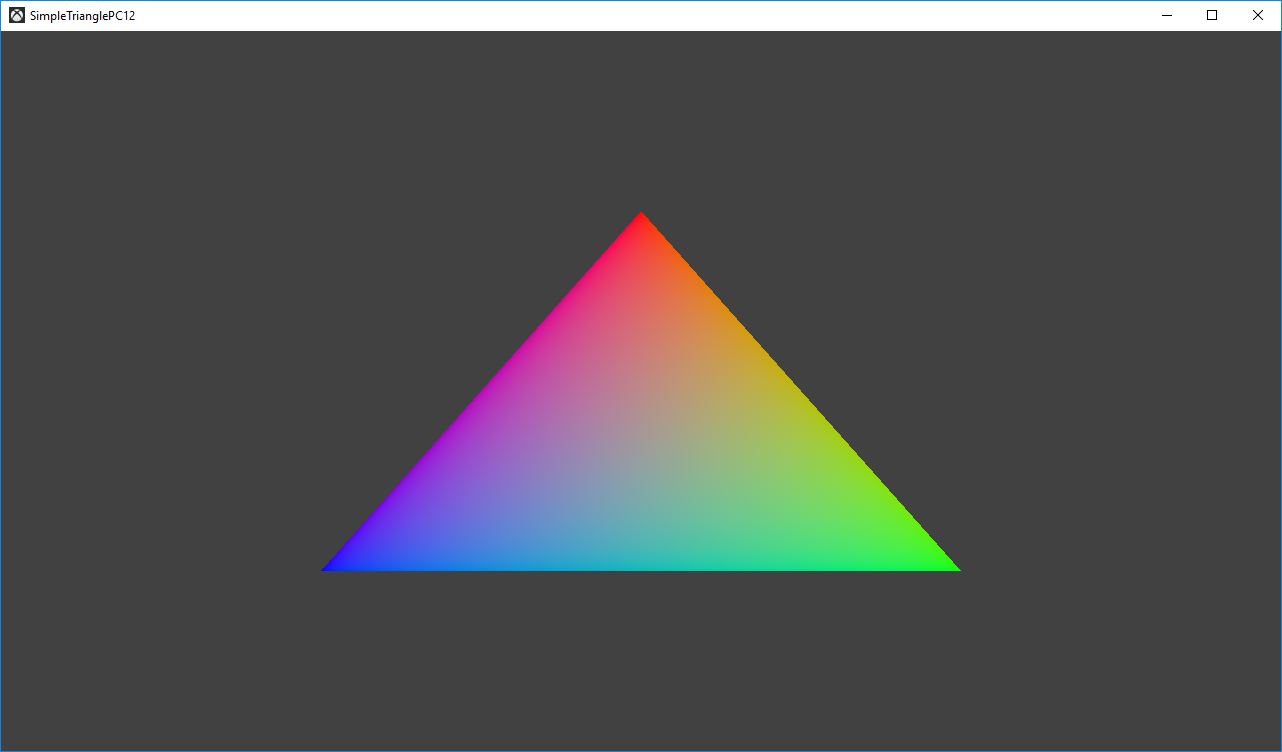
Simple Triangle Sample (PC)

*This sample is compatible with the Microsoft Game Development Kit (June 2020)*

# Description

This sample demonstrates how to create a static Direct3D 12 vertex buffer to render a triangle on screen.



# Using the sample

The sample has no controls other than exiting.

This sample will run on any Windows 10 system equipped with a DirectX 12 capable video card. In the Debug configuration if no DirectX 12 capable video card is found, it will use WARP12 if available (requires the *Graphics Tools* optional Windows component).

# Implementation notes

The primary purpose of this sample is to familiarize the reader with the ATG samples template structure, as well as provide a simple demonstration of using Direct3D 12 APIs.

**CreateDeviceDependentResources**: This is where the compiled vertex and pixel shaders blobs are loaded and the various Direct3D rendering resources are created. *The shaders are compiled by Visual Studio.*

**Render:** This is where the triangle is rendered and presented to the screen.

For details on device creation and presentation handling, see [DeviceResources](https://github.com/Microsoft/DirectXTK12/wiki/DeviceResources).

For details on the use of the loop timer, see [StepTimer](https://github.com/Microsoft/DirectXTK/wiki/StepTimer).