

# MUS 470L Lab Assignment 1

## Setup for Plugin Development

Fall 2021

**First checkin: Wednesday, September 1.**

**Final checkin: Wednesday, September 8.**

This assignment is to set up the Steinberg VST3 SDK on your development machine.

1. Download and install the current version of CMake
2. Download the VST3 SDK
3. Check out Pirkle's video: How to setup the VST3 SDK's Sample Plugin Projects  
<https://www.youtube.com/watch?v=004zcWwgi1A>
4. Generate Visual Studio Project as outlined in video
5. Compile above project
6. Download and install latest version of Reaper (DAW software)
7. Install sample plugins so that they can be found by Reaper
8. Get the simple gain plugin "Again" working in Reaper
9. Run as many of these plugins in a Reaper session as you can

I will check in with you on Wednesday's lab, Sep.1. Get as many of these steps done as possible by then, and be prepared to show me what you have running and what is not working. It is possible that some of the earlier steps give you more trouble, so don't worry if not everything is actually working on Wednesday. Your grade for this checkin will be based mostly on effort, to see that you are tackling the setup, but it would be great of course if you get it all working, which is of course the goal for the final checkin. Please feel totally free to work on this together, and share tips to get stuff working. The goal is simply to get it working on your development machine.