

Must Try

Vscode

Microsoft Extensions for Python/Django

to write better code

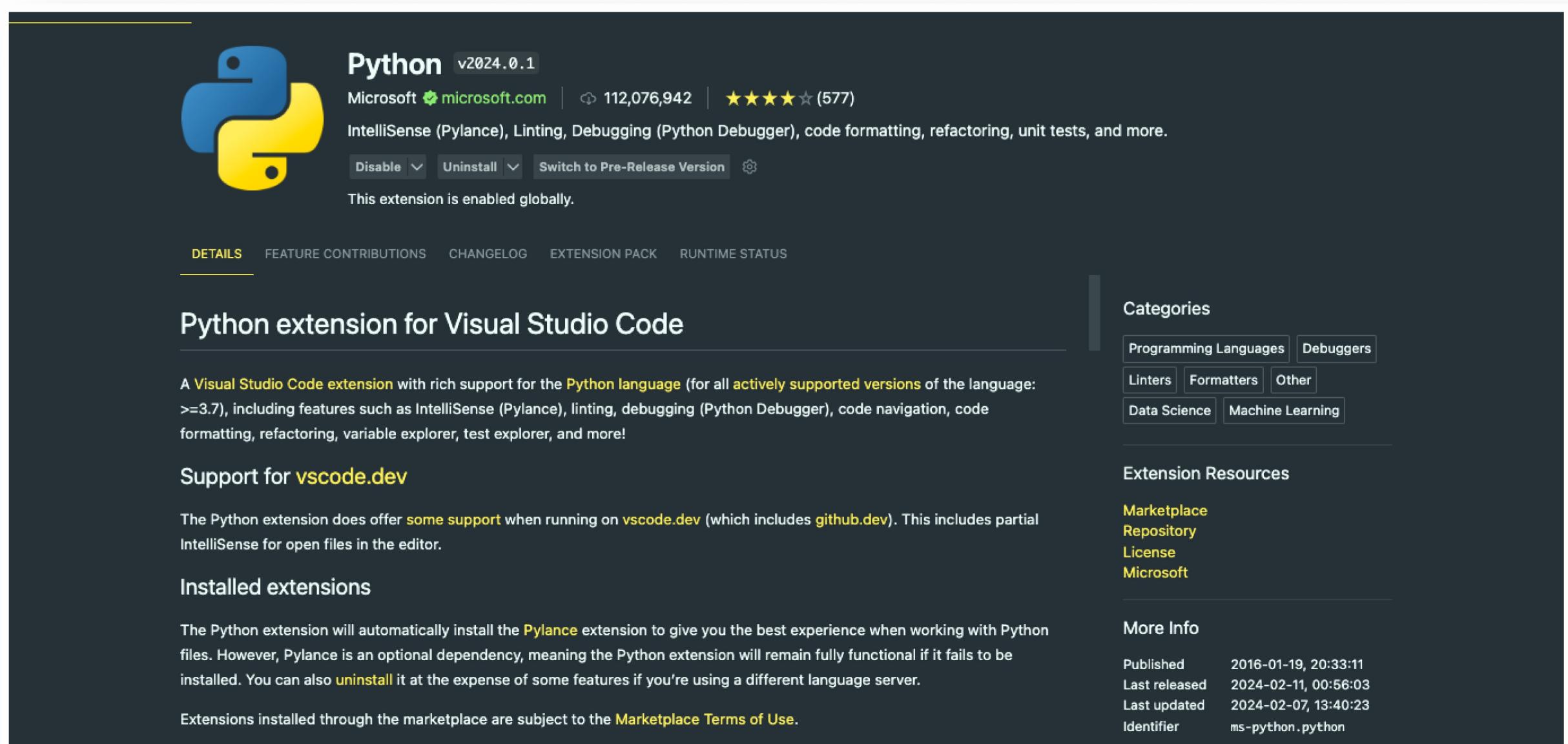


Intro

I have come few microsoft extensions for vscode that surely gonna help you to write a better python or django code.

Python

Including features such as
IntelliSense (Pylance), linting,
debugging (Python Debugger),
code navigation, code formatting,
refactoring, variable explorer, test
explorer, and more!



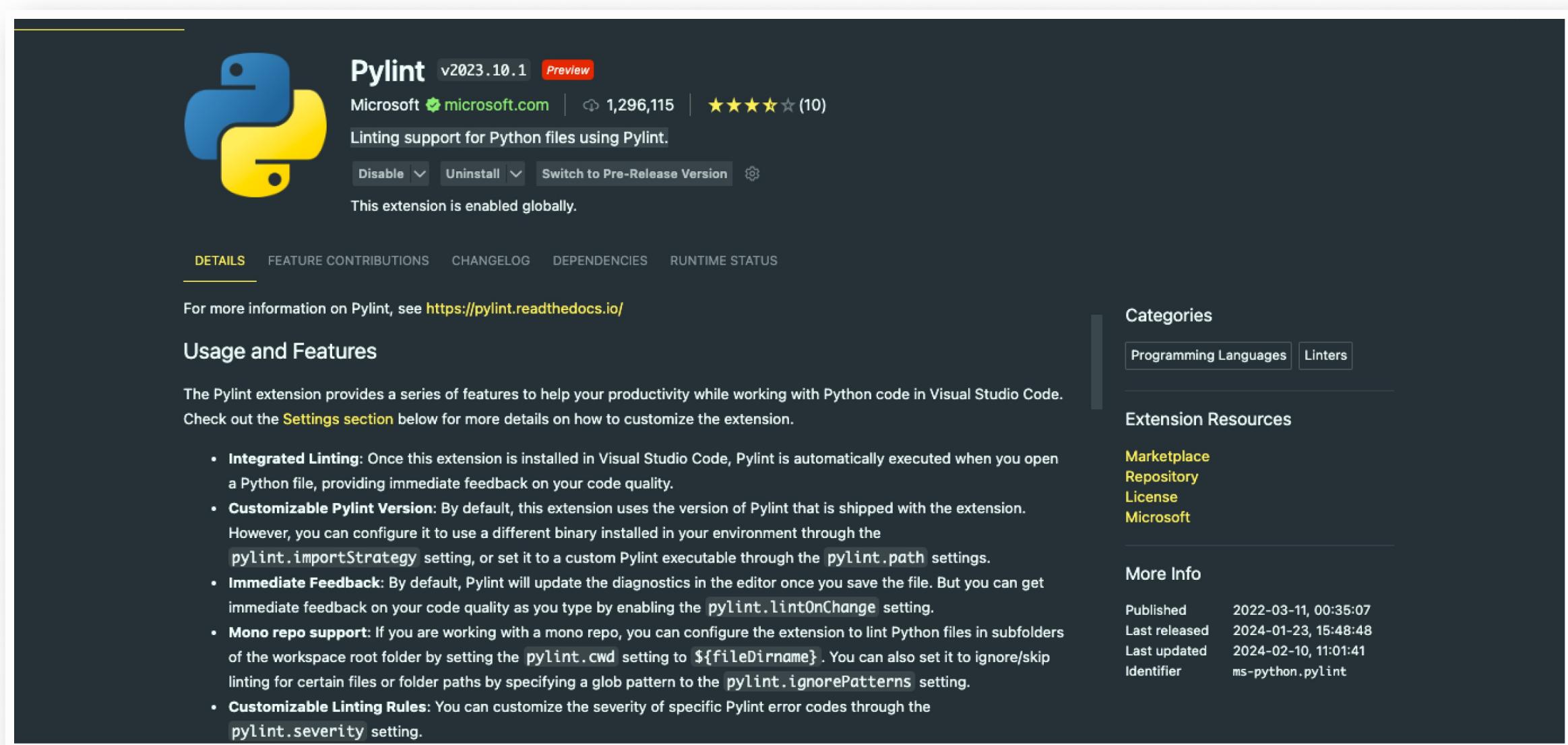
The screenshot shows the Python extension page on the Microsoft Marketplace. The top bar displays the extension name "Python v2024.0.1", the developer "Microsoft", the download count "112,076,942", and a rating of "★★★★★ (577)". Below this, a brief description states: "IntelliSense (Pylance), Linting, Debugging (Python Debugger), code formatting, refactoring, unit tests, and more!". There are buttons for "Disable", "Uninstall", "Switch to Pre-Release Version", and a gear icon. A note below says "This extension is enabled globally." The main content area has tabs for "DETAILS", "FEATURE CONTRIBUTIONS", "CHANGELOG", "EXTENSION PACK", and "RUNTIME STATUS". The "DETAILS" tab is selected and shows the following information:

- 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 (Python Debugger), 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.
- Extensions installed through the marketplace are subject to the [Marketplace Terms of Use](#).

On the right side, there are sections for "Categories" (Programming Languages, Debuggers, Linters, Formatters, Other, Data Science, Machine Learning) and "Extension Resources" (Marketplace, Repository, License, Microsoft). The "More Info" section provides details about the extension's history: Published 2016-01-19, 20:33:11, Last released 2024-02-11, 00:56:03, Last updated 2024-02-07, 13:40:23, Identifier ms-python.python.

Pylint

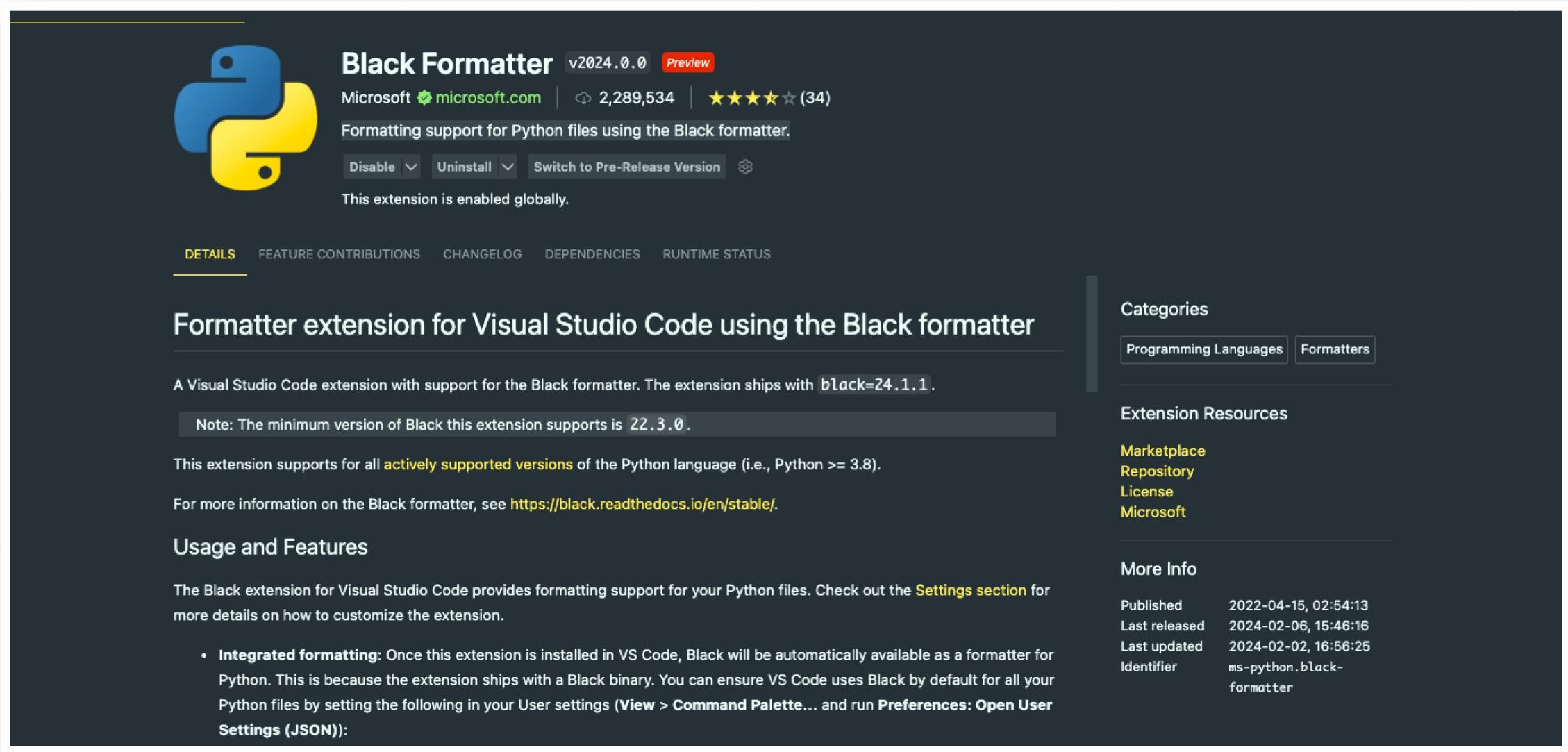
This extension provides the Linting support for Python files using Pylint.



The screenshot shows the Pylint extension page on the Microsoft Visual Studio Code Marketplace. The extension is version v2023.10.1, marked as a preview. It has 1,296,115 installs and a rating of 4.5 stars from 10 reviews. The description states: "Linting support for Python files using Pylint." Below the description are buttons for "Disable", "Uninstall", "Switch to Pre-Release Version", and a settings gear icon. A note says "This extension is enabled globally." At the bottom left, there are tabs for "DETAILS", "FEATURE CONTRIBUTIONS", "CHANGELOG", "DEPENDENCIES", and "RUNTIME STATUS". A link to the Pylint documentation is provided: "For more information on Pylint, see <https://pylint.readthedocs.io/>". The "Usage and Features" section lists several key features: Integrated Linting, Customizable Pylint Version, Immediate Feedback, Mono repo support, and Customizable Linting Rules. On the right side, there are sections for "Categories" (Programming Languages, Linters), "Extension Resources" (Marketplace, Repository, License, Microsoft), and "More Info" (Published: 2022-03-11, Last released: 2024-01-23, Last updated: 2024-02-10, Identifier: ms-python pylint).

Black Formatter

This extension provides the Formatting support for Python files using the Black formatter.



The screenshot shows the Black Formatter extension page on the Microsoft Visual Studio Code Marketplace. The extension is version v2024.0.0, labeled as a preview. It has a rating of 4.5 stars from 34 reviews and over 2,289,534 installs. The description states: "Formatting support for Python files using the Black formatter." Below the description are buttons for "Disable", "Uninstall", "Switch to Pre-Release Version", and a settings gear icon. A note below says "This extension is enabled globally." At the bottom of the main content area, there's a "Note: The minimum version of Black this extension supports is 22.3.0." followed by information about supported Python versions and a link to the Black formatter documentation. The "Usage and Features" section describes how the extension provides formatting support for Python files. The right sidebar contains sections for "Categories" (Programming Languages, Formatters), "Extension Resources" (Marketplace, Repository, License, Microsoft), and "More Info" (published date, last released, last updated, identifier).

Black Formatter v2024.0.0 Preview

Microsoft  microsoft.com | 2,289,534 | ★★★★☆ (34)

Formatting support for Python files using the Black formatter.

Disable Uninstall Switch to Pre-Release Version ⚙

This extension is enabled globally.

DETAILS FEATURE CONTRIBUTIONS CHangelog DEPENDENCIES RUNTIME STATUS

Formatter extension for Visual Studio Code using the Black formatter

A Visual Studio Code extension with support for the Black formatter. The extension ships with `black=24.1.1`.

Note: The minimum version of Black this extension supports is 22.3.0.

This extension supports for all actively supported versions of the Python language (i.e., Python >= 3.8).

For more information on the Black formatter, see <https://black.readthedocs.io/en/stable/>.

Usage and Features

The Black extension for Visual Studio Code provides formatting support for your Python files. Check out the [Settings](#) section for more details on how to customize the extension.

- Integrated formatting:** Once this extension is installed in VS Code, Black will be automatically available as a formatter for Python. This is because the extension ships with a Black binary. You can ensure VS Code uses Black by default for all your Python files by setting the following in your User settings ([View > Command Palette...](#) and run [Preferences: Open User Settings \(JSON\)](#)):

Categories

Programming Languages Formatters

Extension Resources

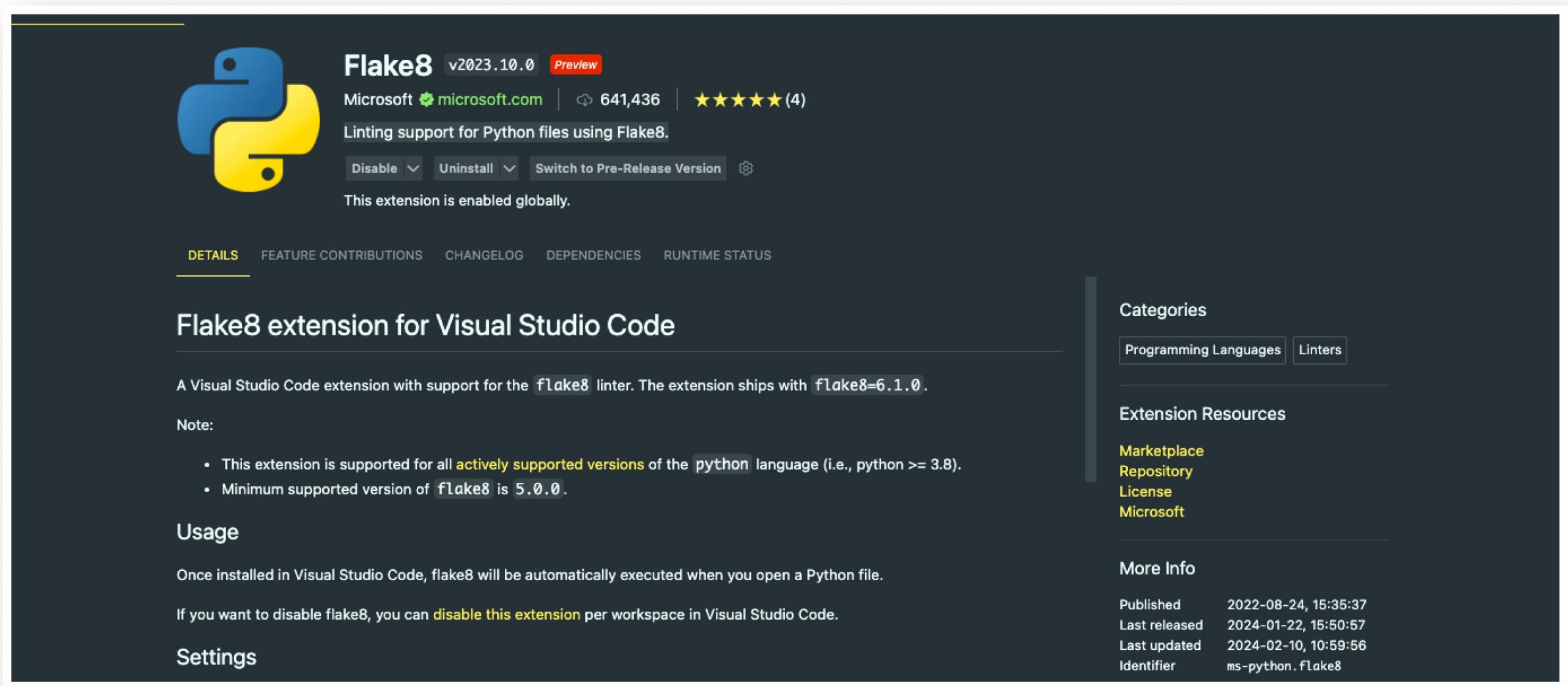
Marketplace Repository License Microsoft

More Info

Published	2022-04-15, 02:54:13
Last released	2024-02-06, 15:46:16
Last updated	2024-02-02, 16:56:25
Identifier	ms-python.black-formatter

Flake8

This extension provides the Linting support for Python files using Flake8.



The screenshot shows the Flake8 extension page on the Microsoft Visual Studio Code Marketplace. The top navigation bar includes the Microsoft logo, the extension name "Flake8 v2023.10.0 Preview", the developer "microsoft.com", the download count "641,436", and a 5-star rating "(4)". Below the header, there's a brief description: "Linting support for Python files using Flake8." and a note: "This extension is enabled globally." A horizontal menu bar below the header contains links for "DETAILS", "FEATURE CONTRIBUTIONS", "CHANGELOG", "DEPENDENCIES", and "RUNTIME STATUS". The main content area is titled "Flake8 extension for Visual Studio Code" and contains a note: "A Visual Studio Code extension with support for the `flake8` linter. The extension ships with `flake8=6.1.0`." It also includes a "Note:" section with two bullet points: "• This extension is supported for all **actively supported versions** of the `python` language (i.e., `python >= 3.8`).", "• Minimum supported version of `flake8` is `5.0.0`.", and a "Usage" section stating: "Once installed in Visual Studio Code, `flake8` will be automatically executed when you open a Python file." There's also a note about disabling the extension. The right sidebar features sections for "Categories" (with "Programming Languages" and "Linters" selected), "Extension Resources" (links to "Marketplace", "Repository", "License", and "Microsoft"), and "More Info" (with details like "Published: 2022-08-24, 15:35:37", "Last released: 2024-01-22, 15:50:57", "Last updated: 2024-02-10, 10:59:56", and "Identifier: ms-python.flake8").

iSort

This is extension organised imports
for Python files using isort.

 **isort** v2023.10.1 Preview
Microsoft [microsoft.com](#) | ⚡ 21,529,416 | ★★★☆☆ (27)
Import organization support for Python files using isort.
[Disable](#) [Uninstall](#) [Switch to Pre-Release Version](#) 

This extension is enabled globally.

[DETAILS](#) [FEATURE CONTRIBUTIONS](#) [CHANGELOG](#) [DEPENDENCIES](#) [RUNTIME STATUS](#)

Import sorting extension for Visual Studio Code using `isort`

A Visual Studio Code extension that provides import sorting using `isort`. The extension ships with `isort=5.11.5`. This extension uses Language Server Protocol ([LSP](#)) to run `isort` in a server like mode.

Note:

- This extension is supported for all [actively supported versions](#) of the `python` language (i.e., `python >= 3.7`).
- The bundled `isort` is only used if there is no installed version of `isort` found in the selected `python` environment.
- Minimum supported version of `isort` is `5.10.1`.

Usage

Once installed in Visual Studio Code, the extension will register `isort` as import organizer. You can use keyboard short cut `shift + alt + O` to trigger organize imports editor action. You can also trigger this from the quick fix available when imports are not organized.

Categories
[Programming Languages](#) [Formatters](#)

Extension Resources
[Marketplace](#) [Repository](#) [License](#) [Microsoft](#)

More Info

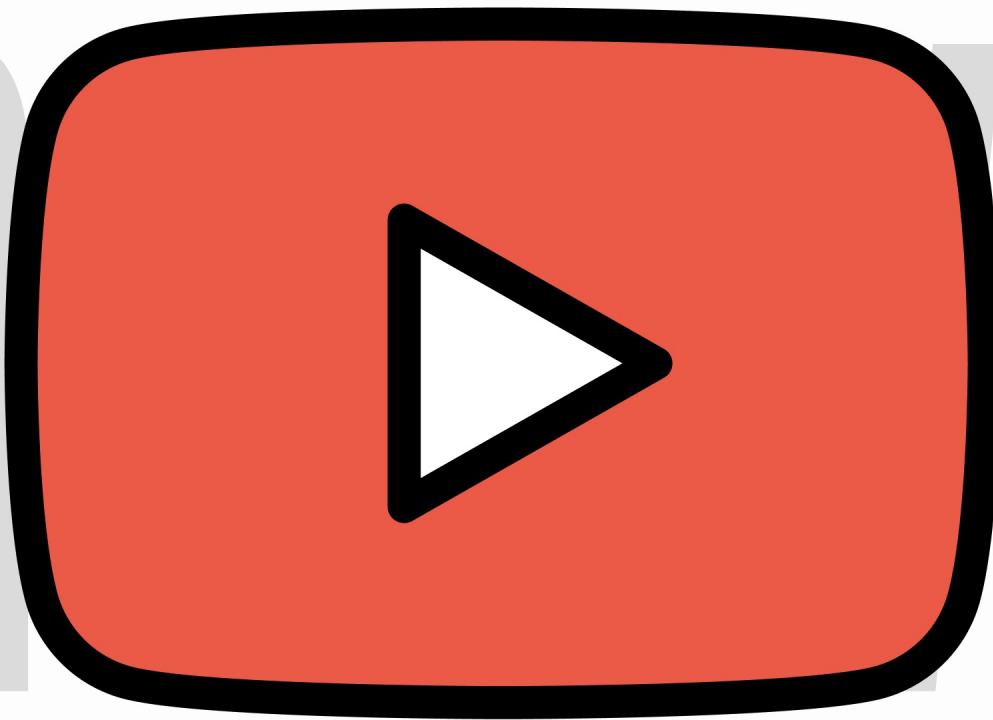
Published	2022-04-26, 04:29:19
Last released	2024-01-23, 15:50:47
Last updated	2024-02-10, 10:56:07
Identifier	ms-python.isort

Conclusion

That's it, every time when you start with a new python or django project, must configured these extension settings in your vscode to end up with the clean and elegant code.

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Link in bio

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