

Setup

- Clone microsoft/vscode
- Run **yarn** at /, this will install
 - Dependencies for /extension/html-language-features/
 - Dependencies for /extension/html-language-features/server/
 - devDependencies such as gulp
- Open /extensions/html-language-features/ as the workspace in VS Code
- In /extensions/html-language-features/ run **yarn compile**(or **yarn watch**) to build the client and server
- Run the **Launch Extension** debug target in the Debug View. This will:
 - Launch a new VS Code instance with the **html-language-features** extension loaded
- Open a .html file to activate the extension. The extension will start the HTML language server process.
- Add **"html.trace.server": "verbose"** to the settings to observe the communication between client and server in the **HTML Language Server** output.
- Debug the extension and the language server client by setting breakpoints in **html-language-features/client/**
- Debug the language server process by using **Attach to Node Process** command in the VS Code window opened on **html-language-features**.
 - Pick the process that contains **htmlServerMain** in the command line. Hover over **code-insiders** resp **code** processes to see the full process command line.
 - Set breakpoints in **html-language-features/server/**
- Run **Reload Window** command in the launched instance to reload the extension

Contribute to vscode-html-languageservice

microsoft/vscode-html-languageservice contains the language smarts for html. This extension wraps the html language service into a Language Server for VS Code. If you want to fix html issues or make improvements, you should make changes at microsoft/vscode-html-languageservice.

However, within this extension, you can run a development version of **vscode-html-languageservice** to debug code or test language features interactively:

Linking **vscode-html-languageservice** in **html-language-features/server/**

- Clone microsoft/vscode-html-languageservice
- Run **yarn** in **vscode-html-languageservice**
- Run **yarn link** in **vscode-html-languageservice**. This will compile and link **vscode-html-languageservice**

- In `html-language-features/server/`, run `yarn link vscode-html-languageservice`

Testing the development version of `vscode-html-languageservice`

- Open both `vscode-html-languageservice` and this extension in two windows or with a single window with the multi-root workspace feature
- Run `yarn watch` at `html-language-features/server/` to recompile this extension with the linked version of `vscode-html-languageservice`
- Make some changes in `vscode-html-languageservice`
- Now when you run **Launch Extension** debug target, the launched instance will use your development version of `vscode-html-languageservice`. You can interactively test the language features.