



Black Formatter

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Formatting support for python files using 'black'.

Installation

Launch VS Code Quick Open (Ctrl+P), paste the following command, and press enter.

`ext install ms-python.black-formatter`

Copy

[More Info](#)

Overview

Version History

Q & A

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Formatter extension for Visual Studio Code using black

A Visual Studio Code extension with support for the black formatter. The extension ships with black=23.3.0.

Note:

- This extension is supported for all [actively supported versions](#) python language (i.e., python >= 3.7).
- The bundled black is only used if there is no installed version of black found in the selected python environment.
- Minimum supported version of black is 22.3.0.
- This extension is experimental. The plan is that it will eventually replace the black formatting functionality of [the Python extension](#).

Usage

Once installed in Visual Studio Code, "Black Formatter" will be available as a formatter for python files. Please select "Black Formatter" (extension id:ms-python.black-formatter) as the default formatter. You can do this either by using the context menu (right click on a open python file in the editor) and select "Format Document With...", or you can add the following to your settings:

```
"[python]": {  
  "editor.defaultFormatter": "ms-python.black-formatter"  
}
```

Categories

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Project Details

 [microsoft/vscode-black-formatter](#) [No Pull Requests](#) [Last Commit: 2 days ago](#) [16 Open Issues](#)

More Info

Version

2023.5.12511009

and change the following, if set:

```
"python.formatting.provider": "none"
```

Format on save

You can enable format on save for python by having the following values in your settings:

```
"[python]": {
  "editor.defaultFormatter": "ms-python.black-formatter"
  "editor.formatOnSave": true
}
```



Disabling formatting with black

If you want to disable Black formatter, you can [disable this extension](#) per workspace in Visual Studio Code.

Settings

Settings	Default	
black-formatter.args	[]	Custom a black.E. formatt config"
black-formatter.trace	error	Sets the tr extension.
black-formatter.path	[]	Setting to black ex slow dow will have 1 executable save or or ["~ / glo Example 2 "run", "lint e "-m", "
black-formatter.interpreter	[]	Path to a p use to run
black-formatter.importStrategy	useBundled	Setting to black fr picks blac extension. fromEnv black av environm

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PublisherMicrosoft

Unique Identifierms-python.black-formatter

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Settings	Default	
black-formatter.showNotification	off	Setting to notificatio



Commands

Command	Description
Black Formatter: Restart	Force re-start the format server.

Logging

Use Developer : Set Log Level... command from the **Command Palette**, and select Black Formatter from the extensions list to set the Log Level for the extension. For detailed LSP traces, add "black-formatter.trace.server" : "verbose" to your **User settings.json** file.

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