Visual Studio Code Extensions

This document provides information about various Visual Studio Code extensions.

1. IntelliCode

Visual Studio IntelliCode is an extension that brings AI assistance directly into your personal development flow. It enhances software development using artificial intelligence, for instance by delivering context-aware code completions.

Features

IntelliCode offers features such as whole-line autocompletions, time-saving recommendations, refactoring with ease, repeated edits, and quick actions. It also supports multiple languages such as C#, C++, Java, SQL, XAML, TypeScript/JavaScript, and Python.

Ease of Use

IntelliCode is available through the main installer in Visual Studio and as an extension for Visual Studio Code. It is easy to install and use.

Accuracy

IntelliCode helps you drive accuracy and consistency with code completion that can fill in a whole line at once. The AI detects your code context—including variable names, functions, and the type of code you're writing—to give you the best suggestions.

Cost

IntelliCode is free to use.

2. Tabnine

Tabnine is an AI code completion assistant that is trusted by millions of developers to amplify coding accuracy and boost productivity. It suggests code completions in all the most popular coding languages and all your favorite IDEs.

Features

Tabnine offers features such as whole-line autocompletions, full-function completions, and natural language to code completions. It supports multiple languages including Python, Javascript, Java, C / C++ / C#, React, PHP, Go,

Ruby, Objective C, Rust, Swift, Typescript, Haskell, ML, F#, Scala, Kotlin, Perl, SQL, Shell, JSON, YAML, TOML, HTML, CSS, Julia, Markdown, Lua, Dart and Vue.

Ease of Use

Tabnine is easy to install and use as an extension for Visual Studio Code.

Accuracy

Tabnine uses multiple language-specialized machine learning models that were pre-trained from the ground up on code to provide accurate and context-aware code completions.

Popularity

Tabnine has received positive reviews with an average rating of 4.1 out of 5 stars on G2.

Cost

Tabnine offers both a free basic plan and a paid Pro plan with additional features such as whole line completions and natural language to code completions.

3. GitHub Copilot

GitHub Copilot is an AI pair programmer tool that helps you write code faster and smarter. You can use the Copilot extension in VS Code to generate code, learn from the code it generates, and even configure your editor.

Features

GitHub Copilot provides suggestions for numerous languages and a wide variety of frameworks, and it works especially well for Python, JavaScript, TypeScript, Ruby, Go, C# and C++. It offers features such as inline suggestions, chat view, and inline chat.

Ease of Use

GitHub Copilot is easy to install and use as an extension for Visual Studio Code.

Accuracy

GitHub Copilot uses AI to provide accurate and context-aware code completions.

Cost

GitHub Copilot offers a one-time 30-day free trial. After the free trial, you will need a paid subscription for continued use. It is free to use for verified students, teachers, and maintainers of popular open source projects.

4. Code Attendant

Ponicode is an AI-powered extension pack that generates unit tests for you. It helps you create, visualize, and run unit tests for your functions quickly and easily, thanks to ML-generated test scenarios and an intuitive graphical interface. The VS Code extension supports Javascript, Typescript & Python, while the IntelliJ extension supports JAVA.

It is a French startup crafting a platform for developers to improve their code quality through unit test acceleration. Ponicode extensions allow you to create unit test files in just a few clicks thanks to the power of AI.

5. VSCode-OpenAI

The VSCode-OpenAI extension is a powerful and versatile tool designed to integrate OpenAI features seamlessly into your code editor. By leveraging this extension, you can obtain instant answers to your questions without the need to switch between multiple applications, allowing you to maintain focus on your coding environment.

It is a free vscode extension that provides advanced features and technology to developers of all levels. Its features include bug-finding, optimization, explanation, commenting, and design pattern suggestion, which can help you write better code more quickly.