

# C# Installation Instructions

Installing C# is straightforward on both Windows and Mac. Follow the appropriate instructions below.

## Windows

Windows users should install the [Visual Studio Community IDE](#). Visit the [download page](#), and run the installer.

The installation wizard will ask where you'd like to install Visual Studio. Click **Next** to accept the default. The second window will prompt you to select the packages and languages you want to install. Simply proceed with the defaults, which should include Visual C#. Make sure your screen reflects the image below, and follow the installation wizard thenceforth.

# Visual Studio

Community 2015  
with Updates


Select features

- ☐ Programming Languages
  - ☒ Visual C++
  - ☒ Visual F#
  - ☒ Python Tools for Visual Studio (June 2016) (Deprecated)
  - ☐ Python Tools for Visual Studio (September 2016) (Update)
- ☐ Windows and Web Development
  - ☐ ClickOnce Publishing Tools
  - ☐ Microsoft SQL Server Data Tools
  - ☒ Microsoft Web Developer Tools
  - ☐ PowerShell Tools for Visual Studio [3rd Party]
  - ☐ Silverlight Development Kit
  - ☐ Universal Windows App Development Tools

☐ Select All

[Reset Defaults](#)

Setup requires up to 6 GB across all drives.

 By modifying this selection, you may need to manually configure Visual Studio for a complete experience.

Back

Next

Slack a TA if you run into any problems.

# Mac

Installing on Mac is a little more involved. You'll need to install C# itself, and then set up your development environment.

## Installing C

To install C# and .NET, follow the [instructions on the .NET download page](#). Slack a TA if you run into any problems.

## Installing Visual Studio Code

The Visual Studio IDE isn't available on Mac. Instead, you'll use a text editor called Visual Studio Code (VS Code).

Visit the [download link](#)—the download will start immediately—and unzip/install the file.

Next, open up VS Code, and [install the C# extension](#). While VS Code is open, press `Cmd + P`; type `ext install csharp`; and hit Enter.

## Installing Bower, Yeoman, & the aspnet Generator

Finally, you'll have to install a tool called [Yeoman](#). Yeoman sets up boilerplate code so you don't have to, using project templates, which it calls *generators*.

Yeoman is an NPM package, and you'll want to install it globally. Run:

```
# Install Yeoman
npm install -g yo

# Install ASP.NET MVC project template
npm install -g generator-aspnet
```

You'll also need a tool called [Bower](#), which is a package manager for dependencies like Bootstrap, jQuery, etc. This is another global install. Run:

```
# Install Bower
npm install -g bower
```

After that, you should be good to go.

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