为VS Code增加新的语文持

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Agenda

• Create a Language Extension.

• Language Server Protocol.



5583 Results

Showing:

Programming Languages ~

Sort By: Installs v



Python

± 44.5M Microsoft

IntelliSense (Pylance), Linting, Debugging (multi-threaded, remote), Jupyter Notebooks,...





Jupyter

Microsoft

Jupyter notebook support, interactive programming and computing that supports...

FREE

± 24.6M



C/C++

Microsoft

± 24.6M

C/C++ IntelliSense. debugging, and code browsing.

FREE



Pylance

Microsoft

± 17.3M

A performant, feature-rich language server for Python in VS Code

*** FREE



ESLint

Dirk Baeumer

±17M

FREE

Integrates ESLint JavaScript into VS Code.



C# for Visual Studio Code (powered by OmniSharp).

FREE



Language Support for Red Hat ± 12.5M

Java Linting, Intellisense, formatting, refactoring, Maven/Gradle support and...



FREE



Docker

Microsoft

± 11.4M

Makes it easy to create, manage, and debug containerized applications.



FREE



Debugger for Java

Microsoft

± 10.9M

A lightweight Java debugger for Visual Studio Code



FREE



Mayen for Java

Microsoft

± 10.5M

Manage Maven projects, execute goals, generate project from archetype,...

FREE



Extension Pack for Jav

Microsoft

± 9.9M

Popular extensions for Java development that provides Java IntelliSense, debugging...



FREE



Code Runner

Jun Han

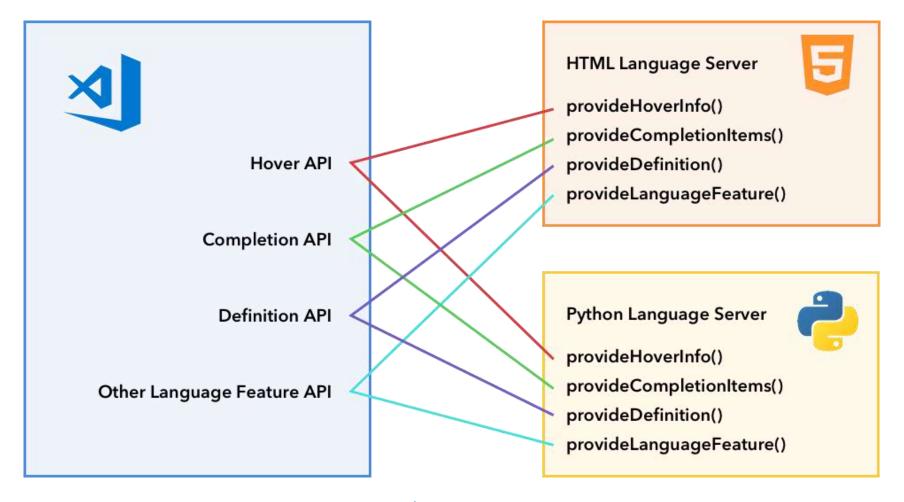
±9.7M

Run C, C++, Java, JS, PHP, Python, Perl, Ruby, Go, Lua, Groovy, PowerShell, CMD,...



FREE

Language Features

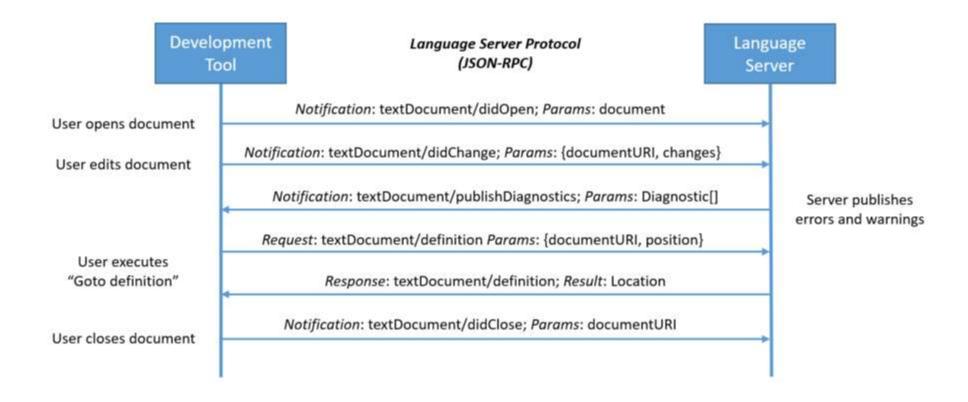


<u>Programming Language Features | Visual Studio Code Extension API</u>

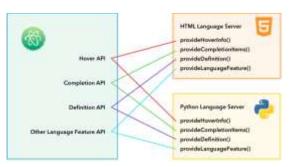
Demo

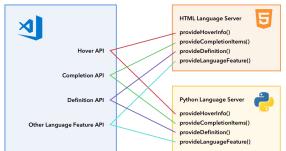
Language Server Protocol

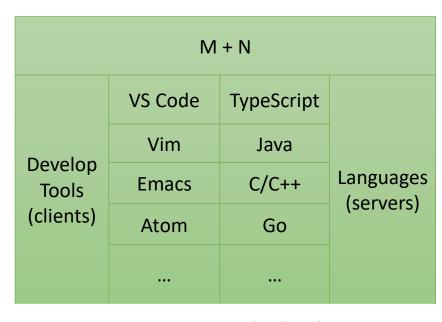
What, Why, How

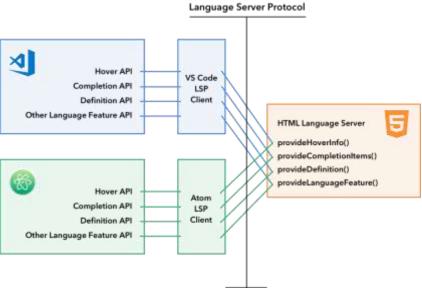


M×N		Languages				
		TypeScript	Java	C/C++	Go	•••
Develop Tools	VS Code					
	Vim					
	Emacs					
	Atom					









Useful Links

- Language Extension
 - Language Extensions Overview | Visual Studio Code Extension API
 - Syntax Highlight Guide | Visual Studio Code Extension API
- Language Server Protocol
 - Specification (microsoft.github.io)
 - Language Servers (microsoft.github.io)
 - 语言服务器协议概述 Visual Studio (Windows) | Microsoft Docs