[0011] Installing Visual Studio on Windows

Note: If you have already installed Visual Studio, but you aren't sure you installed the correct version, please uninstall it and then re-install it following the instructions below.

1.) Make sure you have enough disk space - you'll need at least 15GB!

Visual Studio is a large (LARGE!) program and requires lots of disk space. The more your free up before starting the install process, the better. Use Windows 10's "Disk Cleanup" program to delete as many unnecessary files as possible (including System files), then check your "Downloads" folder for unneeded large downloads.

To run the Windows 10 Disk Cleanup program, search for "Disk Cleanup" from the task bar and run it. Select your "C:" drive and press OK, check all of the checkboxes in the list that appears, then click the "Clean up System Files" button. You may need to re-check the checkboxes again after the first cleaning pass completes.

If you need more help running Disk Cleanup, please see this article:
https://neosmart.net/wiki/disk-cleanup/   **(https://neosmart.net/wiki/disk-cleanup/)**

2.) Make sure your computer meets all of the other system requirements

https://docs.microsoft.com/en-us/visualstudio/releases/2019/system-requirements#visual-studio-2019-system-requirements (https://docs.microsoft.com/en-us/visualstudio/releases/2019/system-requirements#visual-studio-2019-system-requirements)

3.) Download the Visual Studio Community 2019 and start the install process

Here is the link for the Windows version:

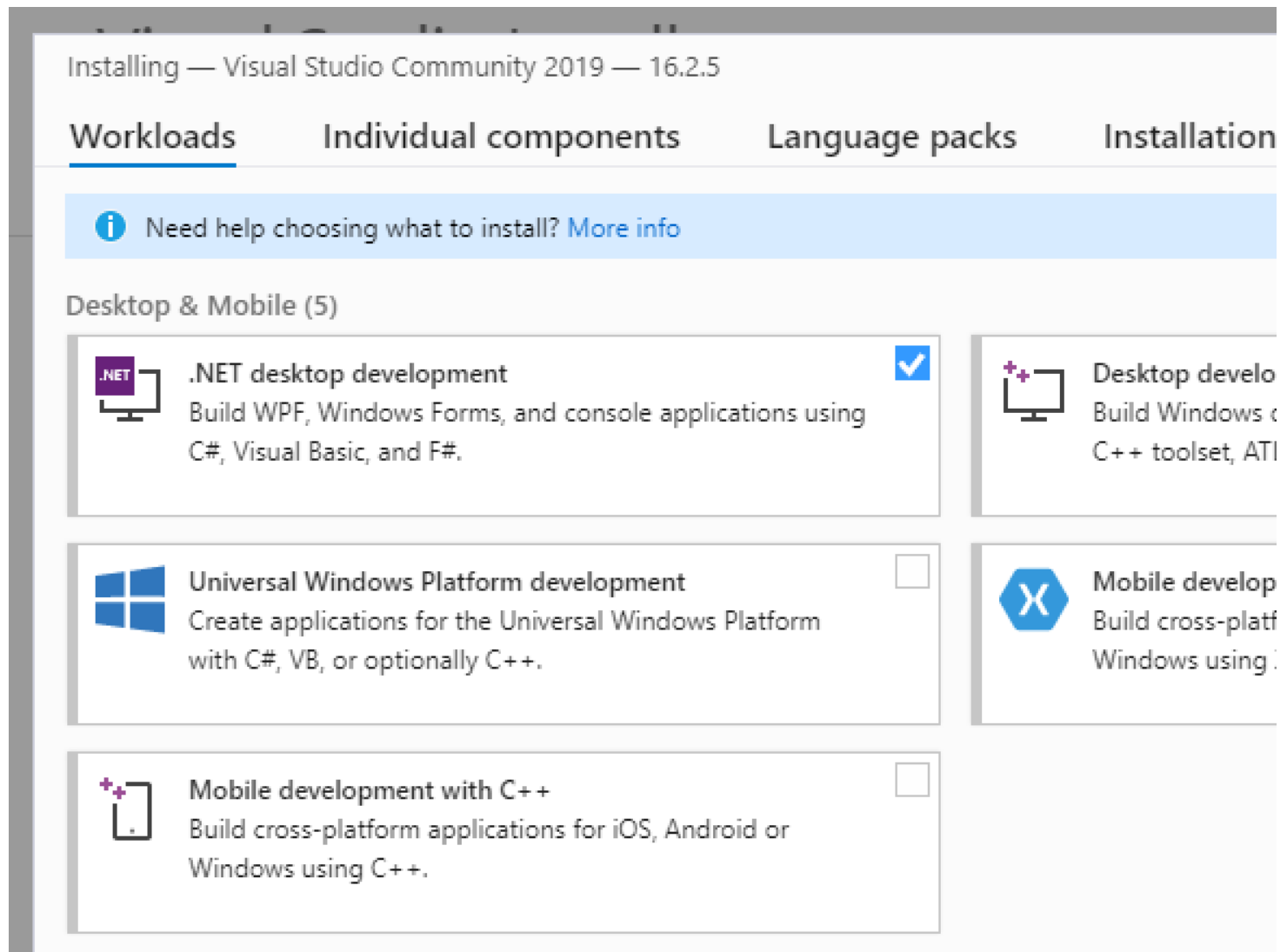**https://visualstudio.microsoft.com/vs/community/ (https://visualstudio.microsoft.com/vs/community/)**

Click that link to get started, the click the "Download" button that appers. Please be patient. It takes a little time for things to get downloaded.

4.) Complete the installation process - MAKE SURE TO CHOOSE ".NET desktop development" from the "Workloads" panel.

After the installer's file has downloaded, use your browser's "Open" command to run it (or find it in the "Downloads" folder and double-click it).

When Windows asks "Do you want to allow this app to make changes to your device?" press "Yes"

Continue the install process until you get to a screen that looks like this:
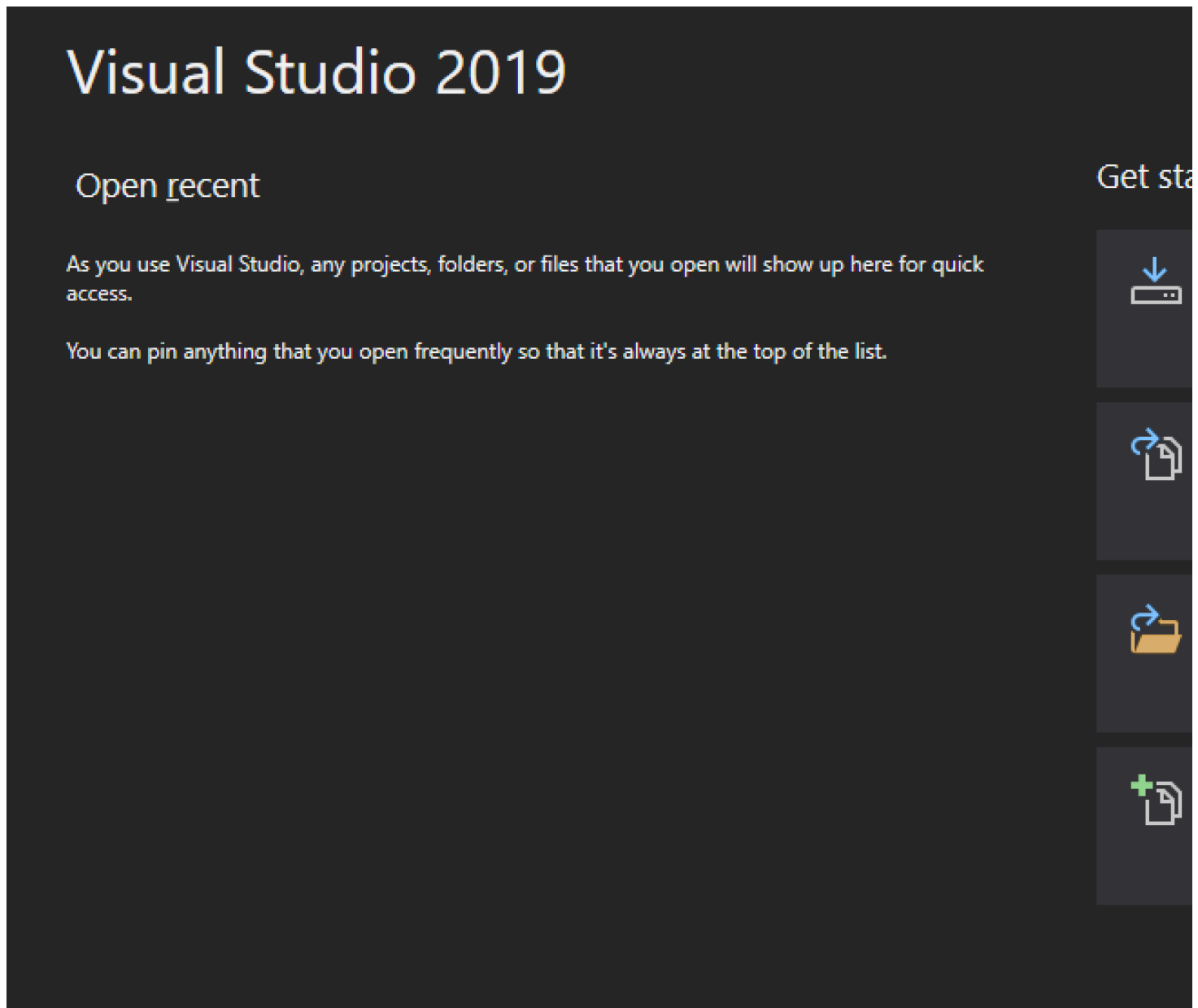

As you can see, there are many, many different options to choose from when installing Visual Studio! In our case, at this point, we just need the ".NET desktop development" workload. Check the checkbox in the upper right corner of that box, then click the "Install" button in the lower right corner of the window.

The install process will need some time to download all of the components we selected. Once it is completed, Visual Studio should automatically launch itself. It will prompt you to "Sign In" with your Microsoft account. ("Signing In" is *optional* - it can be useful if you run Visual Studio on multiple devices.)

Next, choose your color theme ("Dark mode" is awesome) and then select "Start Visual Studio".

After installation is complete, you should see the "Start Screen" appear:

Visual Studio 2019

Open recent

As you use Visual Studio, any projects, folders, or files that you open will show up here for quick access.

You can pin anything that you open frequently so that it's always at the top of the list.

Get sta

5.) RESTART YOUR COMPUTER TO COMPLETE THE INSTALLATION PROCESS!

Visual Studio doesn't make that obvious, so don't forget.

CONGRATS!! You've successfully installed Visual Studio Community 2019. Now, let's test it out! Click here to continue: [0015] Testing Visual Studio - HelloWorld (https://lwtech.instructure.com/courses/1841516/pages/0015-testing-visual-studio-helloworld)

If you are having trouble, or want to learn about the other installation options, please watch this optional video:

Getting Started with Visual Studio 2019