that suits your computer and follow the installation instructions:

<http://mlhlocal.host/node-mac>

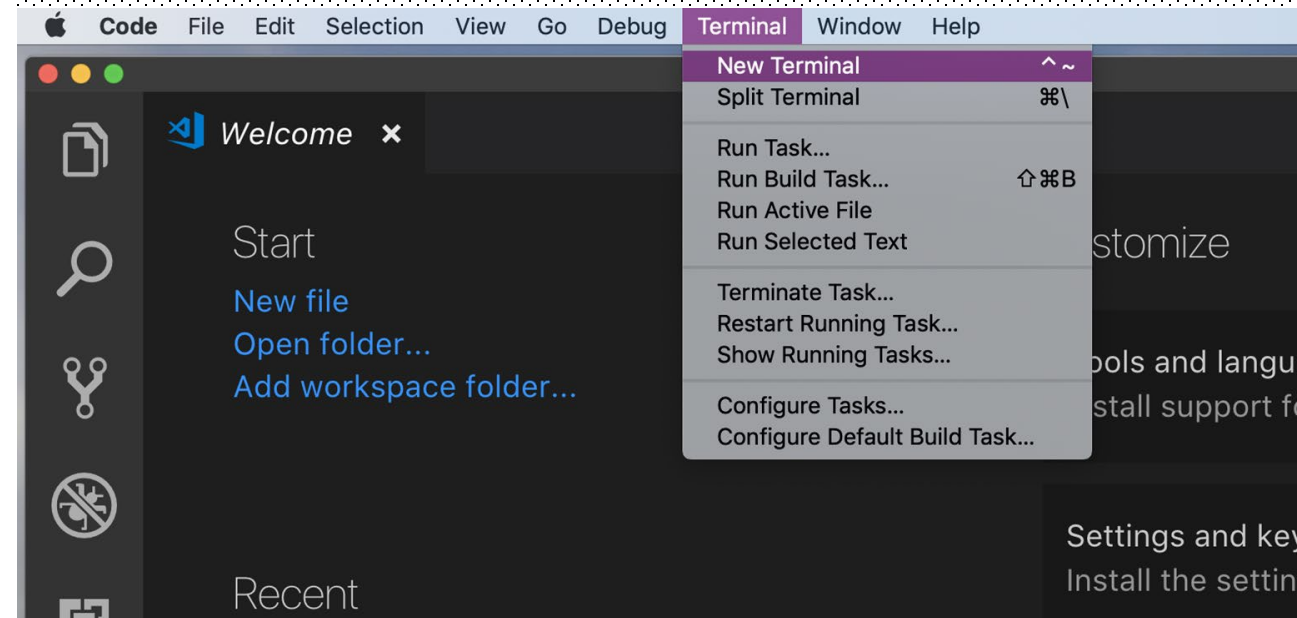
<http://mlhlocal.host/node-pc>

<http://mlhlocal.host/node-linux>



Check Node.js Installation

- Open Visual Studio Code
- Select Terminal -> New Terminal.
- Type 'node --version' in your terminal.



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

@localhost > node --version
v8.11.4
@localhost > █
```