Downloads you will need:
Visual Studio 2015, Community Edition
https://www.visualstudio.com/en-us/products/visual-studio-community-vs.aspx
(Make sure you include C++)

NDI SDK
http://pages.newtek.com/NDI-Developers.html

NDI Tools
http://pages.newtek.com/NDI-Tools-Pack-Download.html

NewTek Connect (for generating video from a webcam on another machine)
http://pages.newtek.com/NDI-Connect-Download.html

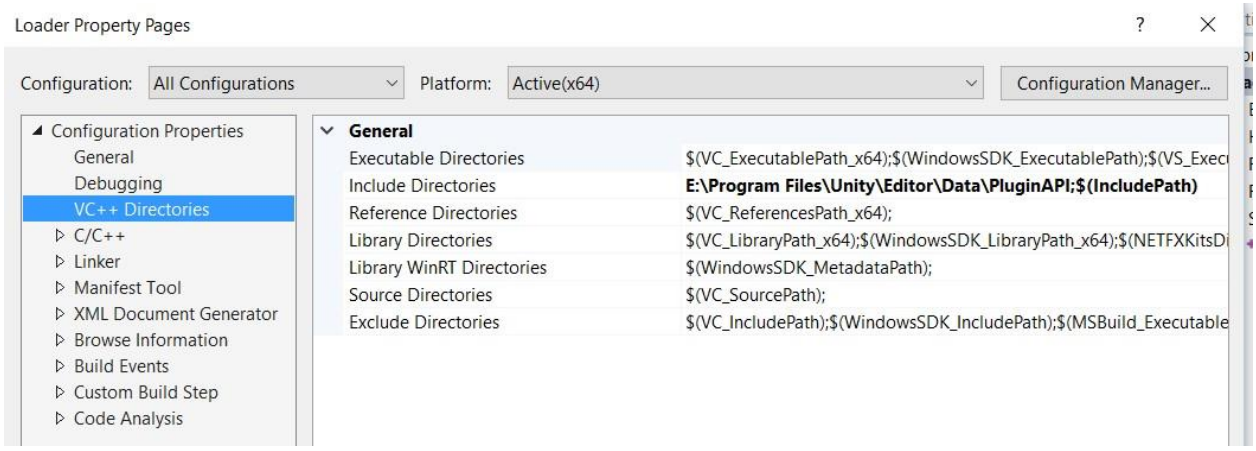
Unity, personal edition
https://unity3d.com/get-unity

Then, unzip the project files.
There should be two folders:

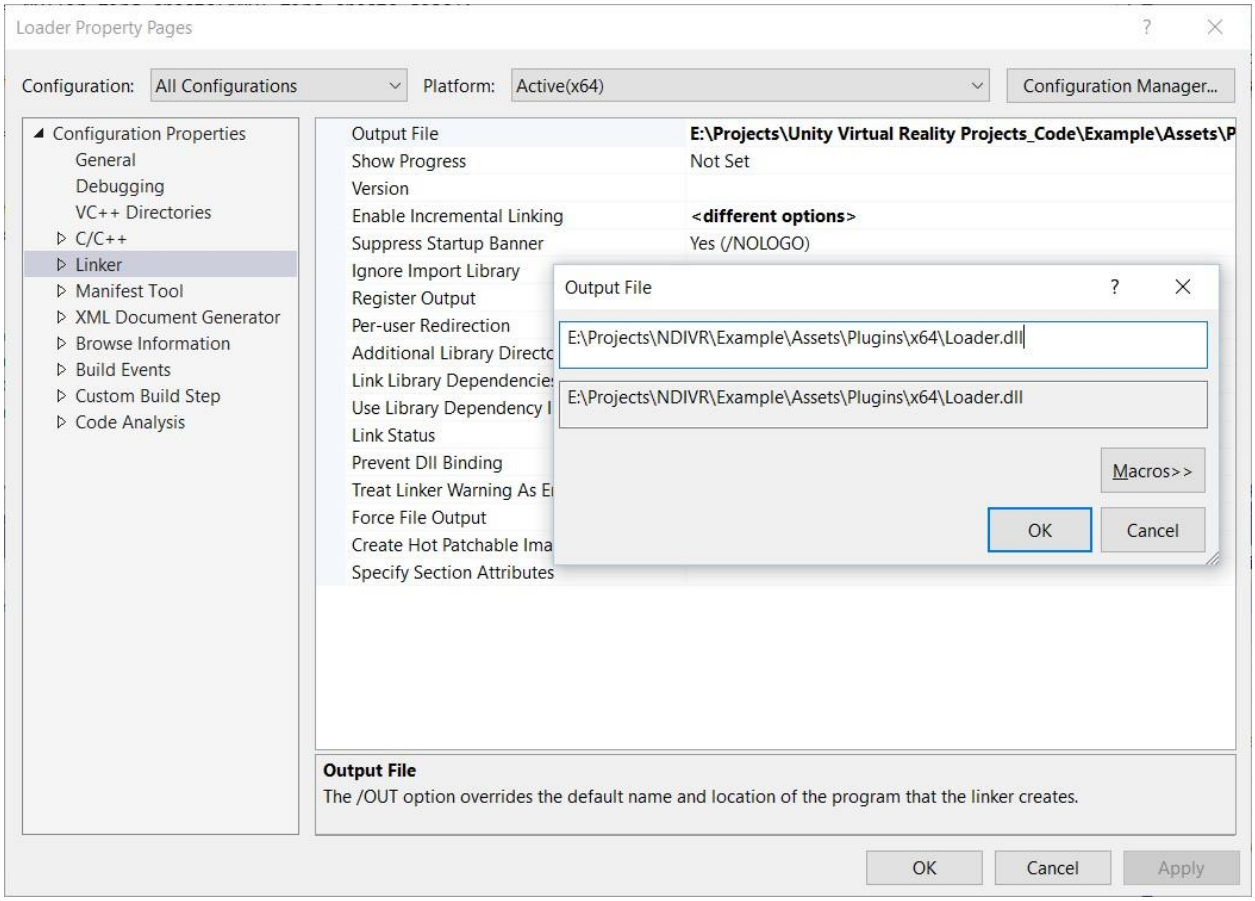
- Loader: This is the MSVC project for the loader dll that reads from NDI and writes to a texture.
- Example: This is the Unity project that invokes the loader.

Go to the Loader folder and double-click on Loader.sln to open it in MSVC 2015 (The free community edition.)

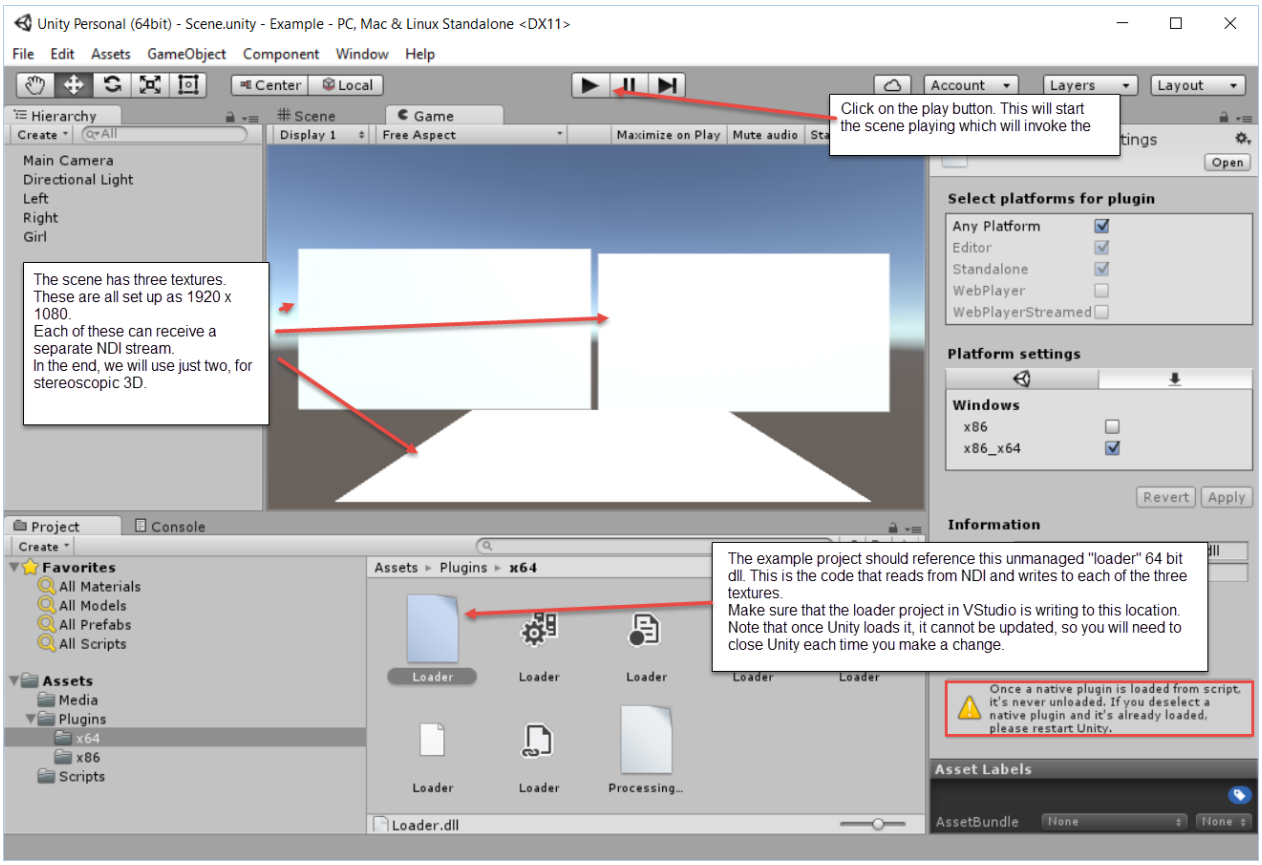
Configure the project to build by pointing it to the correct include folder for Unity (mine is on an E: drive. More typically it will be on C:)



And make sure that the output is being sent to the Unity Project's Assets location (more on that below – you can also view this location in the Unity project.)



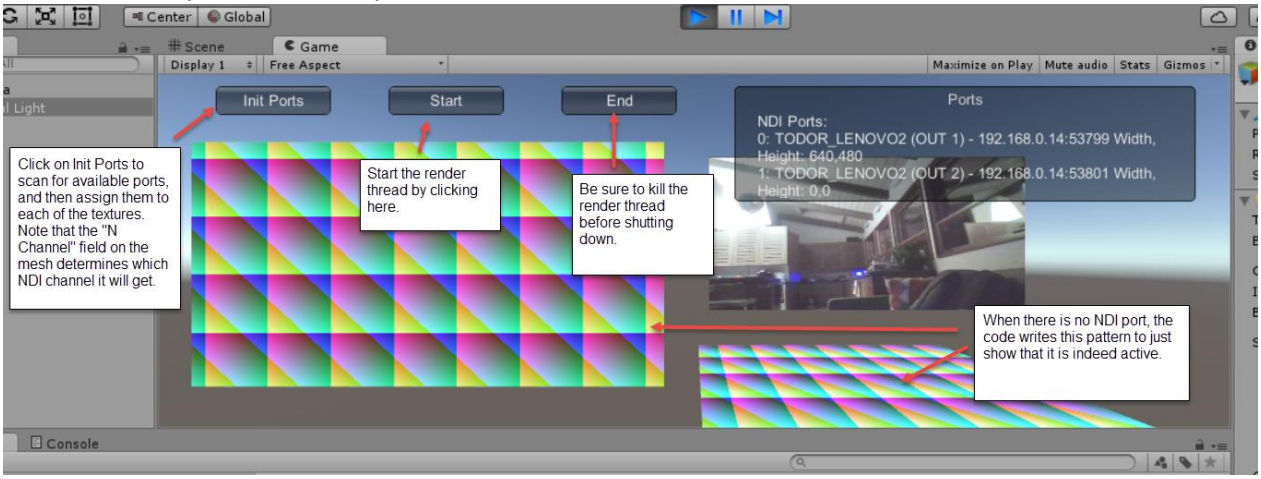
Once this compiles, open Unity and chose the Open command to load from a file.
Select the Example folder. (Unity loads a folder as a project.)
Once it opens, click in the “Game” tab and it should look something like this:



This is a very simple project that has three textures which will receive video from NDI.

You are now ready to run it.

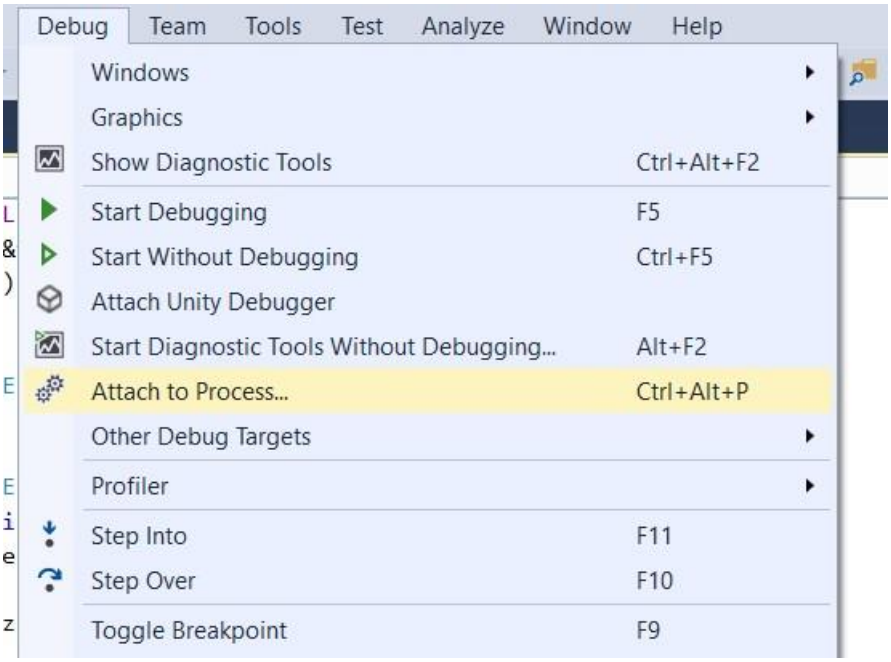
Click on the Play button in Unity.



To edit any of the scripts, stop playback and either double click on the script here in the assets, or invoke it by double clicking on “Example.sln” in the Example folder.

The three scripts are:
Loader – the wrapper functions for the dll calls.
Sample – code to manage each texture and set it up to read from NDI.
Toggle – the UI code, which handles the buttons and responds to each of them.

Debugging in the dll:
Make a Debug build. It should be 64 bit, not x86 (32 bit).
(Both the debug and release projects should output to the same file.)
From the dll Loader project (C++) choose Attach to Process. Be sure to use the regular attach, not the Unity debugger:



Set a break point where you want to step through the code.
Hit the run button in Unity.

The dll should load and hit your break point.