Advanced Visual Studio Code Debugging

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Overview

Here come the demos!

Logpoints

Launch configurations
- Specify the startup file
- Web applications

Remote debugging
- Docker containers
- Remote servers

Jupyter notebook

Extensions for Python utilities

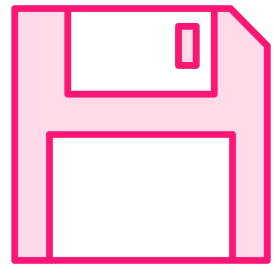# Logpoints

A cross between a breakpoint and a watch expression

Instead of pausing, logpoints log a message to the debug console

The message can include Python expressions

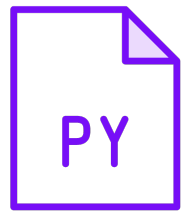Great alternative to littering your code with print calls.

Launch configurations

Saved debug settings

Specify the startup file when launching the debugger

Switch between multiple configurations

Debugging Web Applications

The Python extension includes scaffolded debug configurations for popular web frameworks.
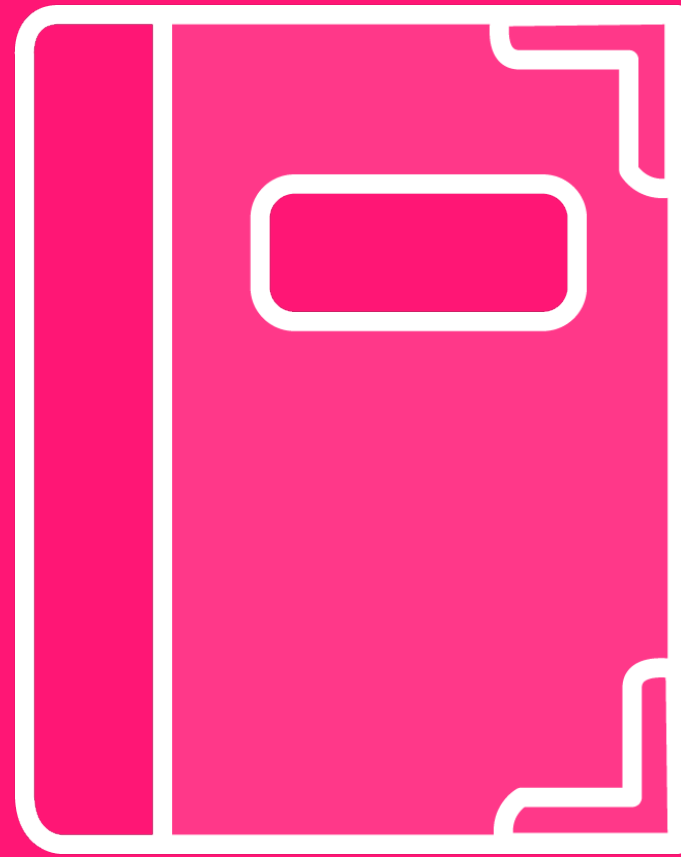
Debugging in a Docker Container

To debug a Docker container, start the container normally

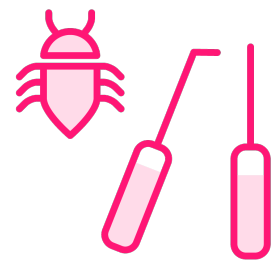**Then manually attach Visual Studio Code to the container**

Debugging Jupyter Notebooks

With the help of a few more extensions Visual Studio Code supports Jupyter notebooks inside of the editor with debugging support!
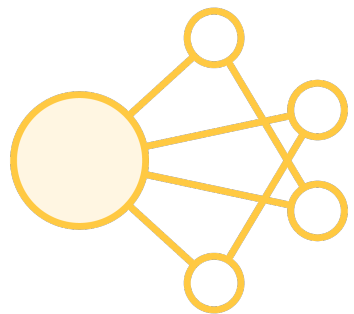
Extensions to help you debug

Pylint

Black

isort

Summary

Logpoints
- Log messages without print calls

Launch configurations
- Set the startup file
- Web applications
- Docker containers

Remote servers via SSH

Jupyter notebook

Helpful extensions for Visual Studio Code