

3

LaTeX in other environments

Windows
Linux
MacOS

LaTeX outside of Overleaf





Visual Studio Code


EXTENSIONS


Search Extensions in Marketplace

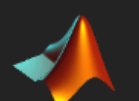
INSTALLED 41


**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 ...
clcxrolau


**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



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
 - Installation
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Categories

Programming Languages

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[Marketplace](#)

[Repository](#)

[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

VS Code built-in feature

Snippets

Template that makes it easier to
enter repeating code patterns

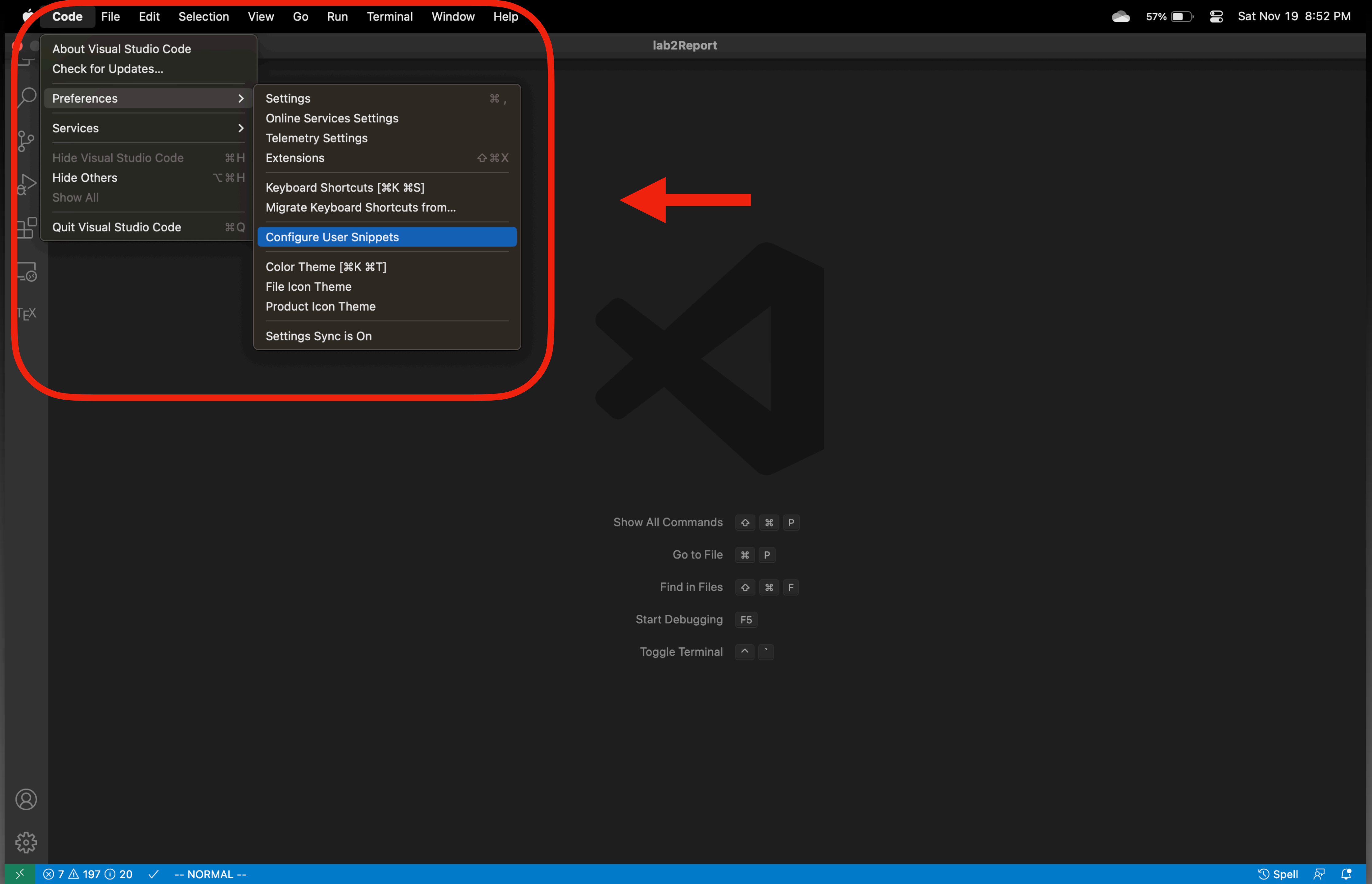
How do you create your own
Snippets?

Windows & Linux

File > Preferences > Configure User Snippets

MacOS

Code > Preferences > Configure User Snippets





Visual Studio

Editing evolved

Start

- [New File...](#)
- [Open...](#)

Recent

You have no recent folders, [open a folder](#) to start.

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#)



Boost your Productivity

[More...](#)



Get Started ×



la

latex (LaTeX)

plaintext (Plain Text)

shaderlab (ShaderLab)




Visual Studio Code

Editing evolved

Start

 New File...

 Open...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs



Learn the Fundamentals

Jump right into VS Code and get an overview of the must-have features.



Boost your Productivity

[More...](#)



Show welcome page on startup

latex.json

Get Started

{} latex.json

×

Users > alecbales > Library > Application Support > Code > User > snippets > {} latex.json

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

// 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"

// }

Ln 1, Col 1

Tab Size: 4

UTF-8

LF

{ } JSON with Comments

```
1 \begin{figure}[htbp]
2     \centering
3     \includegraphics[width=<+>\linewidth]{<+>.png}
4     \caption{<+>}
5     \label{fig:<+>}
6 \end{figure}
7 <+>
```


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

Results 1

```
1 \begin{figure}[htbp]
2   \centering
3   \includegraphics[width=\linewidth]{.png}
4   \caption{}
5   \label{fig:}
6 \end{figure}
7
```

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 2

```
1 \begin{figure}[htbp]
2   \centering
3   \includegraphics[width=<+>\linewidth]{picName.png}
4   \caption{<+>}
5   \label{fig:<+>}
6 \end{figure}
7 <+>
```

Demo

Thank *you*!

Questions?