

Installation

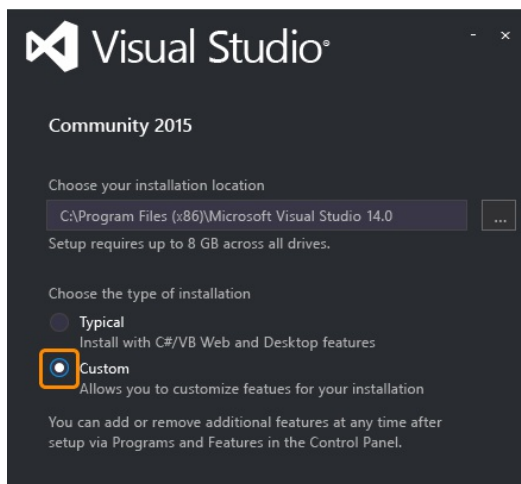
Pre-requisites

There are a few pre-requisites in order to develop with Xamarin: (On Windows)

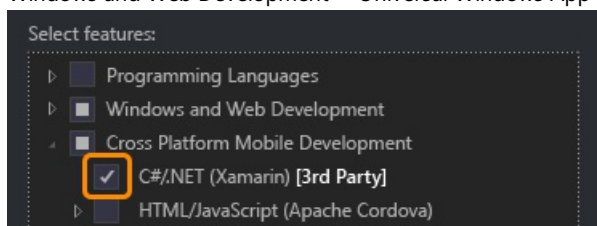
1. Visual Studio 2015 has to be installed
2. Xamarin components are installed and up-to-date
3. Windows 10 if you want to run/test Universal Windows Platform (UWP) applications

If you don't have Visual Studio installed:

1. Download Visual Studio 2015 from [here](#)
2. Run the installer
3. Select a custom install



4. Check these boxes:
- Cross-Platform Mobile Development > C#/.NET (Xamarin)
 - Cross-Platform Mobile Development > Microsoft Visual Studio Emulator for Android
 - Windows and Web Development > Universal Windows App Development Tools



5. Click install and let the installer run. (This can take up to a few hours)
6. Done

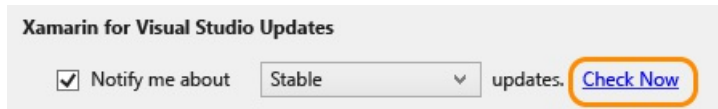
If you have Visual Studio installed:

Check if you have the Xamarin components

1. On the top bar of Visual Studio, navigate to Tools > Options.
2. If Xamarin is installed correctly, there should be a Xamarin option there.

If you have the Xamarin components

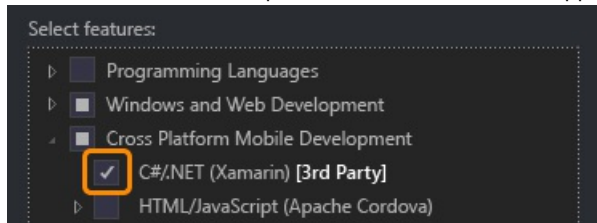
1. Go to Tools > Options > Xamarin > Other.
2. You will find a [Check Now](#) link which will allow you to update Xamarin.



3. Update Xamarin to the latest version and you're good to go!

If you don't have the Xamarin components

1. Go to Control Panel > Programs and Features.
 2. Go to Visual Studio 2015 and click **Change**
 3. Check these boxes:
- Cross-Platform Mobile Development > C#/.NET (Xamarin)
 - Cross-Platform Mobile Development > Microsoft Visual Studio Emulator for Android
 - Windows and Web Development > Universal Windows App Development Tools



4. Click install and let the installer run. (This can take up to a few hours)
5. Done