

# Learning Goals

By the end of this video you will be able to...

- Know the difference between a text editor and IDE
- Install VS Code for your operating system
- Customize the setup of VS Code with extensions



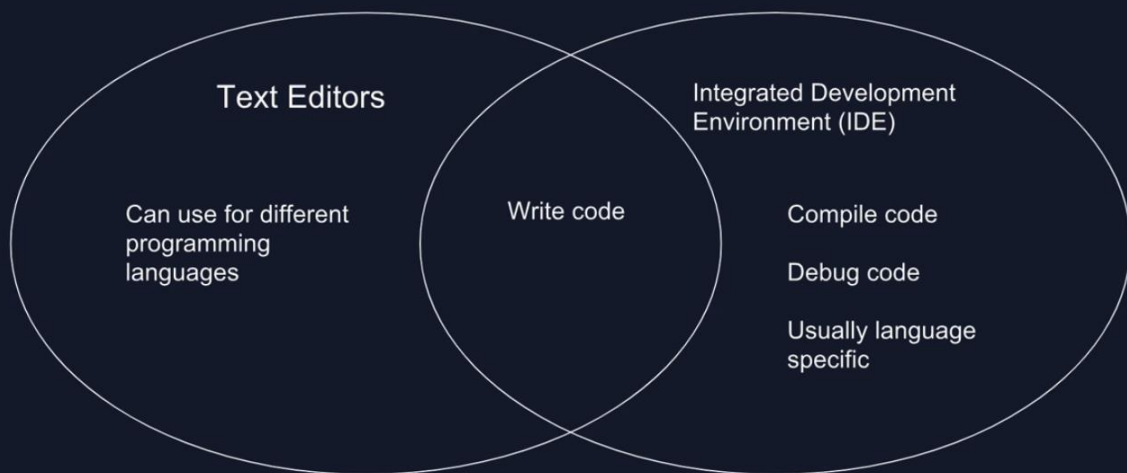
# Learning Goals

By the end of this video you will be able to...

- Install and setup Visual Studio Code
- Use it to view a development folder for a project
- Create files and folders in a project
- Write code in files for a project

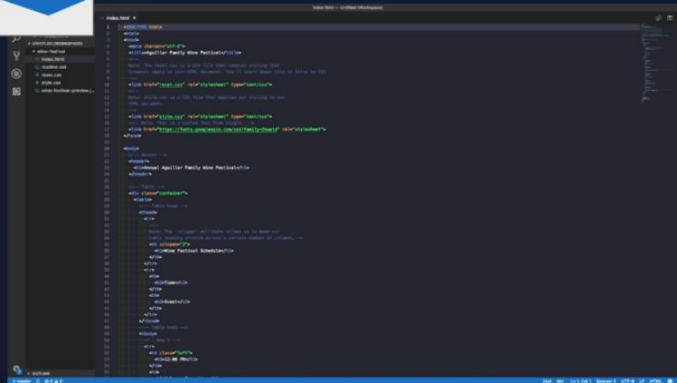


## Text editors vs IDEs




\*Note: Some text editors can have IDE like capabilities by using plug-ins.

## Our suggestion: Visual Studio Code



- Free to use
- Open-source, (meaning a program's code can be viewed, modified, and shared)
- IDE-like features
- Supported by a large community of users and Microsoft

# Download Visual Studio Code

 Visual Studio Code Docs Updates Blog Community Extensions FAQ

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Version 1.27 is now available! Read about the new features and fixes from August.

## Code editing. Redefined.

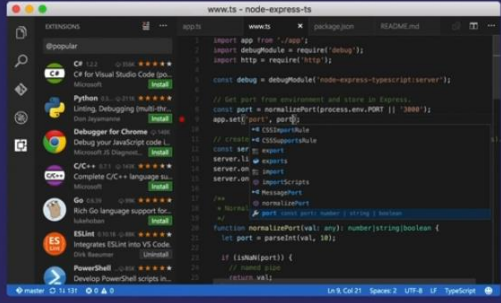
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 IntelliSense


 Debugging

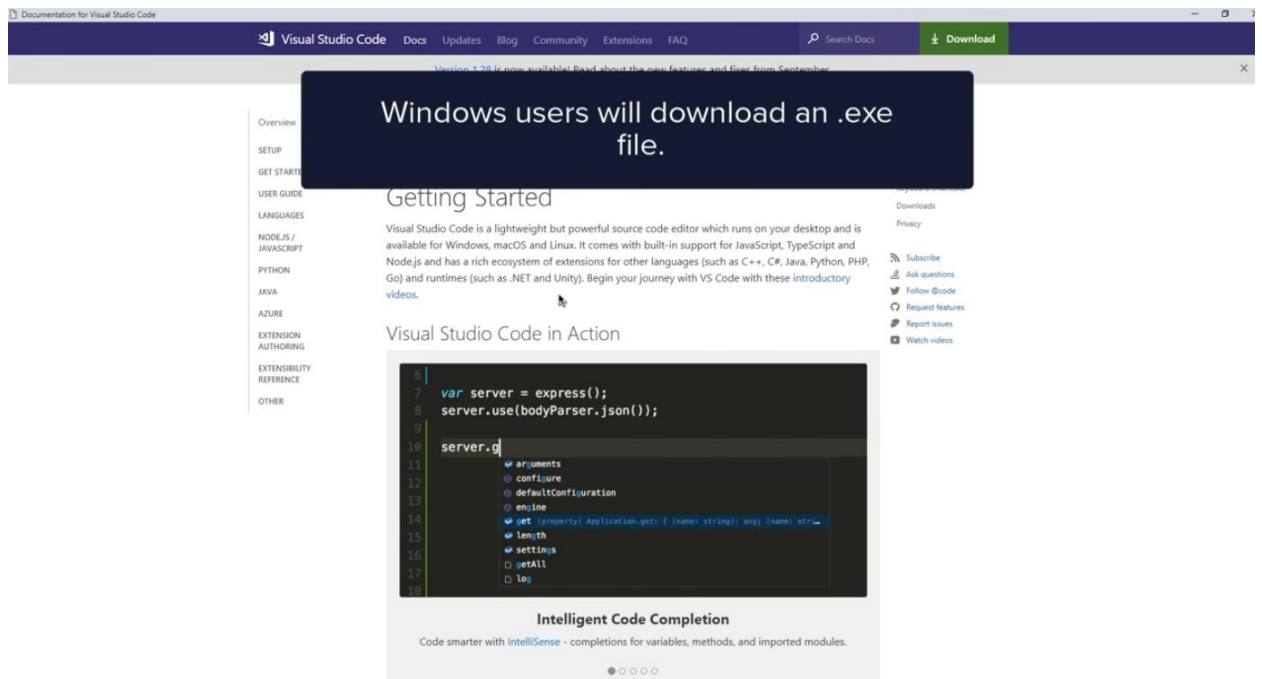
 Built-in Git

 Extensions

**Darren Fuller** @dsfuller  
@code is already my goto editor of choice, now I think it might just be taking another step towards taking over my life

**Valery Melou** @ValeryMelou  
Best editor I've ever used. Super hyper lightweight for what it's able to do. I love it.  
[#HappyCoding](#) via [@code](#)

**Lukas** @Mickbrother  
What's going on with @code? The latest update is awesome! Think it will now become my primary tool for webdevelopment instead of WebStorm :)



# Install Visual Studio Code

# Installing VS Code on Windows:

## Run installer

SETUP

GET STARTED

USER GUIDE

LANGUAGES

NODE.JS / JAVASCRIPT

PYTHON

JAVA

AZURE

EXTENSION

AUTHORING

EXTENSIBILITY

REFERENCE

OTHER

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### Getting Started

Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity). Begin your journey with VS Code with these introductory videos.

### Visual Studio Code in Action

```
6 |
7 | var server = express();
8 | server.use(bodyParser.json());
9 |
10 | server.get('/', function (req, res) {
11 |     // arguments
12 |     // configure
13 |     // defaultConfiguration
14 |     // engine
15 |     // get (property) Application.get: (name: string) any; (name: string) any;
16 |     // length
17 |     // settings
18 |     // getAt
19 |     // log
```

### Intelligent Code Completion

Code smarter with **IntelliSense** - completions for variables, methods, and imported modules.

VS Code in Action

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# Setting up VS Code:

## Extensions and Auto Save

## Go further with Visual Studio Code's features:

- Debugging code in the editor: That's right, you can run and test code from the editor! <https://code.visualstudio.com/docs/editor/debugging>
- Version control: You don't need to switch to the terminal on your computer to track changes with Git. <https://code.visualstudio.com/docs/editor/versioncontrol>
- Integrated terminal: You can run command line commands from inside of Visual Studio Code

## Wrapping up

Installing and using a text editor is part of setting up your local development environment.

- Text editors are different than IDEs.
- Using a text editor to write code has advantages that help us write better code.
- We can customize our text editor to our preferences.