



VSCode debugging

(This is directed at nodejs projects but the concepts translate)

Configuration

Debugging requires a `launch.json` file

This should be in a folder called `.vscode` in the root directory of the project

clicking the "create a launch.json file" and then clicking "node.js" in the dropdown menu will auto-generate some configurations

Runtime

On the debug panel on the left click "Run and Debug" to start the program. (F5 also works)

In vscode, there are two debugging modes, Launch and Attach.

Breakpoints

A breakpoint is placed by clicking on the line number and is represented by a red dot, disabled breakpoints by a filled-in grey circle.

Logpoints are similar to breakpoints however they do not stop the code, just log something to console. This is used for production servers when the code cannot be stopped

Data inspection

Data can be seen in the VARIABLES section

These variables can be modified via the "Set Value" action

Unsorted

https://code.visualstudio.com/docs/editor/debugging#_conditional-breakpoints