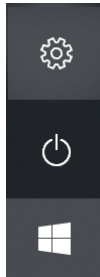


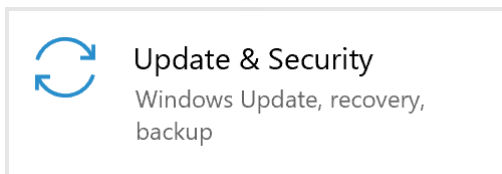
# Universal Windows Platform – Setup and Start

## Setup

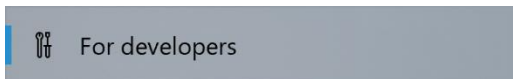
You will need to enable **Developer Mode** in **Windows 10** if this has not been done already by completing the following:



Choose **Start** then **Settings** from the **Start Menu**



Next from **Windows Settings** choose **Update & Security**



Then from **Update & Security** choose **For developers**

### ☒ Developer mode

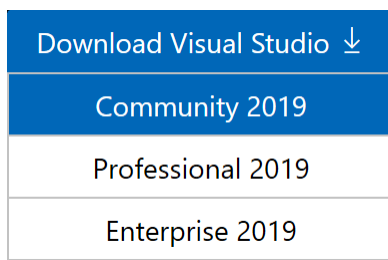
Install any signed and trusted app and use advanced development features.

Finally make sure **Developer mode** is selected

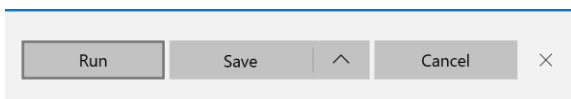
# Universal Windows Platform – Setup and Start

## Install

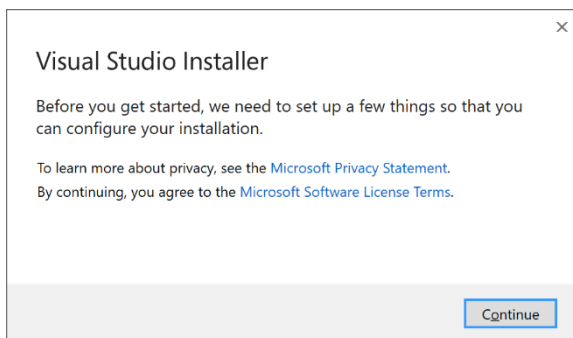
You will need to install **Visual Studio 2019 Community**, if this has not been done already you just need to do the following:



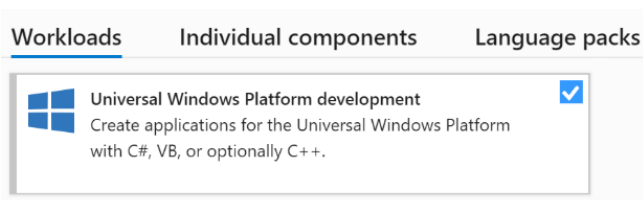
Visit [VisualStudio.com](https://visualstudio.com) and then from the **Visual Studio IDE** section choose **Download Visual Studio** then **Community 2019**



Next on the **Thank you for downloading Visual Studio** page when the download prompt appears, select **Run**



Once downloaded, this should start the **Visual Studio Installer** and select **Continue** to begin the installation



Next once ready select **Universal Windows Platform development** from the **Workloads** section

### Installation details

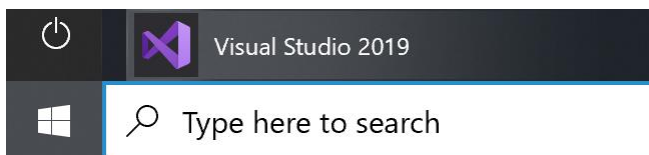
- > Visual Studio core editor
- ✓ Universal Windows Platform development
  - Included
    - ✓ Blend for Visual Studio
    - ✓ .NET Native and .NET Standard
    - ✓ NuGet package manager
    - ✓ Universal Windows Platform tools
    - ✓ Windows 10 SDK (10.0.17763.0)
  - Optional
    - ✓ IntelliCode
    - ☐ USB Device Connectivity
    - ☐ C++ (v142) Universal Windows Platform tools
    - ☐ C++ (v141) Universal Windows Platform tools
    - ☐ Graphics debugger and GPU profiler for DirectX
    - ✓ Windows 10 SDK (10.0.18362.0)
    - ☐ Windows 10 SDK (10.0.17134.0)
    - ☐ Windows 10 SDK (10.0.16299.0)

Then make sure the latest **Windows 10 SDK** has been selected from **Installation details** if not already included then select **Install** and follow any instructions to complete the installation

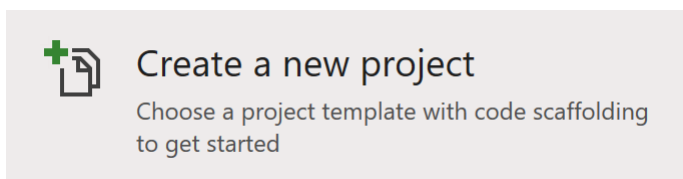
# Universal Windows Platform – Setup and Start

## Start

You will need to open **Visual Studio 2019 Community** and **Create a new project**, if this has not been done already you just need to do the following:



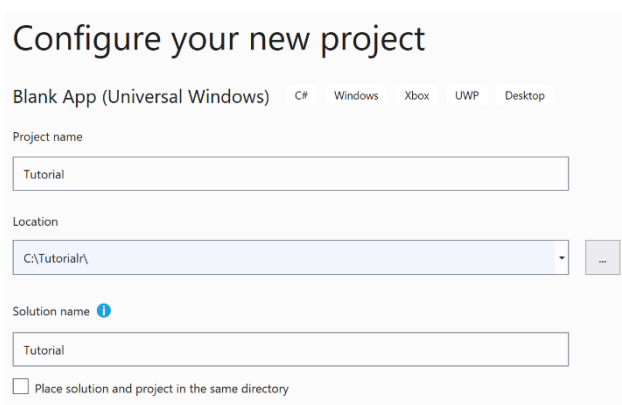
In **Windows 10** choose **Start**, and then from the **Start Menu** find and select **Visual Studio 2019**



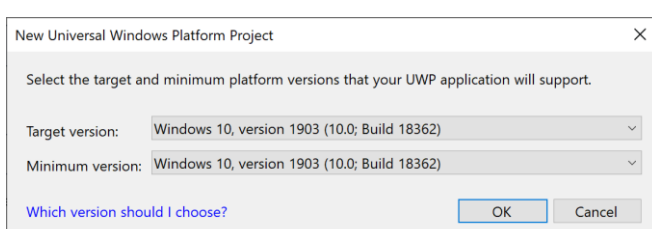
Once done, from the **Get started** screen for **Visual Studio 2019** select **Create a new project**



Choose **Blank App (Universal Windows)** and select **Next**



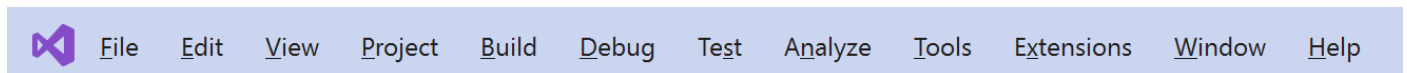
Then in **Configure your new project** enter a **Project name** and **Location** and select **Create**



Finally, in **New Universal Windows Platform Project** pick the latest **Target version** and **Minimum version** and select **OK**

# Universal Windows Platform – Setup and Start Guide

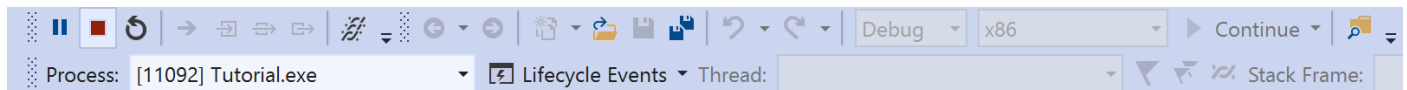
In **Visual Studio 2019** there is a **Menu** at the top



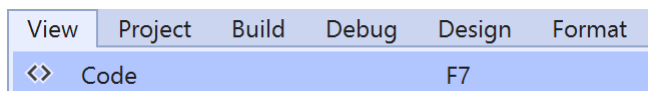
Below this is the **Toolbar**, options there include **Local Machine** to start debugging



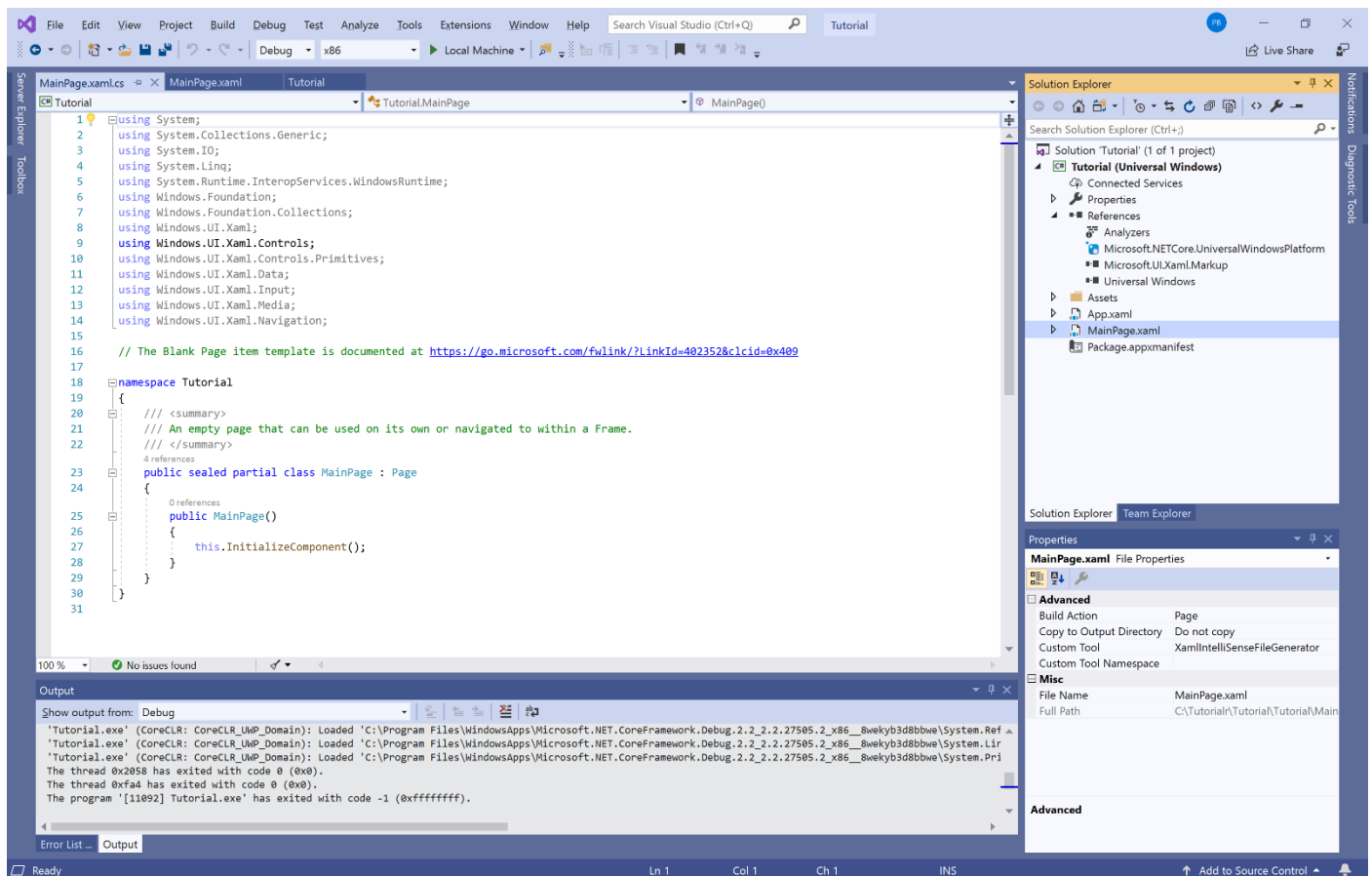
When an Application is running, the **Toolbar** will change to include other options including **Stop** to finish Debugging.



After a **Solution** or **Project** has been opened or created, choose **View** then **Code** from the **Menu**




This will display the **Code** View for the code in a **Class** or for a **XAML** page such as **MainPage.xaml.cs**



# Universal Windows Platform – Setup and Start

Also, after a **Solution** or **Project** has been opened or created, choose **View** then **Designer** from the **Menu**

View	Project	Build	Debug	Design	Format
<>	Code			F7	
	Designer			Shift+F7	

This will display the **Design** and **XAML** views for a **XAML** page such as **MainPage.xaml**

