LaTeX Workshop 3 Music

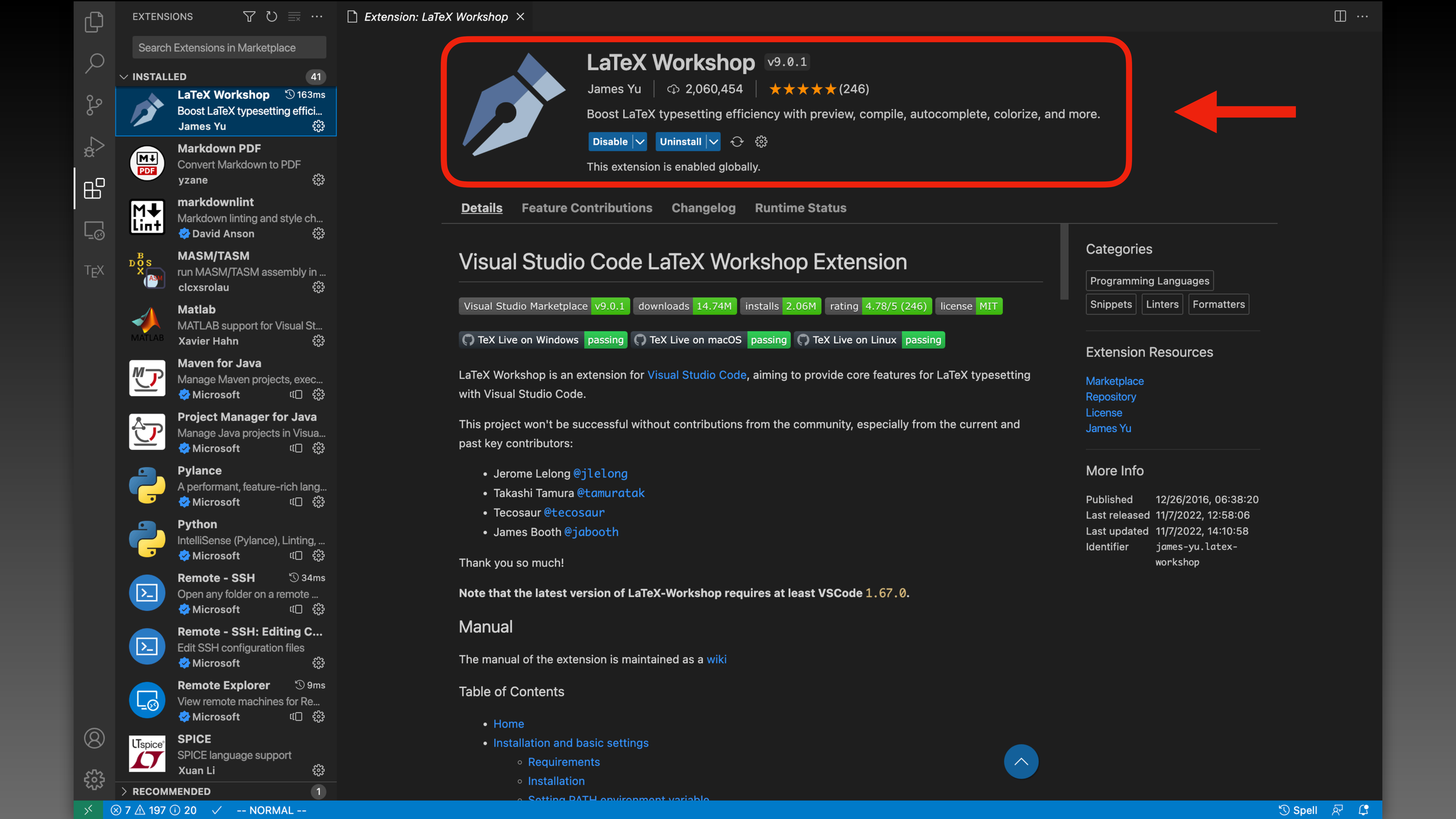
3

LaTeX in other environments

Windows
Linux
MacOS

Visual Studio Code

Assuming you already have a TeX distribution


EXTENSIONS
Search Extensions in Marketplace
INSTALLED 41
LaTeX Workshop 163ms
Boost LaTeX typesetting effici...
James Yu
Markdown PDF
Convert Markdown to PDF
yzane
markdownlint
Markdown linting and style ch...
David Anson
MASM/TASM
run MASM/TASM assembly in ...
clcxsrolau
Matlab
MATLAB support for Visual St...
Xavier Hahn
Maven for Java
Manage Maven projects, exec...
Microsoft
Project Manager for Java
Manage Java projects in Visua...
Microsoft
Pylance
A performant, feature-rich lang...
Microsoft
Python
IntelliSense (Pylance), Linting, ...
Microsoft
Remote - SSH 34ms
Open any folder on a remote ...
Microsoft
Remote - SSH: Editing C...
Edit SSH configuration files
Microsoft
Remote Explorer 9ms
View remote machines for Re...
Microsoft
SPICE
SPICE language support
Xuan Li
RECOMMENDED 1
Extension: LaTeX Workshop
LaTeX Workshop v9.0.1
James Yu 2,060,454 ★★★★★(246)
Boost LaTeX typesetting efficiency with preview, compile, autocomplete, colorize, and more.
Disable Uninstall
This extension is enabled globally.
Details Feature Contributions Changelog Runtime Status
Visual Studio Code LaTeX Workshop Extension
Visual Studio Marketplace v9.0.1 downloads 14.74M installs 2.06M rating 4.78/5 (246) license MIT
TeX Live on Windows passing TeX Live on macOS passing TeX Live on Linux passing
LaTeX Workshop is an extension for Visual Studio Code, aiming to provide core features for LaTeX typesetting with Visual Studio Code.
This project won't be successful without contributions from the community, especially from the current and past key contributors:
Jerome Lelong @jlelong
Takashi Tamura @tamuratak
Tecosaur @tecosaur
James Booth @jabooth
Thank you so much!
Note that the latest version of LaTeX-Workshop requires at least VSCode 1.67.0.
Manual
The manual of the extension is maintained as a wiki
Table of Contents
Home
Installation and basic settings
Requirements
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Programming Languages
Snippets Linters Formatters
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License
James Yu
More Info
Published 12/26/2016, 06:38:20
Last released 11/7/2022, 12:58:06
Last updated 11/7/2022, 14:10:58
Identifier james-yu.latex-workshop
⊗ 7 ⚠ 197 ⓘ 20 -- NORMAL --
Spell

VS Code built-in feature

Snippets

Template that makes it easier to enter repeating code patterns

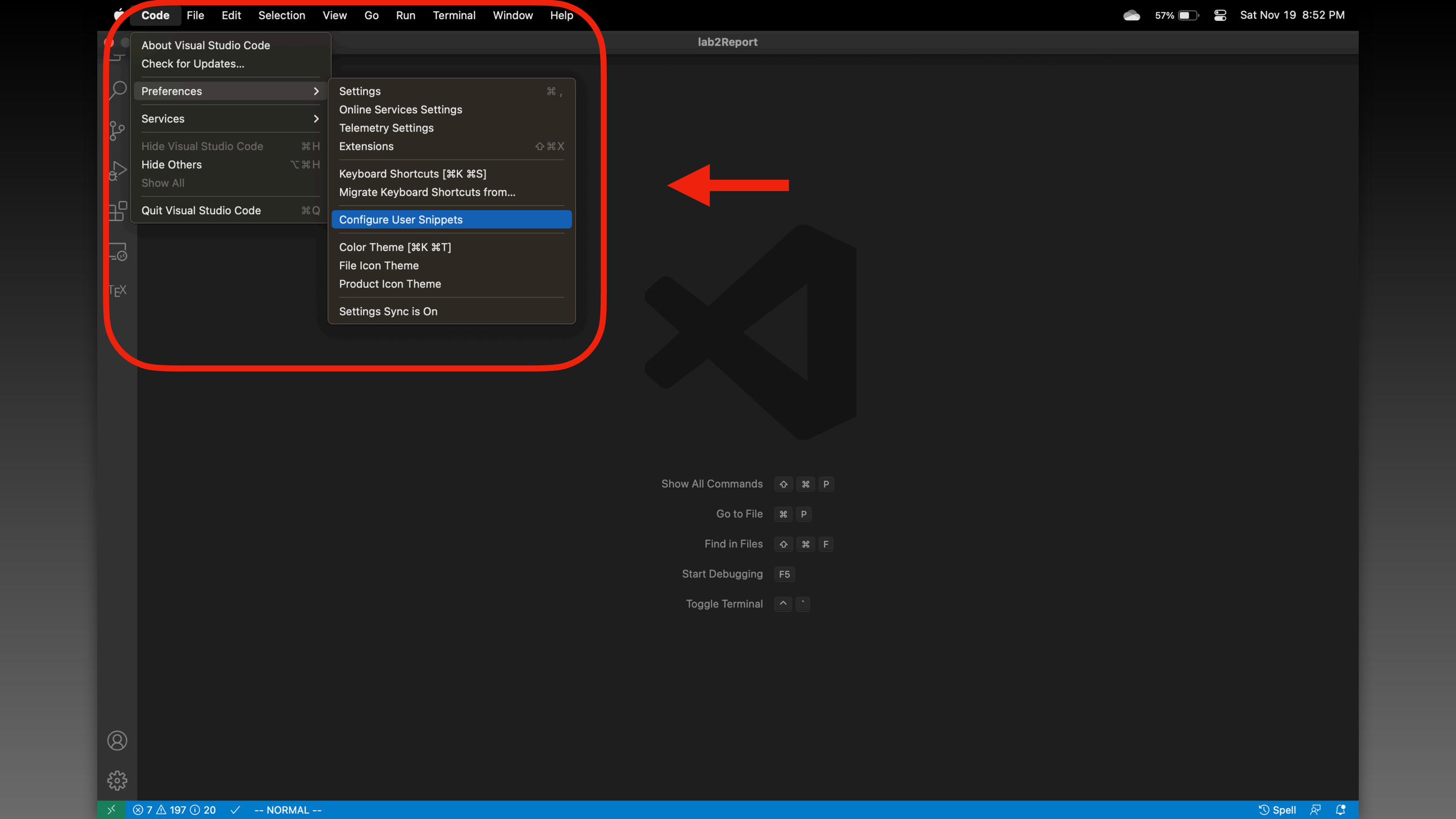
How do you create your own Snippets?

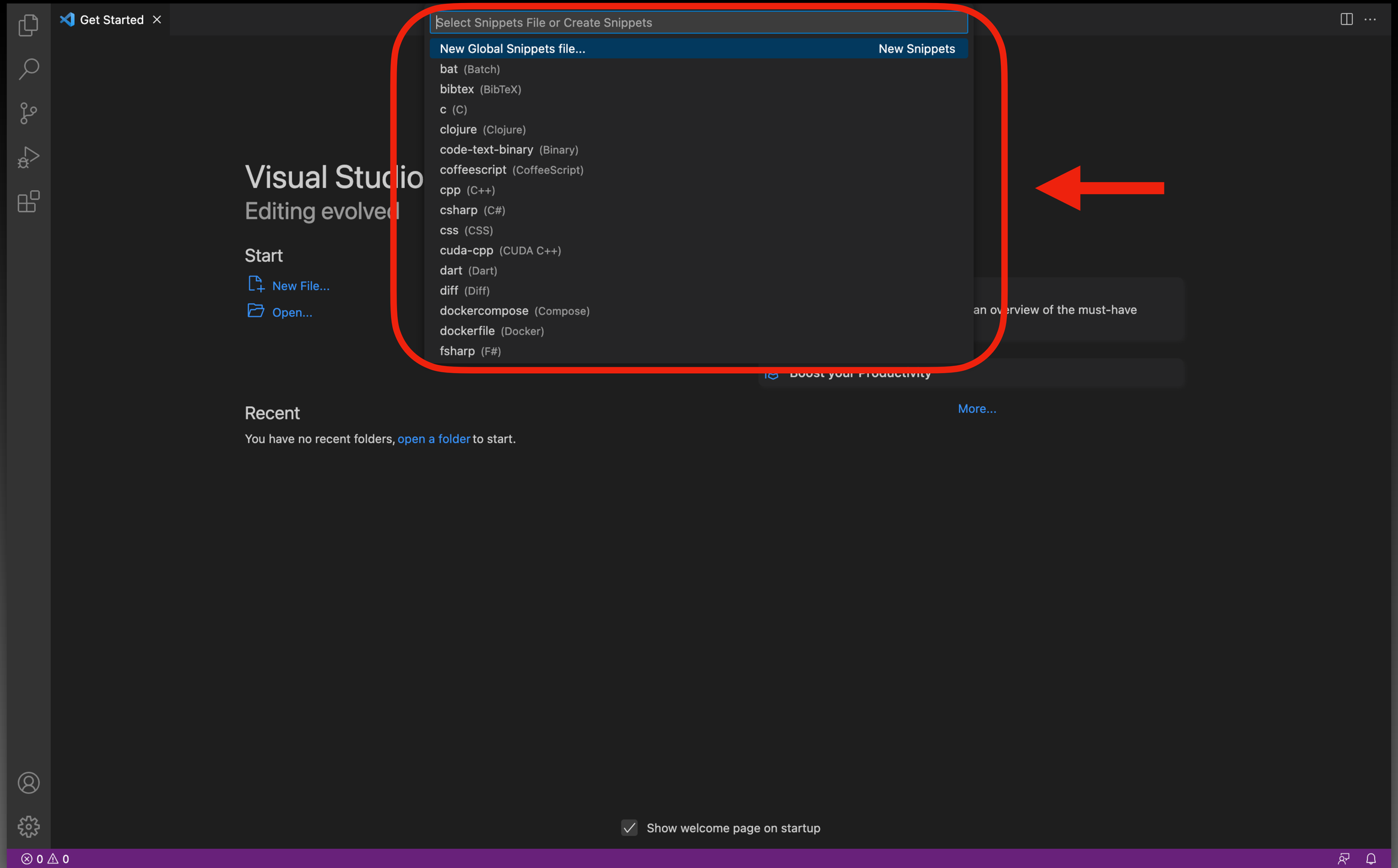
Windows & Linux

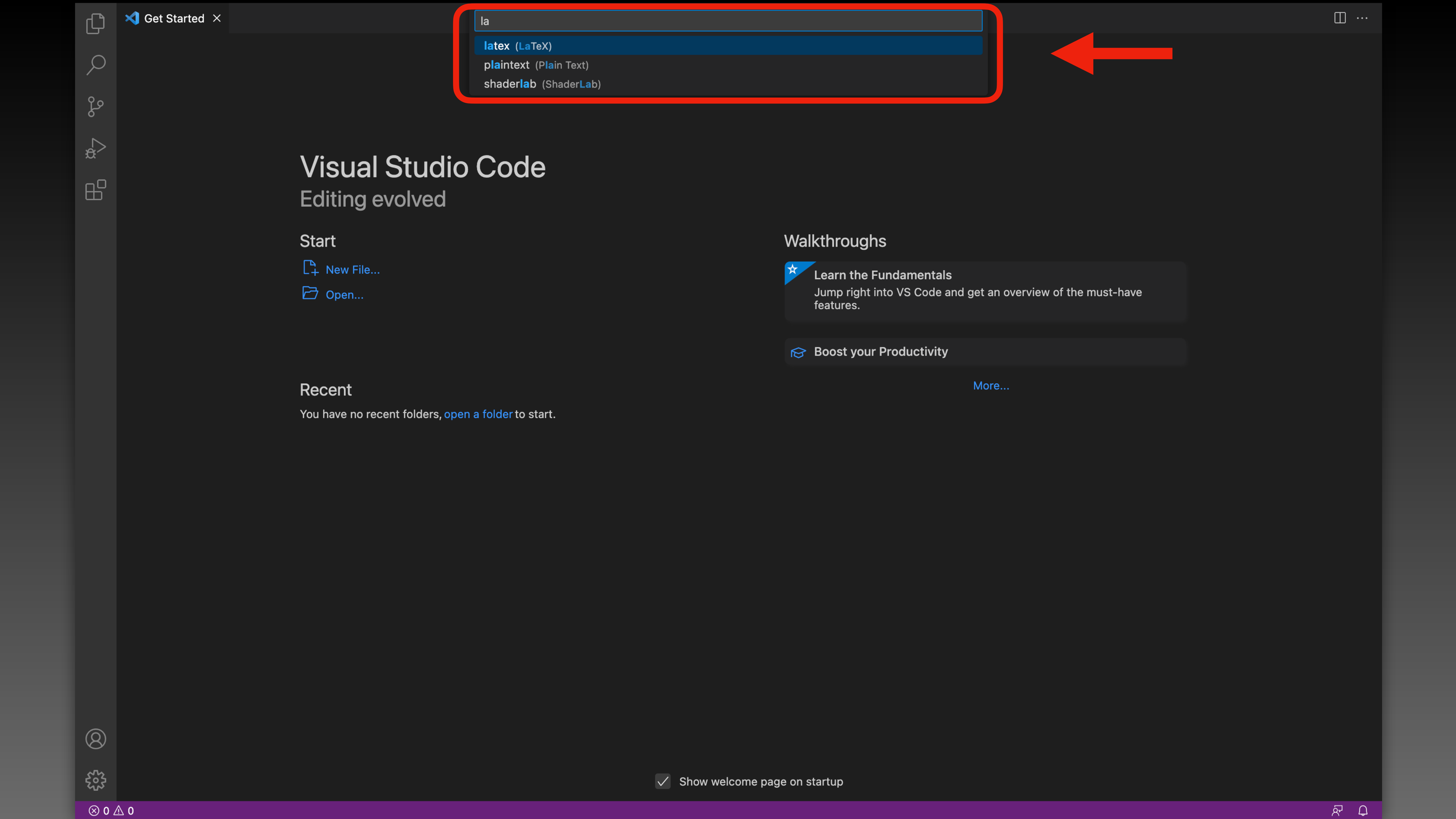
File > Preferences > Configure User Snippets

MacOS

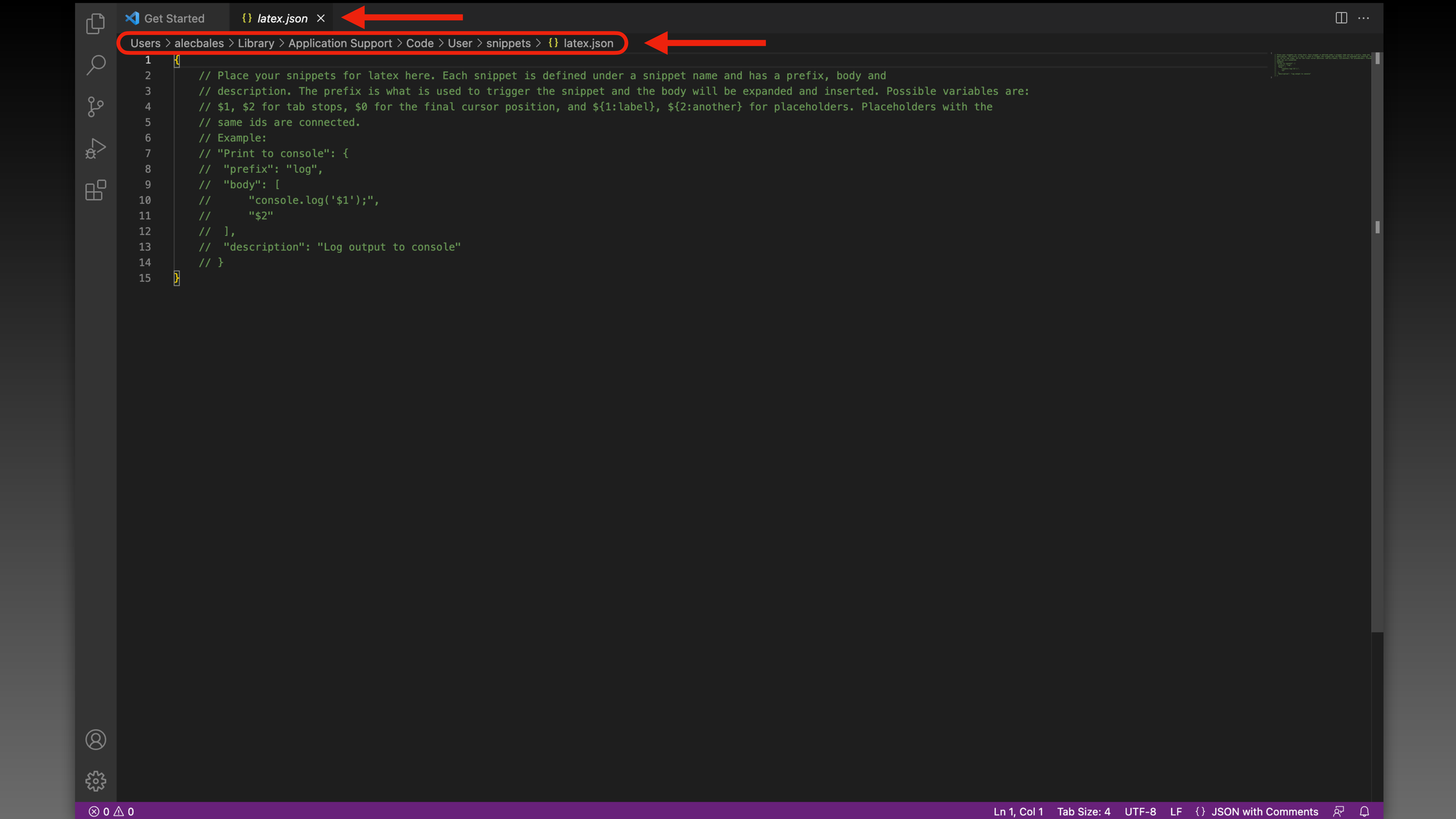
Code > Preferences > Configure User Snippets


Code File Edit Selection View Go Run Terminal Window Help
57% Sat Nov 19 8:52 PM
lab2Report
About Visual Studio Code
Check for Updates...
Preferences
Services
Hide Visual Studio Code ⌘H
Hide Others ⌥⌘H
Show All
Quit Visual Studio Code ⌘Q
Settings ⌘,
Online Services Settings
Telemetry Settings
Extensions ⇧⌘X
Keyboard Shortcuts [⌘K ⌘S]
Migrate Keyboard Shortcuts from...
Configure User Snippets
Color Theme [⌘K ⌘T]
File Icon Theme
Product Icon Theme
Settings Sync is On
Show All Commands ⇧ ⌘ P
Go to File ⌘ P
Find in Files ⇧ ⌘ F
Start Debugging F5
Toggle Terminal ^ `
⊗ 7 ⚠ 197 ⓘ 20
-- NORMAL --
Spell


Get Started
Select Snippets File or Create Snippets
New Global Snippets file... New Snippets
bat (Batch)
bibtex (BibTeX)
c (C)
clojure (Clojure)
code-text-binary (Binary)
coffeescript (CoffeeScript)
cpp (C++)
csharp (C#)
css (CSS)
cuda-cpp (CUDA C++)
dart (Dart)
diff (Diff)
dockercompose (Compose)
dockerfile (Docker)
fsharp (F#)
Visual Studio
Editing evolved
Start
New File...
Open...
Recent
You have no recent folders, open a folder to start.
More...
Show welcome page on startup


Get Started
la
latex (LaTeX)
plaintext (Plain Text)
shaderlab (ShaderLab)
Visual Studio Code
Editing evolved
Start
New File...
Open...
Walkthroughs
Learn the Fundamentals
Jump right into VS Code and get an overview of the must-have features.
Boost your Productivity
More...
Recent
You have no recent folders, open a folder to start.
Show welcome page on startup
0 0

latex.json


Get Started
latex.json
Users > alecbales > Library > Application Support > Code > User > snippets > latex.json
{
// Place your snippets for latex here. Each snippet is defined under a snippet name and has a prefix, body and
// description. The prefix is what is used to trigger the snippet and the body will be expanded and inserted. Possible variables are:
// $1, $2 for tab stops, $0 for the final cursor position, and ${1:label}, ${2:another} for placeholders. Placeholders with the
// same ids are connected.
// Example:
// "Print to console": {
// "prefix": "log",
// "body": [
// "console.log('$1');",
// "$2"
//],
// "description": "Log output to console"
// }
}
0 0
Ln 1, Col 1
Tab Size: 4
UTF-8
LF
JSON with Comments

```
\begin{figure}[htbp]
    \centering
    \includegraphics[width=<++>\linewidth]{<++>.png}
    \caption{<++>}
    \label{fig:<++>}
\end{figure}
<++>
```

Figure Snippet

Revision #1

- Prefix
- Body
- Description
- “”
- ,
- \\
- \t
- $1, … , $4, $0

```
// Insert figure environment
"Insert figure environment": {
    "prefix": "fg",
    "body": [
        "\\begin{figure}[htbp]",
        "\t\\centering",
        "\t\\includegraphics[width=$1\\linewidth]{$2.png}",
        "\t\\caption{$3}",
        "\t\\label{fig:$4}",
        "\\end{figure}",
        "${0:<++>}"
    ],
    "description": "Insert figure environment"
},
```

Figure Snippet

Revision #2

- From $2
- To ${2:picName}

```
// Insert figure environment
"Insert figure environment": {
    "prefix": "fg",
    "body": [
        "\\begin{figure}[htbp]",
        "\t\\centering",
        "\t\\includegraphics[width=${1:<++>}\\linewidth]{${2:picName}.png}",
        "\t\\caption{${3:<++>}}",
        "\t\\label{fig:${4:<++>}}",
        "\\end{figure}",
        "${0:<++>}"
    ],
    "description": "Insert figure environment"
},
```

Figure Snippet

Results

```
\begin{figure}[htbp]
    \centering
    \includegraphics[width=<++>\linewidth]{picName.png}
    \caption{<++>}
    \label{fig:<++>}
\end{figure}
<++>
```

Demo

Thank you!

Questions?