

Visual Studio Code

Shortcuts

- ⌘ + /; comment in/out
- ⌘ + ⇧ + p; command palette
- ⌘ + p; search
- ⌘ + ⇧ + `; Terminal

Settings

Basic Extentions

- Code Runner [Code Runner\(Jun Han\)](#)
- REST Client [REST Client\(Huachao Mao\)](#)
- Vim [Vim\(vscodevim\)](#)

JAVA(SPRING FRAMEWORK)

1. Install JDK
2. Install VS Code Extentions
 - Java Extension Pack [Extension Pack for Java\(Microsoft\)](#);
 - [Language Support for Java™ by Red Hat\(Red Hat\)](#)
 - [Debugger for Java\(Microsoft\)](#)
 - [Test Runner for Java\(Microsoft\)](#)
 - [Maven for Java\(Microsoft\)](#)
 - [Project Manager for Java\(Microsoft\)](#)
 - [Visual Studio IntelliCode\(Microsoft\)](#)
 - Visual Studio IntelliCode, Language Support for Java, Debugger for Java, Maven for Java, Java Test Runner, Project Manager for Java
 - Lombok Annotations Support for VS Code [Lombok Annotations Support for VS Code\(Gabriel Basilio Brito\)](#)
 - Gradle Extension Pack [Gradle Extension Pack\(Richard Willis\)](#)
 - [Gradle Extension Pack\(Richard Willis\)](#)
 - [Gradle for Java\(Microsoft\)](#)
 - ; Gradle Language Support, Gradle for Java
 - [Spring Boot Extension Pack\(Pivotal\)](#)
 - [Spring Boot Tools\(Pivotal\)](#)
 - [Spring Initializr Java Support\(Microsoft\)](#)
 - [Spring Boot Dashboard\(Microsoft\)](#)
 - Tomcat??
 - Checkstyle for Java??
 - Java-Dependency-Viewer??
 - Java IDE??
 - Spring Initializr Java Support??

- [Spring Boot Tools??](#)
- [Sprint Boot Dashboard???](#)
- [Debugger for Java \(Microsoft\)](#) Debugger for Java
- [Extension Pack for Java \(Microsoft\)](#) Extension Pack for Java
- [Language Support for Java\(TM\) by Red Hat \(Red Hat\)](#) Language support for Java [™] for Visual Studio Code
- [Maven for Java \(Microsoft\)](#) Maven for Java
- [Project Manager for Java \(Microsoft\)](#) Project Manager for Java
- [Test Runner for Java \(Microsoft\)](#) Test Runner for Java

NODE.JS

1. Install Node.js
2. Install VS Code Extentions
 - [Node.js Extension Pack \(Wade Anderson\)](#)
 - [npm \(Microsoft\)](#)
 - [npm Intellisense \(Christian Kohler\)](#)
 - [Path Intellisense \(Christian Kohler\)](#)
 - [Search node_modules \(Jason Nutter\)](#)

JavaScript

- CodeRunner, Live Server
- Run; F5, Ctrl + F5, Ctrl + Alt + N (CodeRunner)
- Live Server;
 - Open with Live Server; Alt + L, Alt + O
 - Stop Live Server; Alt + L, Alt + C
- [ESLint \(Dirk Baeumer\)](#) VS Code ESLint extension
- [Turbo Console Log \(ChakrounAnas\)](#)
- [Disable eslint rule \(WoodHead\)](#)
- [JavaScript \(ES6\) code snippets \(charalampos karypidis\)](#)
- [vscode-js-import \(wangtao0101\)](#)

TypeScript

- Run with Live Server; CTRL + ALT + N
- Run with F5; .vscode
 - launch.json

```
{
  "version": "0.2.0",
  "configurations": [
    {
      "type": "node",
      "request": "launch",
      "name": "Launch Program",
      "program":
        "${workspaceFolder}/typescript/out/hello.js",
```

```

        "outFiles": ["${workspaceFolder}/**/*.js"]
      }
    ]
  }
}

```

- tasks.json; Start ts-watch, CTRL + SHIFT + B

```

{
  "version": "2.0.0",
  "tasks": [
    {
      "type": "typescript",
      "tsconfig": "tsconfig.json",
      "option": "watch",
      "problemMatcher": [
        "$tsc-watch"
      ],
      "group": "build"
    }
  ]
}

```

- Run with nodemon (live compile environment);

```

$ npm install ts-node --save-dev
$ npm install nodemon --save-dev

```

- package.json

```

{
  "name": "typescript",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "start": "npm run build:live",
    "build": "tsc -p .",
    "build:live": "nodemon --watch '*.ts' --exec 'ts-node'
hello.ts",
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "devDependencies": {
    "nodemon": "^2.0.20",
    "ts-node": "^9.1.1",
    "typescript": "^4.2.4"
  }
}

```

- [Comments in Typescript \(s.albert\)](#)
- [json2ts \(Gregor Biswanger\)](#)
- [Move TS - Move TypeScript files and update \(tnrich\)](#)
- [TSLint \(Microsoft\)](#)
- [TypeScript Extension Pack \(Loiane Groner\)](#)
- [TypeScript Hero \(Christoph Bühler\)](#)
- [TypeScript Importer \(pmneo\)](#)
- [TypeScript Toolbox \(DSKWRK\)](#)

Vue.js

- [Vetur \(Pine Wu\)](#)
- [Vue VS Code Extension Pack \(sarah.drasner\)](#)
- [Vue VSCode Snippets \(sarah.drasner\)](#) [Vue VSCode Snippets](#)

React.js

- [React Native Tools \(Microsoft\)](#) [React Native Tools](#)

PYTHON

- [Python - Microsoft](#) [Python extension for Visual Studio Code](#)
- [Pylint - Microsoft](#) [Pylint extension for Visual Studio Code](#)
- [Python Type Hint - njqdev](#) [Python Type Hint](#)
- [Python Extended - Taiwo Kareem](#) [Python Extended](#)

ESP32

- [Espressif IDF \(Espressif Systems\)](#) [ESP-IDF VS Code Extension](#)

ARDUINO

- [Arduino \(Microsoft\)](#) [Visual Studio Code extension for Arduino](#)

C/C++

- [Better C++ Syntax \(Jeff Hykin\)](#)
- [C/C++ \(Microsoft\)](#) [C/C++ for Visual Studio Code](#)
- [C/C++ Extension Pack \(Microsoft\)](#) [C/C++ Extension Pack](#)
- [C/C++ Themes \(Microsoft\)](#) [C/C++ Extension UI Themes](#)
- [CMake \(twxs\)](#) [CMake For VisualStudio Code](#)
- [CMake Tools \(Microsoft\)](#) [CMake Tools](#)

Themes

- **Material Icon Theme (Philipp Kief)** **Material Icon Theme**
- **Palenight Theme (Olaolu Olawuyi)**
- **Community Material Theme (Equinusocio)**
- **Night Owl Theme (AncientLord)**

Other Extensions

- **C# (Microsoft)** C# for Visual Studio Code (powered by OmniSharp)
- **Doxygen Documentation Generator (Christoph Schlosser)** Generate Doxygen Comments in VS Code
- **DokuWiki (Etienne Faisant)** DokuWiki README
- **Excel Viewer (GrapeCity)** Excel Viewer
- **GitHub Pull Requests and Issues (GitHub)**
- **GitLens - Git supercharged (GitKraken)**
- **Korean Language Pack for Visual Studio Code (Microsoft)** VS Code용 한국어 팩
- **Live Share (Microsoft)** Microsoft Visual Studio Live Share
- **Live Share Audio (Microsoft)** Visual Studio Live Share Audio
- **Markdown Preview Enhanced (Yiyi Wang)** **Markdown All in One (Yu Zhang)**
- **??Remote - Containers (Microsoft)**
- **Remote - SSH (Microsoft)** Visual Studio Code Remote - SSH
- **Remote - SSH:Editing Configuration Files (Microsoft)** Visual Studio Code Remote - SSH: Editing Configuration Files
- **Remote - WSL (Microsoft)** **WSL (Microsoft)** Visual Studio Code WSL
- **Remote Development (Microsoft)** Visual Studio Code Remote Development Extension Pack
- **??SVG Viewer (cssho)**
- **??Visual Studio Codespaces (Microsoft)**
- **Visual Studio IntelliCode (Microsoft)** **IntelliCode (Microsoft)** Visual Studio IntelliCode
- **REST Client (Huachao Mao)** REST Client
- **[Deprecated] Debugger for Chrome (Microsoft)**

- **Auto Close Tag (Jun Han)**
- **Auto Rename Tag (Jun Han)**
- **Bookmarks (Alessandro Fragnani)**
- **Document This (oouo-diogo-perdigao)**
- **ESLint**
- **Formatting Toggle (tombonnike)**
- **Git History (Don Jayamanne)**
- **Highlight Matching Tag (vincaslt)**
- **HTML CSS Support (ecmel)**
- **IntelliCode**
- **jumpy (wmaurer)**
- **Prettier - Code formatter (Prettier)**
- **Sass (Syler)**
- **Source maps navigator (Vladimir Kotikov)**
- **Todo Tree (Gruntfuggly)**

- Vetur

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