How-To Install Visual Studio

Overview

Welcome to Visual Studio 2019! In this version, it's easy to choose and install just the features you need. And because of its reduced minimum footprint, it installs quickly and with less system impact.

 Note

This topic applies to Visual Studio on Windows. For Visual Studio for Mac, see **Install Visual Studio for Mac**.

Want to know more about what else is new in this version? See our [release notes](#).

Ready to install? We'll walk you through it, step-by-step.

Step 1 - Make sure your computer is ready for Visual Studio

Before you begin installing Visual Studio:

1. Check the [system requirements](#). These requirements help you know whether your computer supports Visual Studio 2019.
2. Apply the latest Windows updates. These updates ensure that your computer has both the latest security updates and the required system components for Visual Studio.
3. Reboot. The reboot ensures that any pending installs or updates don't hinder your Visual Studio install.
4. Free up space. Remove unneeded files and applications from your system drive by, for example, running the Disk Cleanup app.

For questions about running previous versions of Visual Studio side by side with Visual Studio 2019, see [Visual Studio 2019 Platform Targeting and Compatibility](#).

Step 2 - Download Visual Studio

Next, download the Visual Studio bootstrapper file.

To do so, choose the following button, choose the edition of Visual Studio that you want, choose **Save**, and then choose **Open folder**.
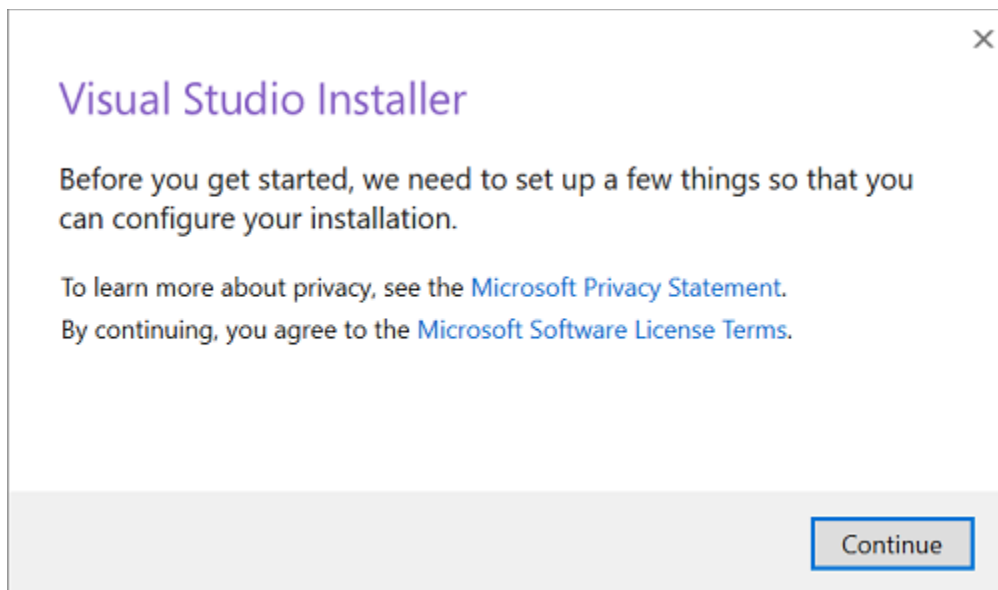
[Download Visual Studio](#)

Step 3 - Install the Visual Studio Installer

Run the bootstrapper file to install the Visual Studio Installer. This new lightweight installer includes everything you need to both install and customize Visual Studio.

1. From your **Downloads** folder, double-click the bootstrapper that matches or is similar to one of the following files:
   - **vs_community.exe** for Visual Studio Community
   - **vs_professional.exe** for Visual Studio Professional
   - **vs_enterprise.exe** for Visual Studio Enterprise

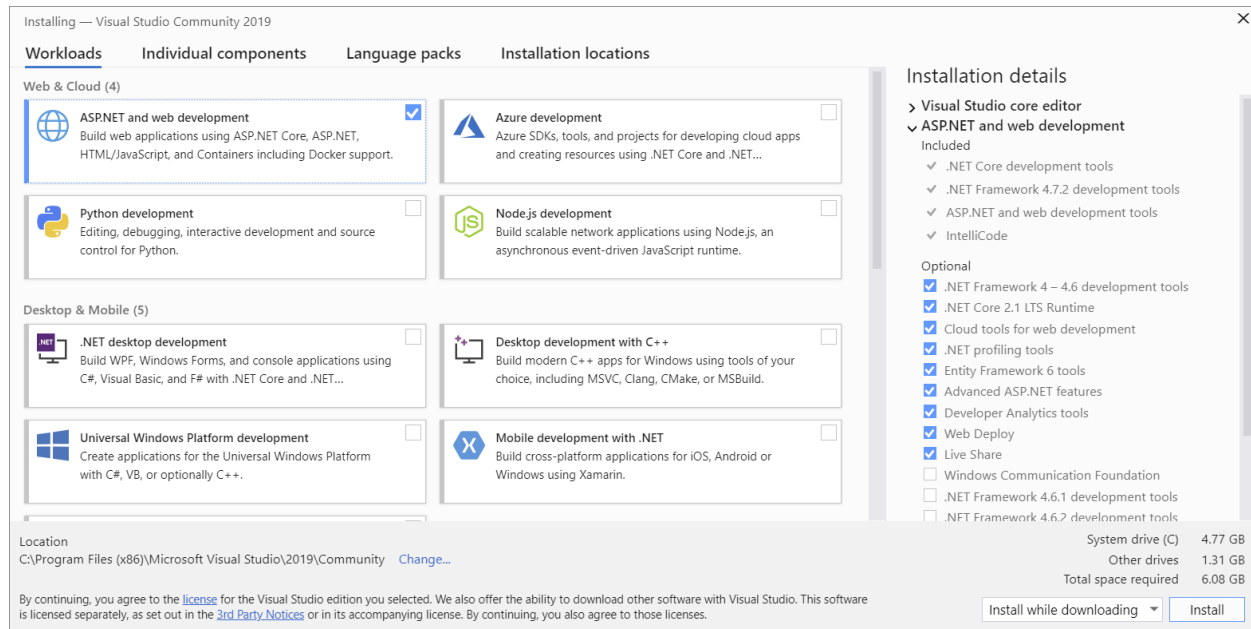   If you receive a User Account Control notice, choose **Yes**.

2. We'll ask you to acknowledge the Microsoft [License Terms](#) and the Microsoft [Privacy Statement](#). Choose **Continue**.

Step 4 - Choose workloads

After the installer is installed, you can use it to customize your installation by selecting the feature sets—or workloads—that you want. Here's how.

1. Find the workload you want in the **Visual Studio Installer**.

For example, choose the "ASP.NET and web development" workload. It comes with the default core editor, which includes basic code editing support for over 20 languages, the ability to open and edit code from any folder without requiring a project, and integrated source code control.

2. After you choose the workload(s) you want, choose **Install**.

Next, status screens appear that show the progress of your Visual Studio installation.
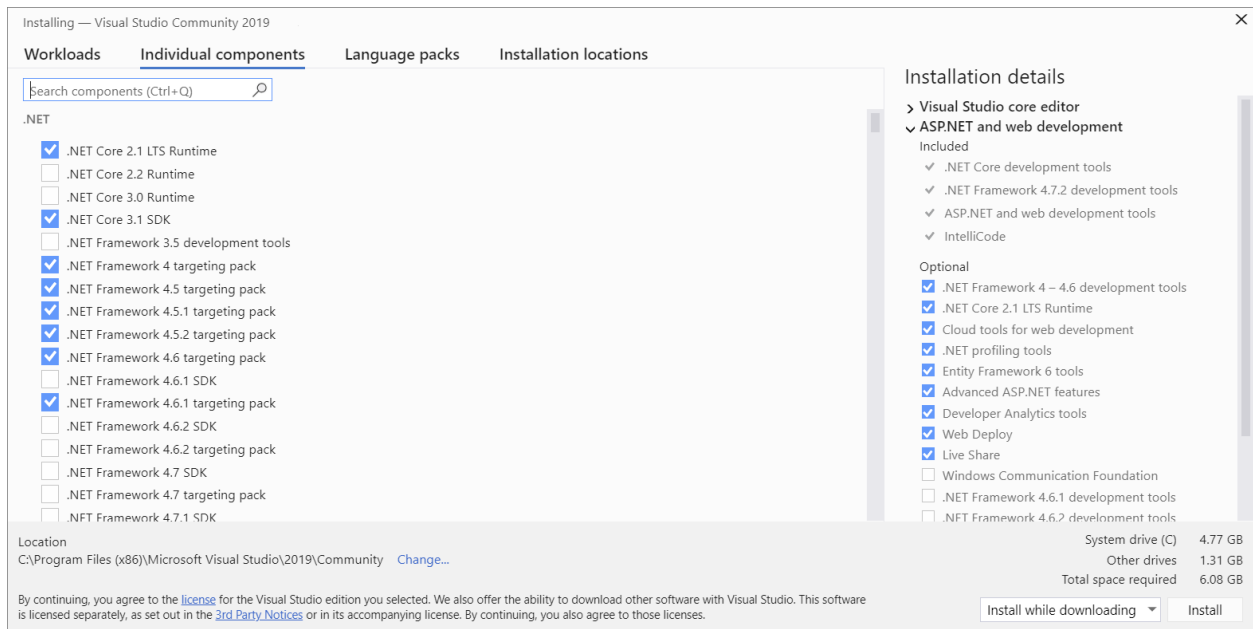
Tip

At any time after installation, you can install workloads or components that you didn't install initially. If you have Visual Studio open, go to **Tools** > **Get Tools and Features...** which opens the Visual Studio Installer. Or, open the **Visual Studio Installer** from the Start menu. From there, you can choose the workloads or components that you wish to install. Then, choose **Modify**.

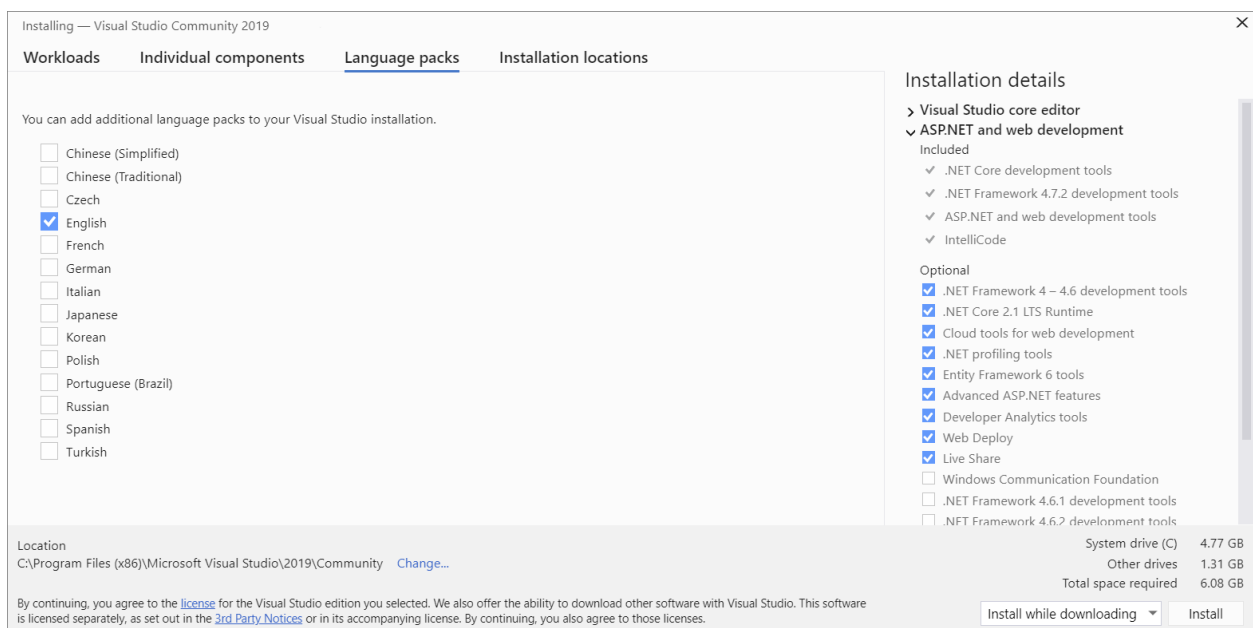# Step 5 - Choose individual components (optional)

If you don't want to use the Workloads feature to customize your Visual Studio installation, or you want to add more components than a workload installs, you can do

so by installing or adding individual components from the **Individual components** tab. Choose what you want, and then follow the prompts.

Step 6 - Install language packs (optional)

By default, the installer program tries to match the language of the operating system when it runs for the first time. To install Visual Studio in a language of your choosing, choose the **Language packs** tab from the Visual Studio Installer, and then follow the prompts.
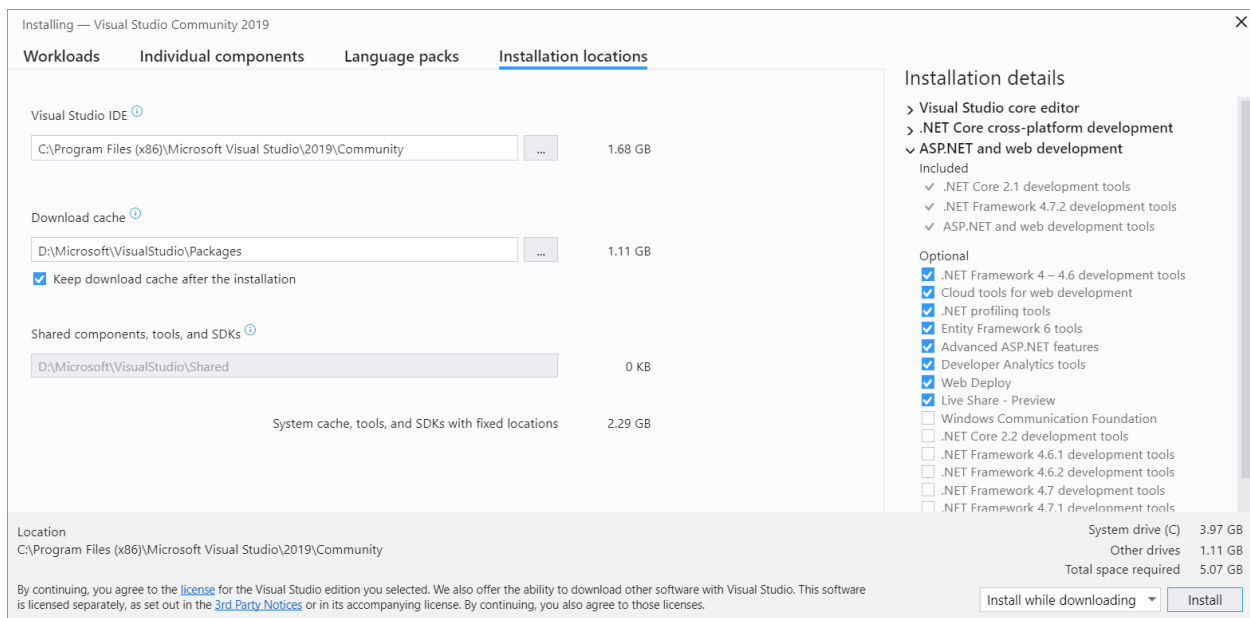
Change the installer language from the command line

Another way that you can change the default language is by running the installer from the command line. For example, you can force the installer to run in English by using the following command: `vs_installer.exe --locale en-US`. The installer will remember this setting when it is run the next time. The installer supports the following language tokens: zh-cn, zh-tw, cs-cz, en-us, es-es, fr-fr, de-de, it-it, ja-jp, ko-kr, pl-pl, pt-br, ru-ru, and tr-tr.

Step 7 - Select the installation location (optional)

You can reduce the installation footprint of Visual Studio on your system drive. You can choose to move the download cache, shared components, SDKs, and tools to different drives, and keep Visual Studio on the drive that runs it the fastest.

 Important

You can select a different drive for **Visual Studio IDE** or **download cache** only when you first install Visual Studio. If you've already installed it and want to change drives, you must uninstall Visual Studio and then reinstall it.

If you've installed Visual Studio on your computer before, you won't be able to change the **Shared components, tools, and SDKs** path and it will appear greyed out. This location is shared by all installations of Visual Studio.

Step 8 - Start developing

1. After Visual Studio installation is complete, select the **Launch** button to get started developing with Visual Studio.
2. On the start window, choose **Create a new project**.
3. In the search box, enter the type of app you want to create to see a list of available templates. The list of templates depends on the workloads that you chose during installation. To see different templates, choose different workloads.

   You can also filter your search for a specific programming language by using the **Language** drop-down list. You can filter by using the **Platform** list and the **Project type** list, too.

4. Visual Studio opens your new project, and you're ready to code!

Courtesy: https://docs.microsoft.com/en-us/visualstudio/install/install-visual-studio?view=vs-2019

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