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Get Started with Python
Setting up your development environment
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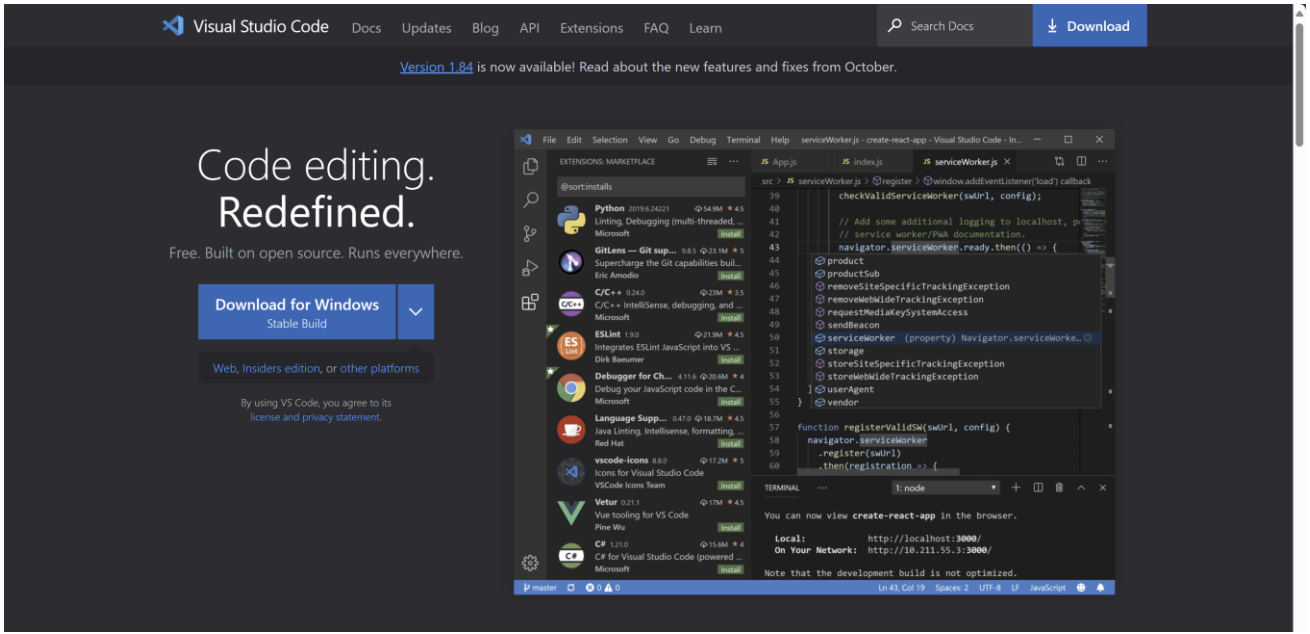
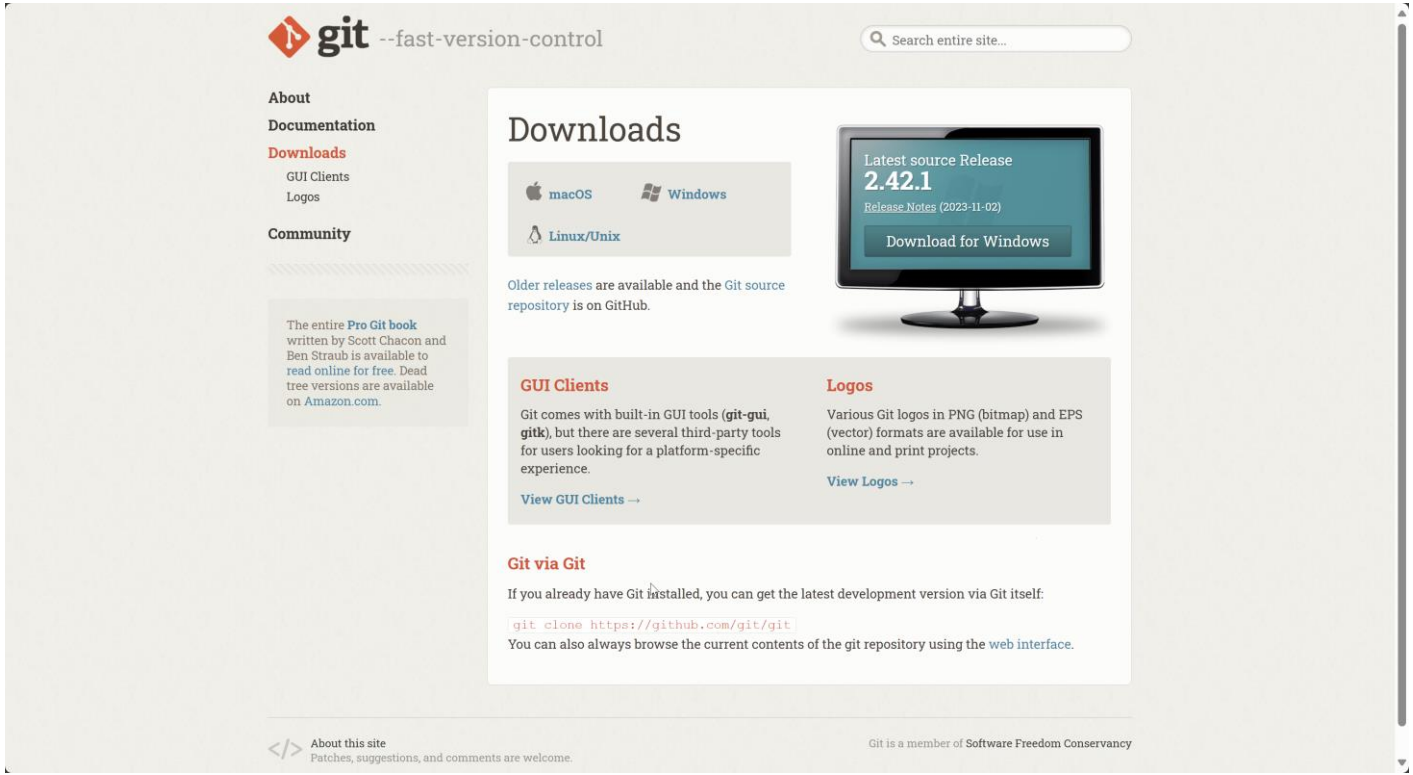
Visual Studio Code

https://code.visualstudio.com



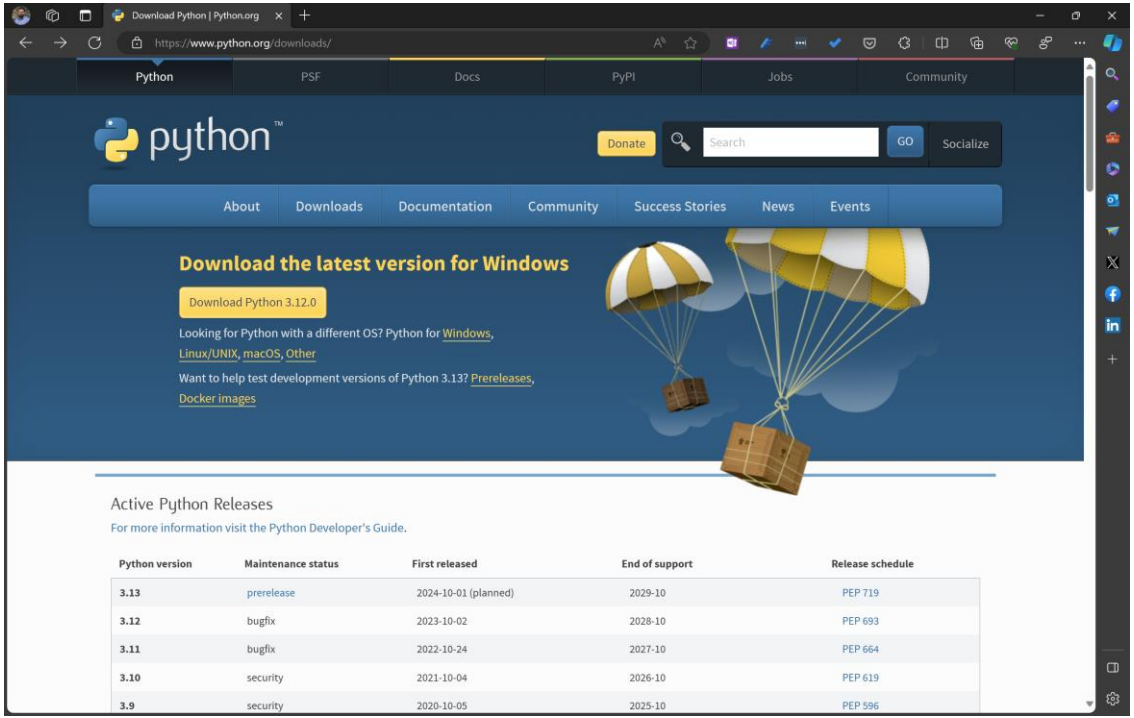
Git

https://git-scm.com/downloads

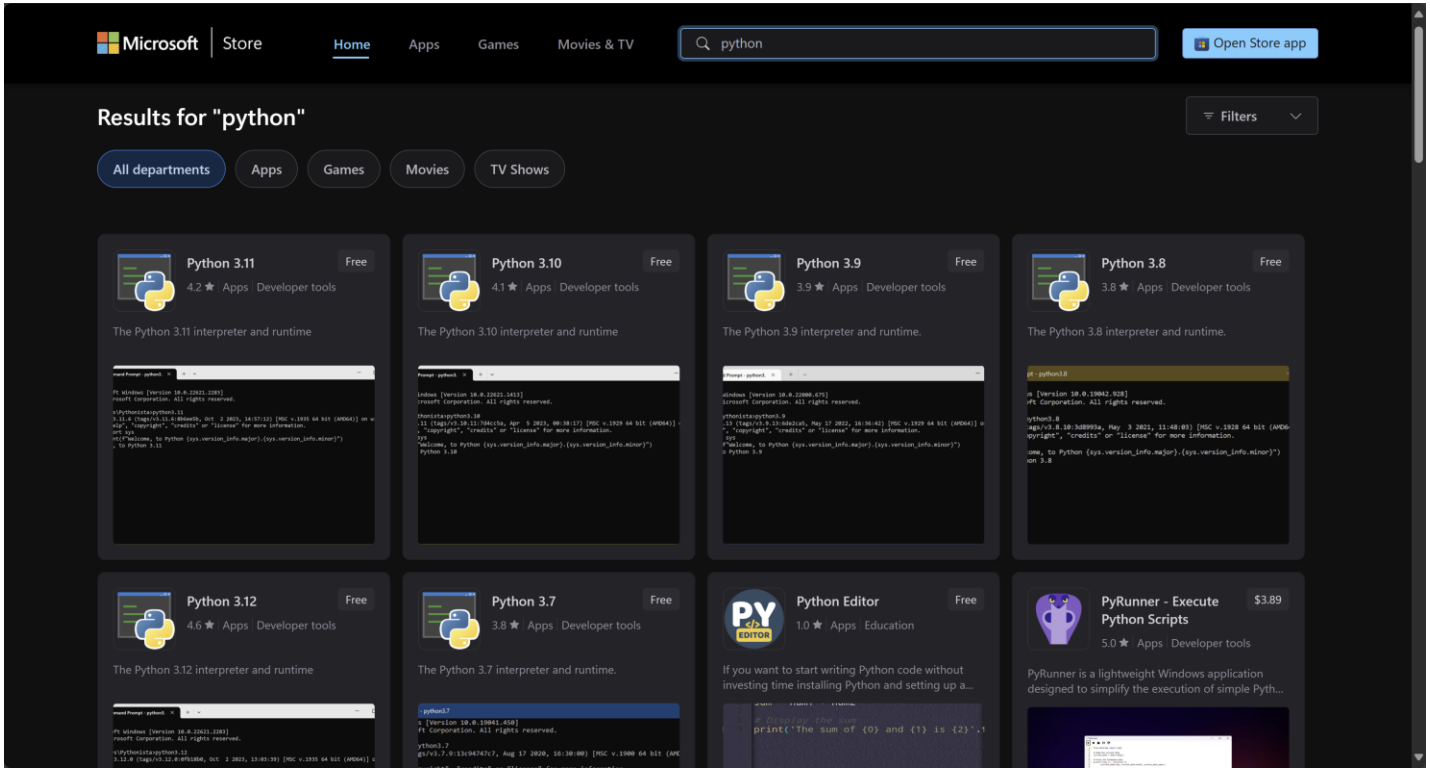


Get Python

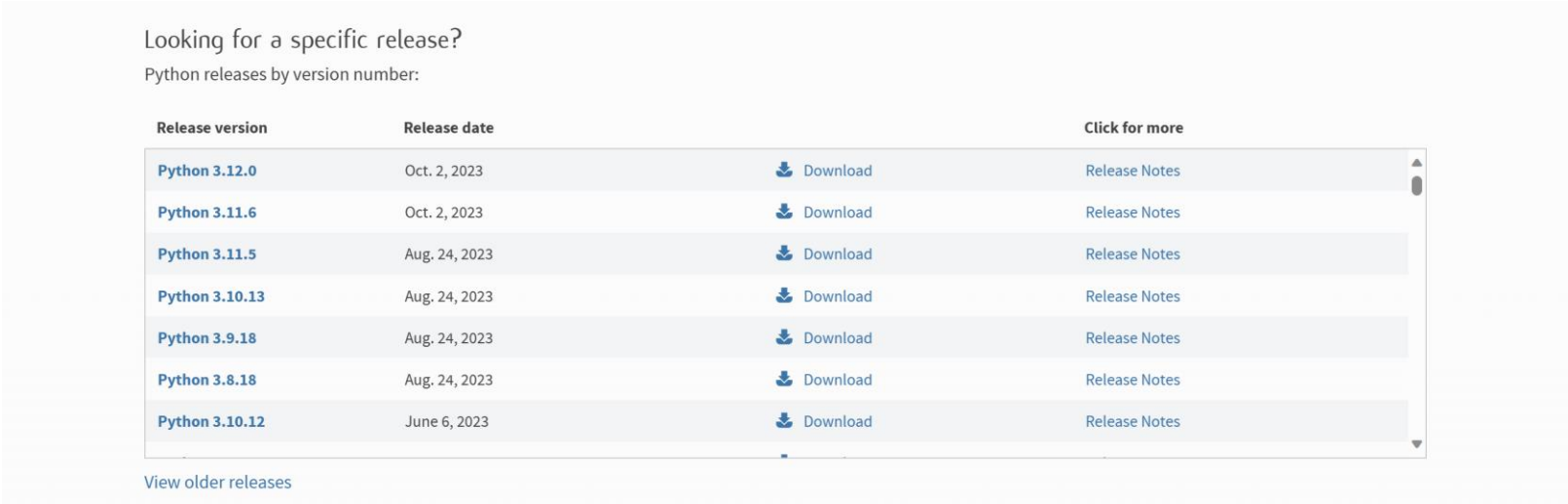
https://www.python.org/downloads/



Python in the Microsoft Store



What is a Python version?



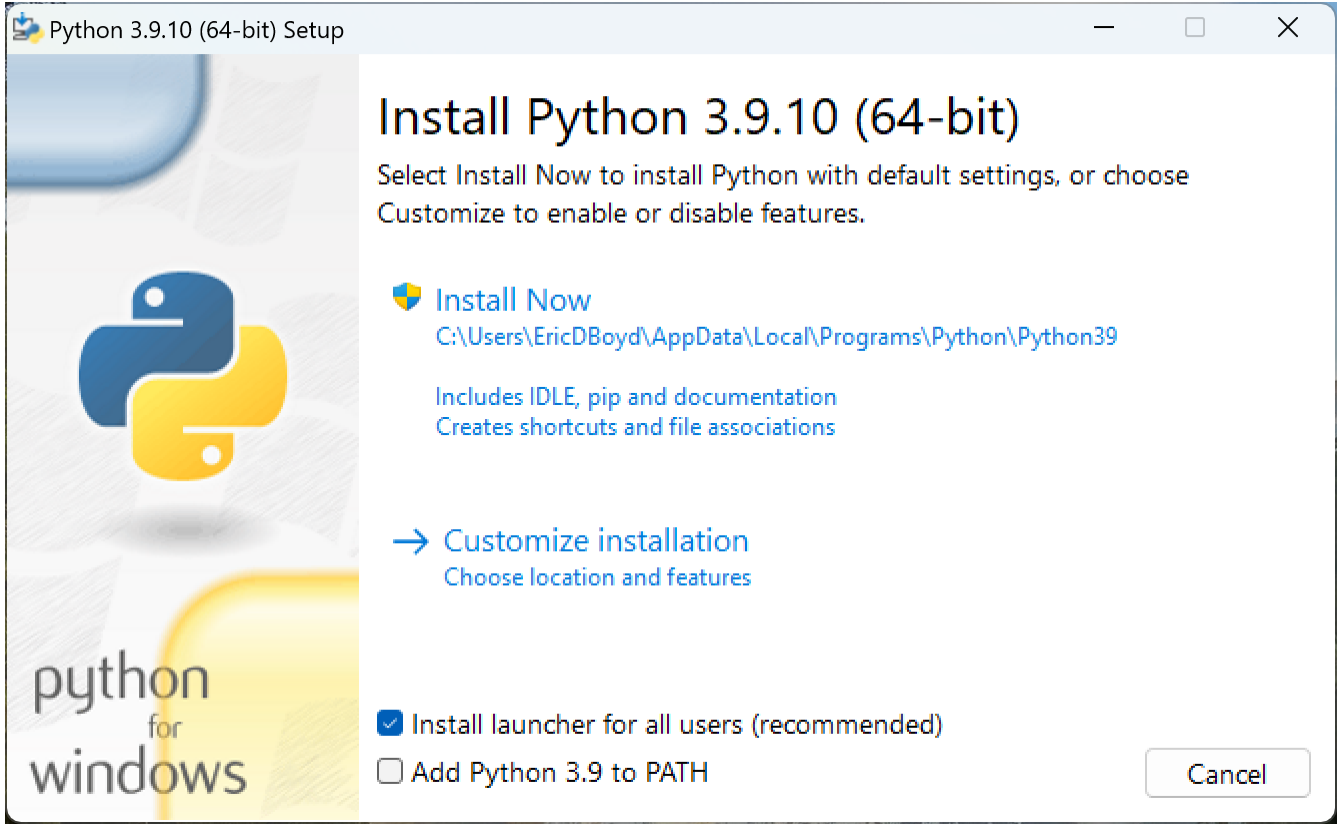
Looking for a specific release?

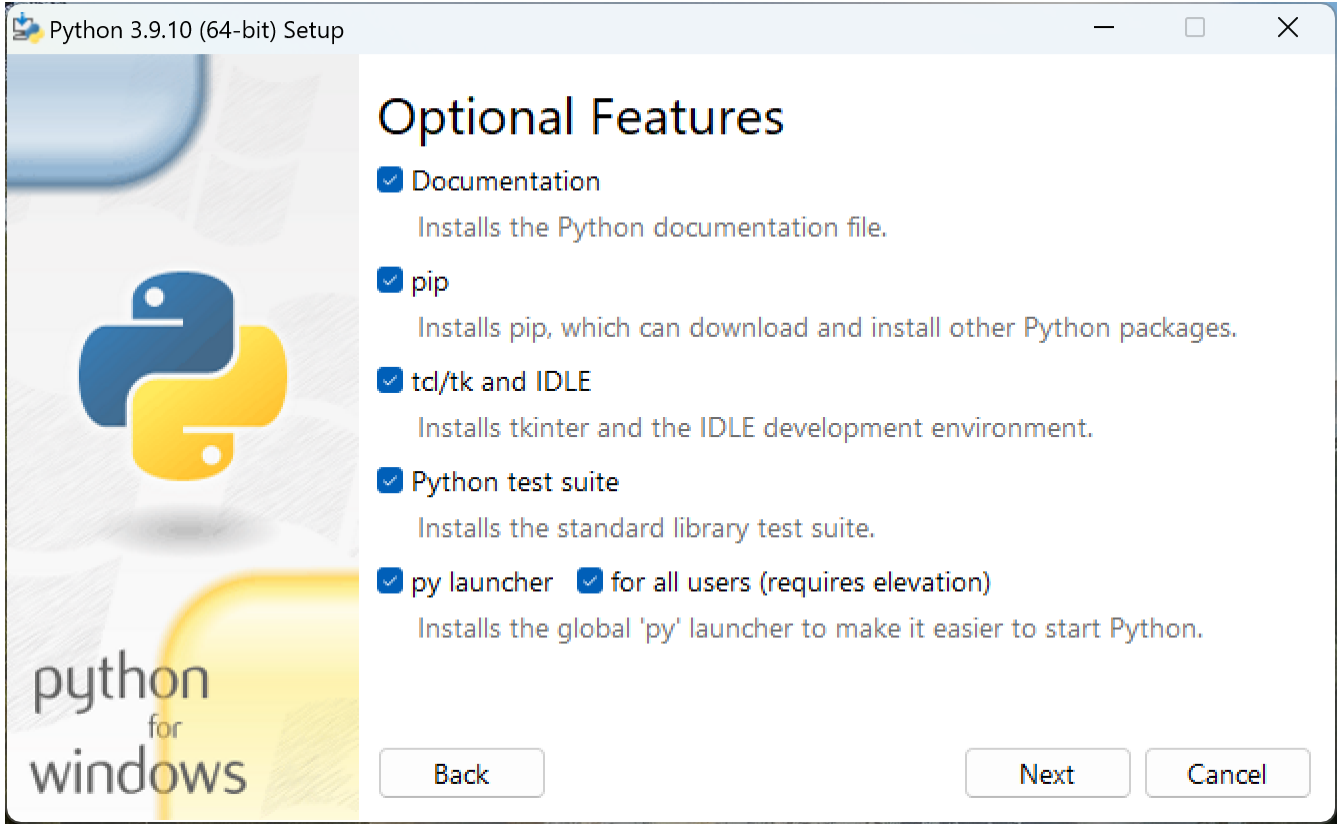
Python releases by version number:

Release version	Release date		Click for more
Python 3.12.0	Oct. 2, 2023	Download	Release Notes
Python 3.11.6	Oct. 2, 2023	Download	Release Notes
Python 3.11.5	Aug. 24, 2023	Download	Release Notes
Python 3.10.13	Aug. 24, 2023	Download	Release Notes
Python 3.9.18	Aug. 24, 2023	Download	Release Notes
Python 3.8.18	Aug. 24, 2023	Download	Release Notes
Python 3.10.12	June 6, 2023	Download	Release Notes

View older releases

The Python core team releases minor versions of Python also known as “feature releases” currently at a pace of once a year.


Python 3.9.10 (64-bit) Setup
Install Python 3.9.10 (64-bit)
Select Install Now to install Python with default settings, or choose
Customize to enable or disable features.
Install Now
C:\Users\EricDBoyd\AppData\Local\Programs\Python\Python39
Includes IDLE, pip and documentation
Creates shortcuts and file associations
Customize installation
Choose location and features
python
for
windows
Install launcher for all users (recommended)
Add Python 3.9 to PATH
Cancel


Python 3.9.10 (64-bit) Setup
Optional Features
Documentation
Installs the Python documentation file.
pip
Installs pip, which can download and install other Python packages.
tcl/tk and IDLE
Installs tkinter and the IDLE development environment.
Python test suite
Installs the standard library test suite.
py launcher
for all users (requires elevation)
Installs the global 'py' launcher to make it easier to start Python.
python
for
windows
Back
Next
Cancel

Python 3.9.10 (64-bit) Setup
Install Python 3.9.10 (64-bit)
Select Install Now to install Python with default settings, or choose
Customize to enable or disable features.
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C:\Users\EricDBoyd\AppData\Local\Programs\Python\Python39
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python
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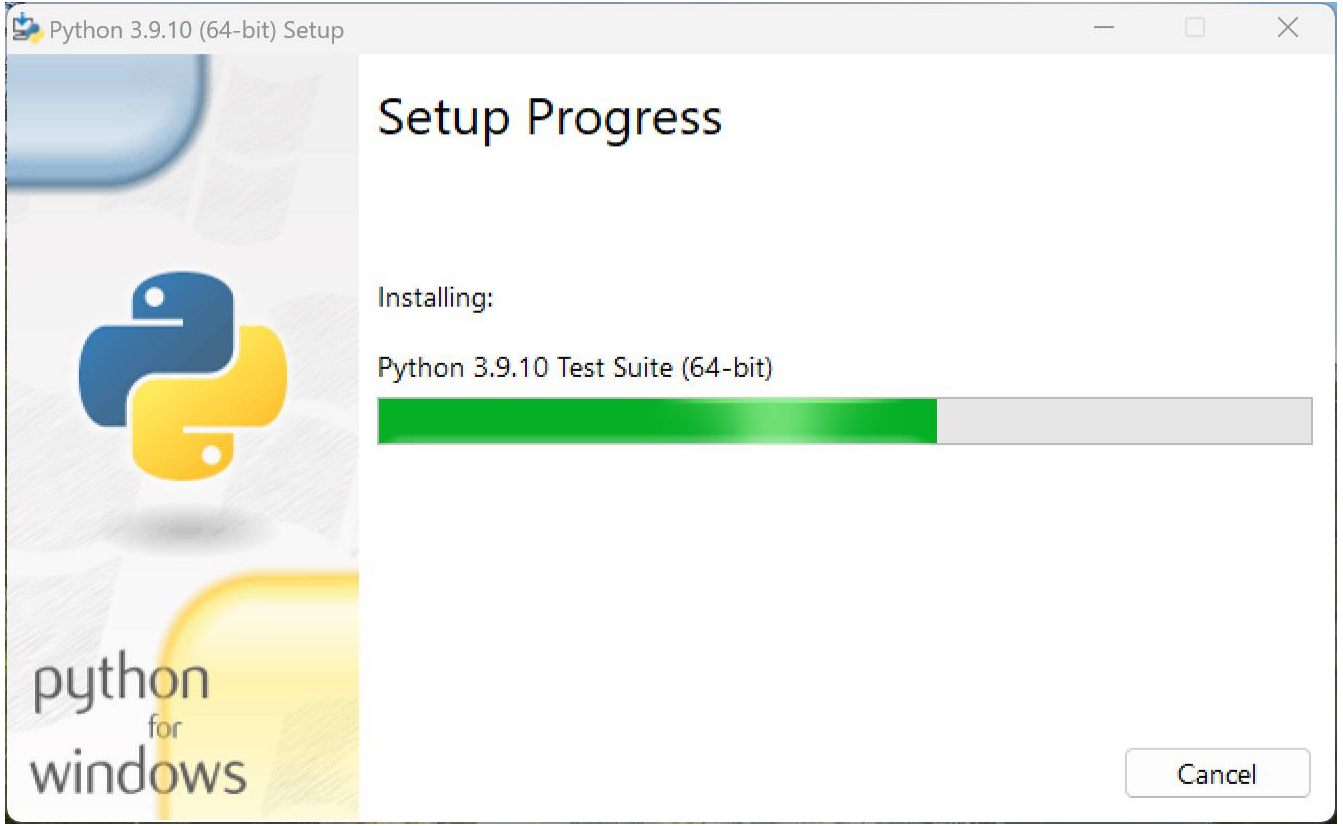
Python 3.9.10 (64-bit) Setup
Setup Progress
Installing:
Python 3.9.10 Test Suite (64-bit)
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for
windows
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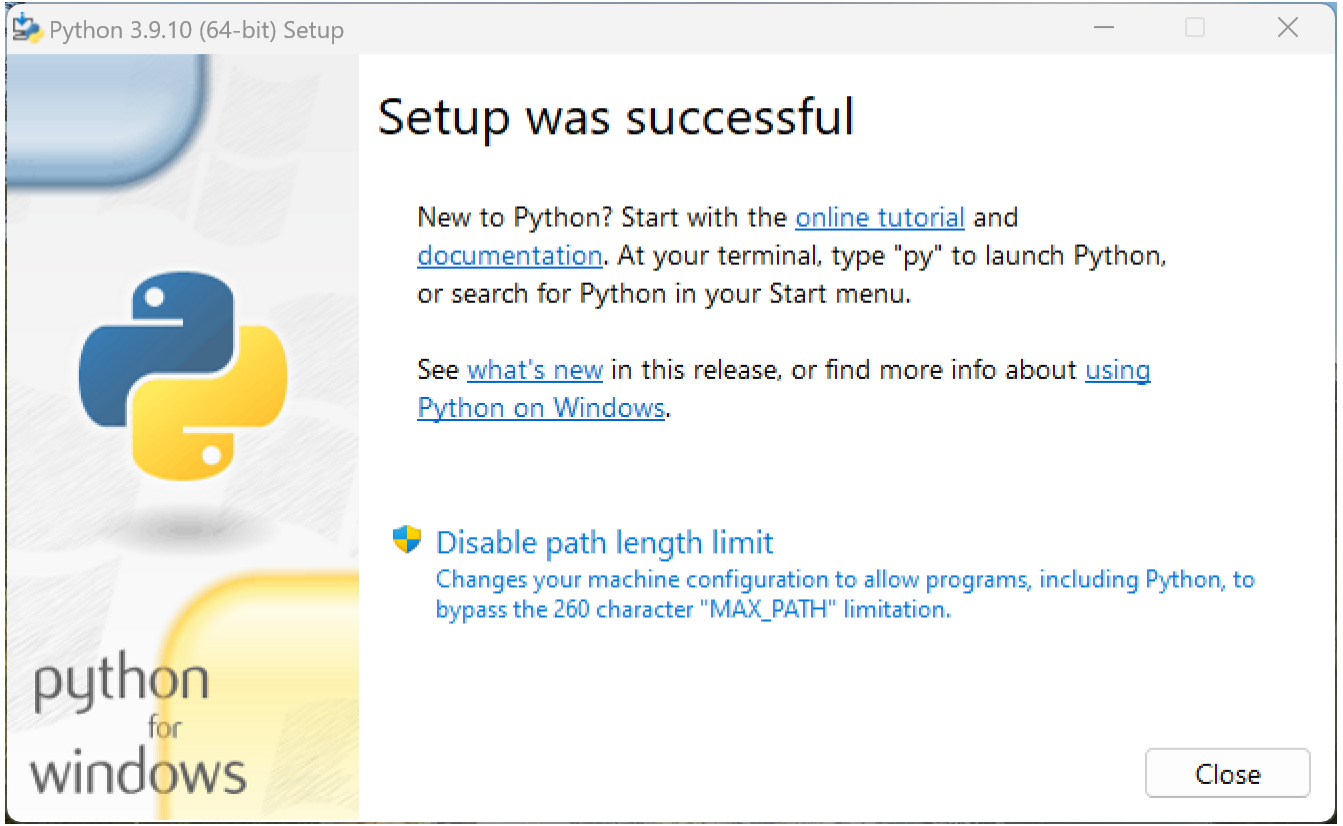
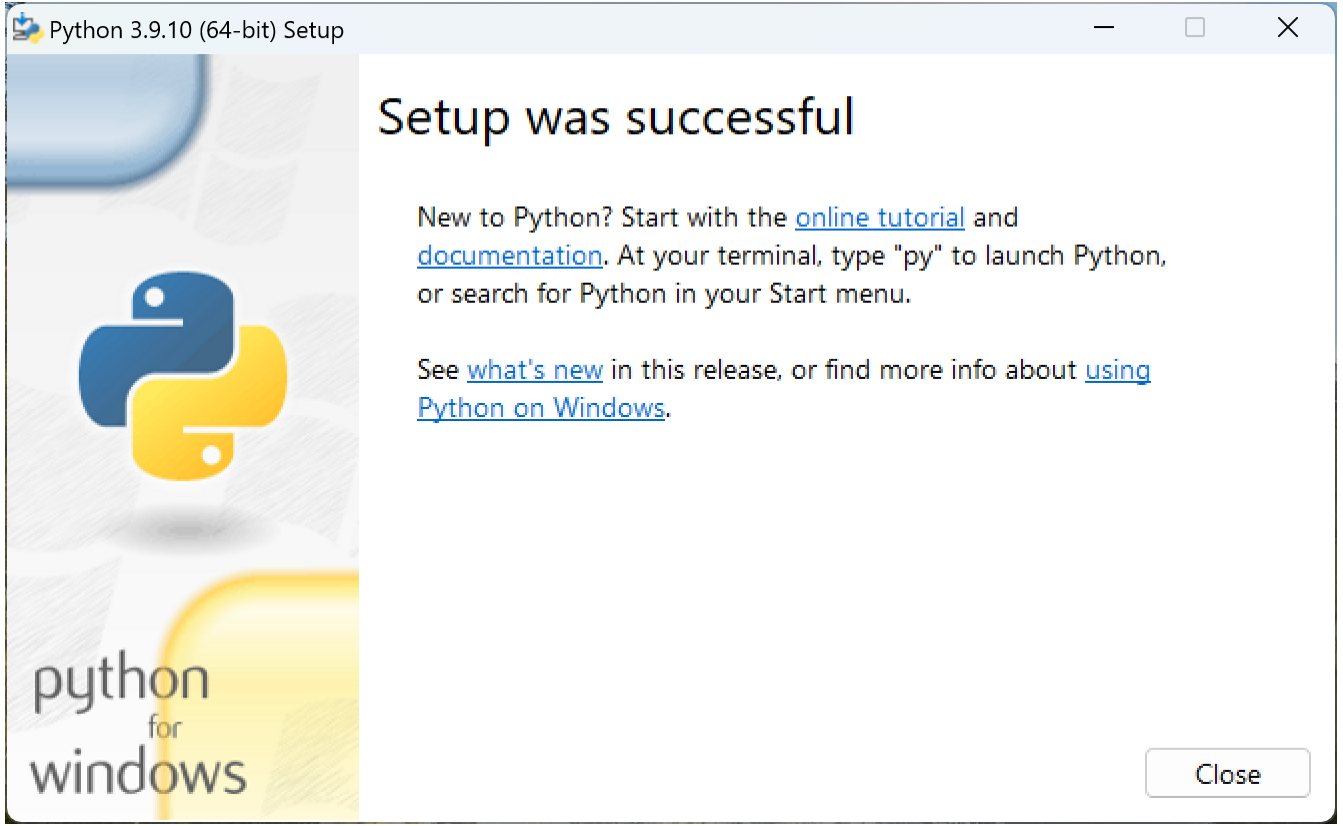

Python 3.9.10 (64-bit) Setup
Setup was successful
New to Python? Start with the online tutorial and documentation. At your terminal, type "py" to launch Python, or search for Python in your Start menu.
See what's new in this release, or find more info about using Python on Windows.
Disable path length limit
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.
python for windows
Close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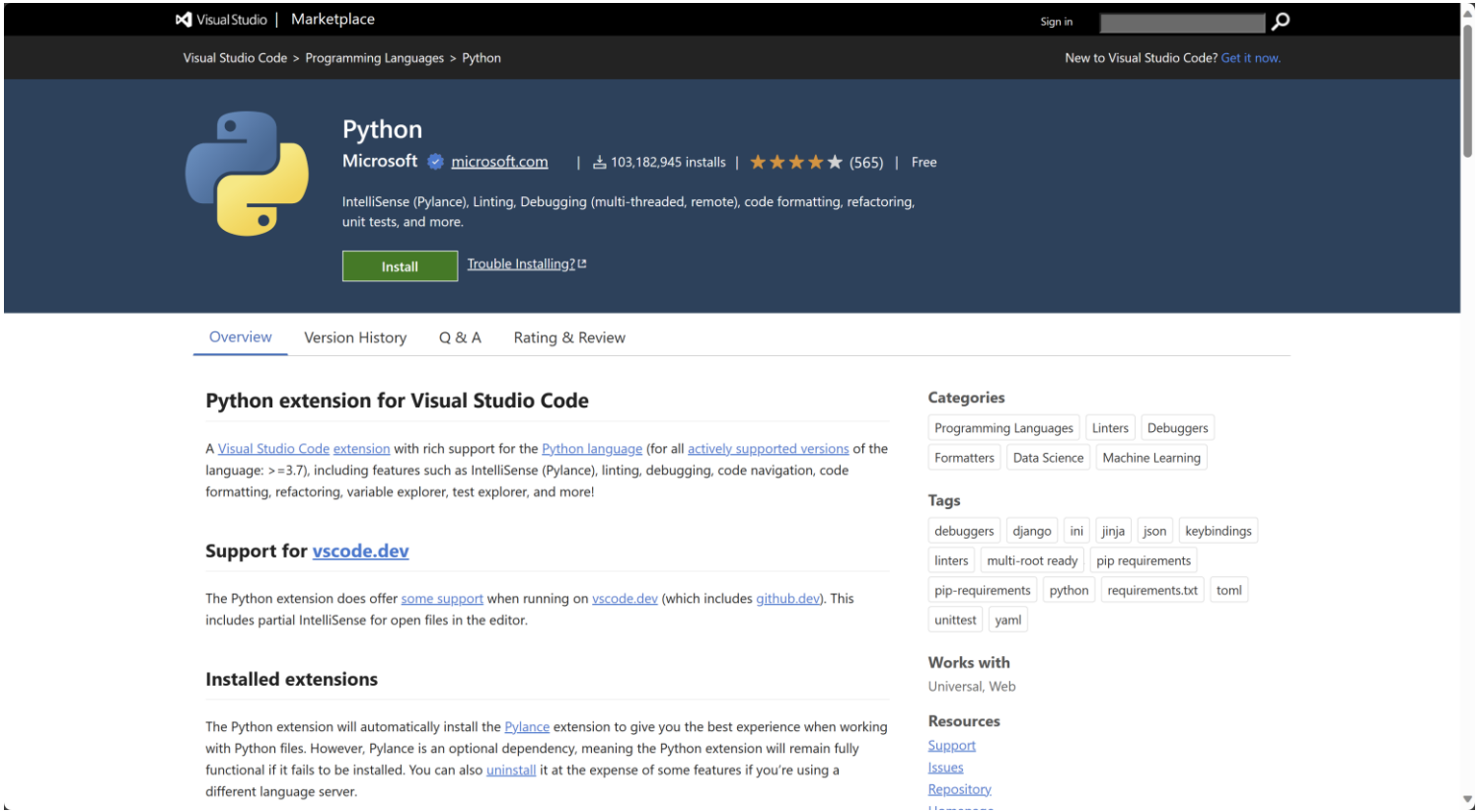
python
for
windows
Close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Visual Studio Code > Programming Languages > Python
New to Visual Studio Code? Get it now.
Python
Microsoft microsoft.com | 103,182,945 installs | (565) | Free
IntelliSense (Pylance), Linting, Debugging (multi-threaded, remote), code formatting, refactoring, unit tests, and more.
Install
Trouble Installing?
Overview
Version History
Q & A
Rating & Review
Python extension for Visual Studio Code
A Visual Studio Code extension with rich support for the Python language (for all actively supported versions of the language: >=3.7), including features such as IntelliSense (Pylance), linting, debugging, code navigation, code formatting, refactoring, variable explorer, test explorer, and more!
Support for vscode.dev
The Python extension does offer some support when running on vscode.dev (which includes github.dev). This includes partial IntelliSense for open files in the editor.
Installed extensions
The Python extension will automatically install the Pylance extension to give you the best experience when working with Python files. However, Pylance is an optional dependency, meaning the Python extension will remain fully functional if it fails to be installed. You can also uninstall it at the expense of some features if you're using a different language server.
Categories
Programming Languages
Linters
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ini
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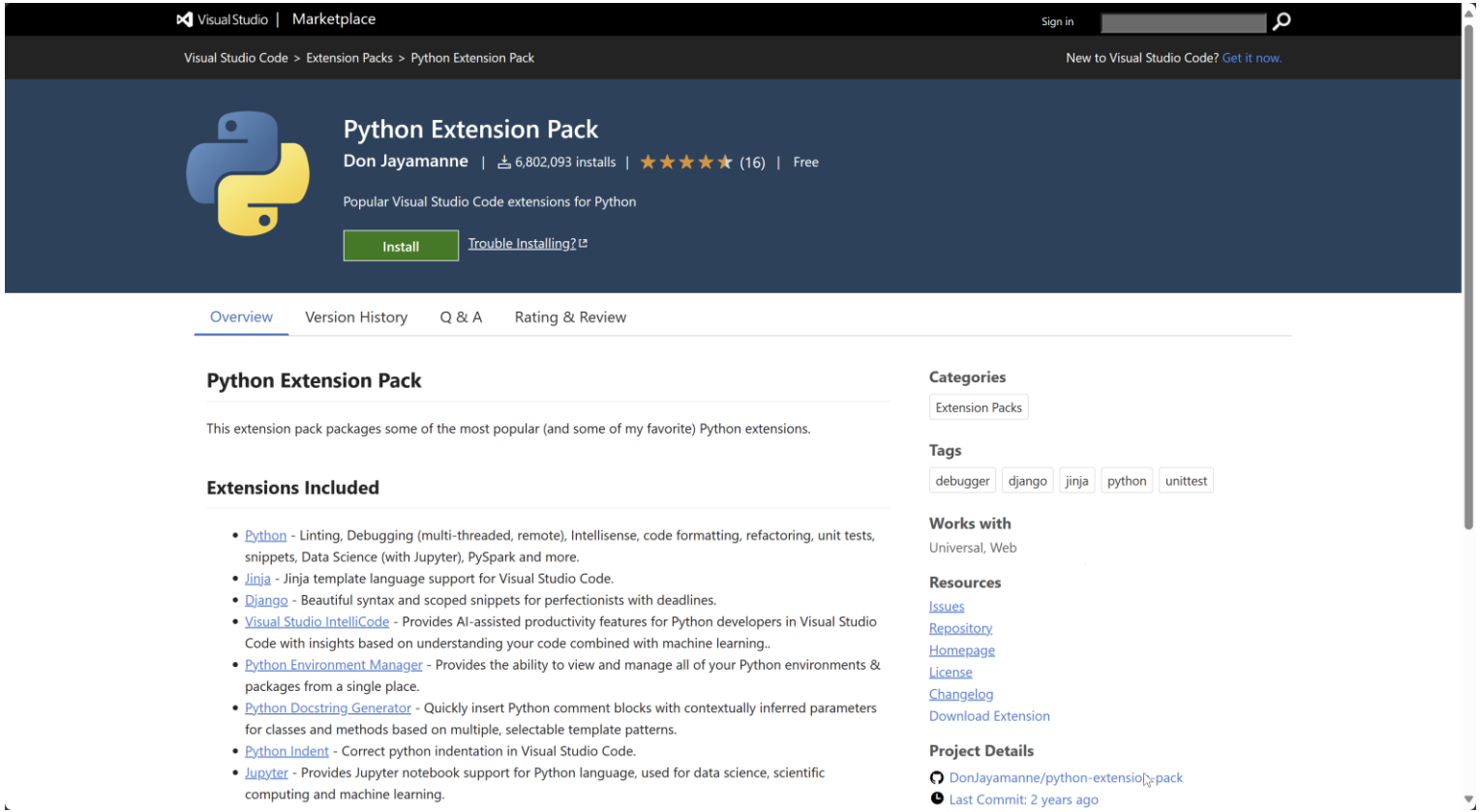
multi-root ready
pip requirements
pip-requirements
python
requirements.txt
toml
unittest
yaml
Works with
Universal, Web
Resources
Support
Issues
Repository


Visual Studio | Marketplace
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Visual Studio Code > Extension Packs > Python Extension Pack
New to Visual Studio Code? Get it now.
Python Extension Pack
Don Jayamanne | 6,802,093 installs | (16) | Free
Popular Visual Studio Code extensions for Python
Install
Trouble Installing?
Overview
Version History
Q & A
Rating & Review
Python Extension Pack
This extension pack packages some of the most popular (and some of my favorite) Python extensions.
Extensions Included
Python - Linting, Debugging (multi-threaded, remote), Intellisense, code formatting, refactoring, unit tests, snippets, Data Science (with Jupyter), PySpark and more.
Jinja - Jinja template language support for Visual Studio Code.
Django - Beautiful syntax and scoped snippets for perfectionists with deadlines.
Visual Studio IntelliCode - Provides AI-assisted productivity features for Python developers in Visual Studio Code with insights based on understanding your code combined with machine learning..
Python Environment Manager - Provides the ability to view and manage all of your Python environments & packages from a single place.
Python Docstring Generator - Quickly insert Python comment blocks with contextually inferred parameters for classes and methods based on multiple, selectable template patterns.
Python Indent - Correct python indentation in Visual Studio Code.
Jupyter - Provides Jupyter notebook support for Python language, used for data science, scientific computing and machine learning.
Categories
Extension Packs
Tags
debugger
django
jinja
python
unittest
Works with
Universal, Web
Resources
Issues
Repository
Homepage
License
Changelog
Download Extension
Project Details
DonJayamanne/python-extension-pack
Last Commit: 2 years ago

https://github.com/ericdboyd/
vslive-vegas-2024-python-and-ai-day-1