

1. Goals

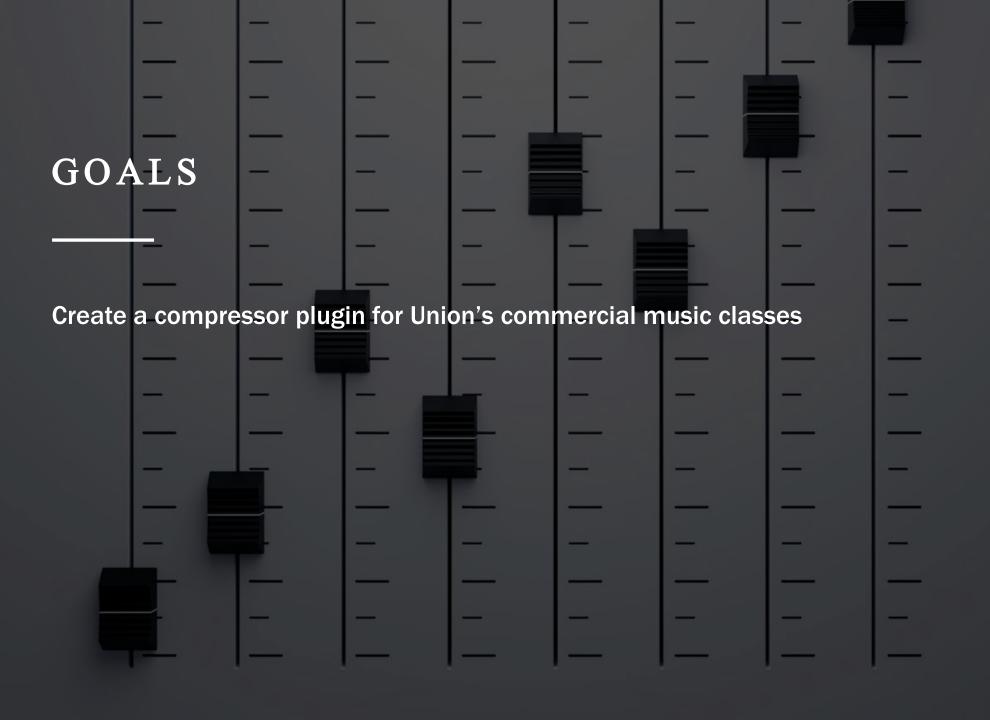
- 1. Goals
- 2. Road Travelled

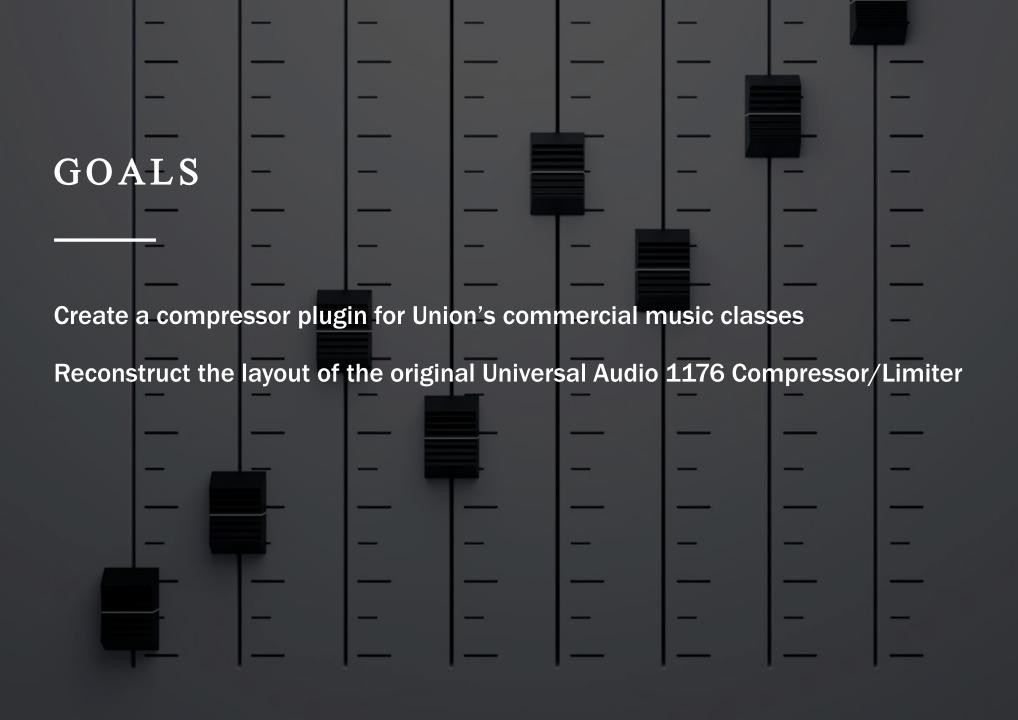
- 1. Goals
- 2. Road Travelled
- 3. Lessons Learned

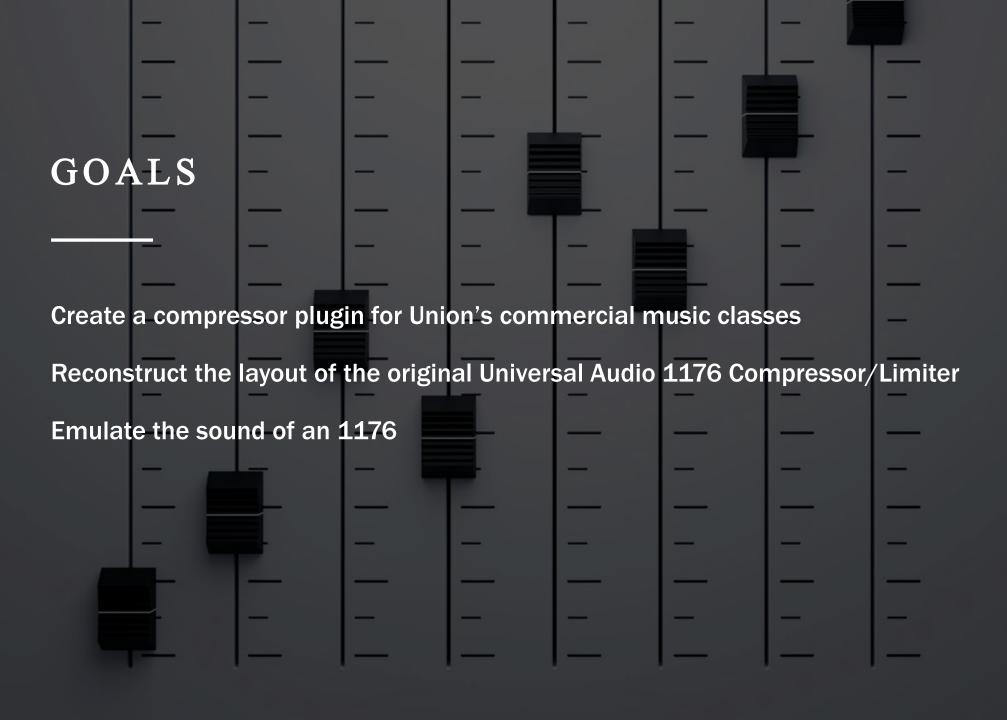
- 1. Goals
- 2. Road Travelled
- 3. Lessons Learned
- 4. Demo

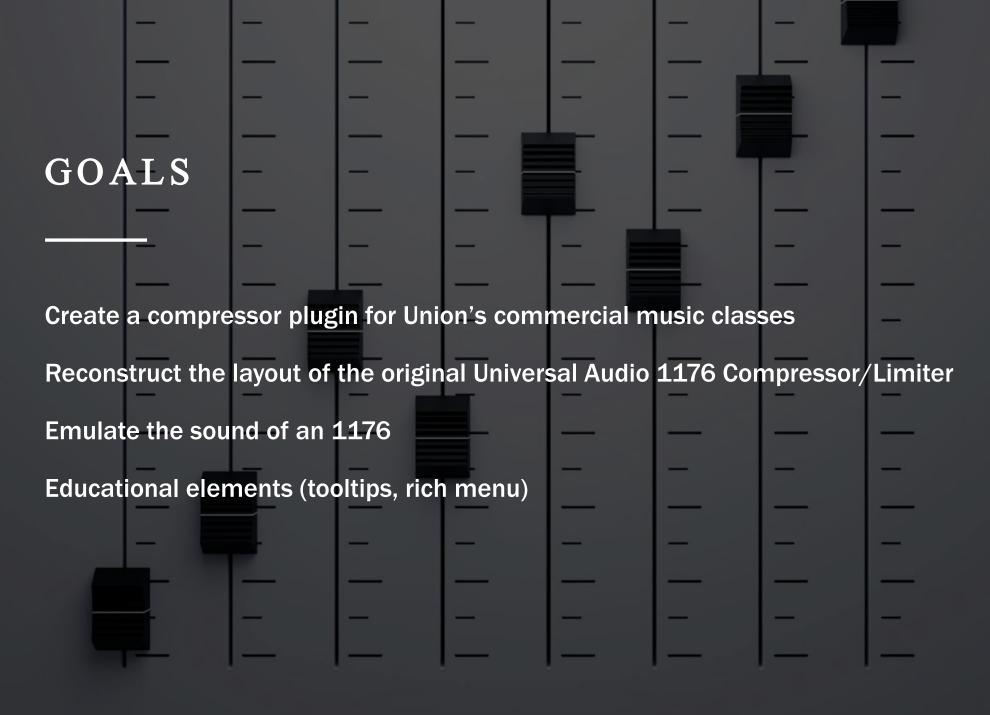
- 1. Goals
- 2. Road Travelled
- 3. Lessons Learned
- 4. Demo
- 5. Questions















Leading framework for developing multi-platform audio applications

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- Project management with Projucer application

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- Build VST, VST3, AU, RTAS and AAX format plugins with ease, and host VST and AU plugins inside your own applications
- Provides classes to manage audio I/O, audio processing (DSP), and media reading and writing

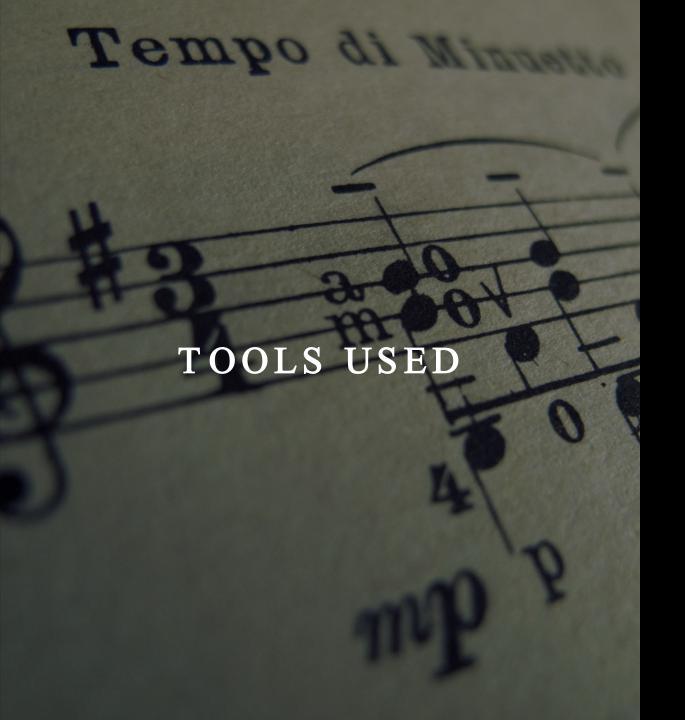


IDE: Xcode 11.3.1



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Testing environment: Logic Pro, Pro Tools



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Testing environment: Logic Pro, Pro Tools

Format: Audio Unit (Component)

**Effect used in live and studio contexts** 

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**Balance and control dynamics** 

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**Balance and control dynamics** 

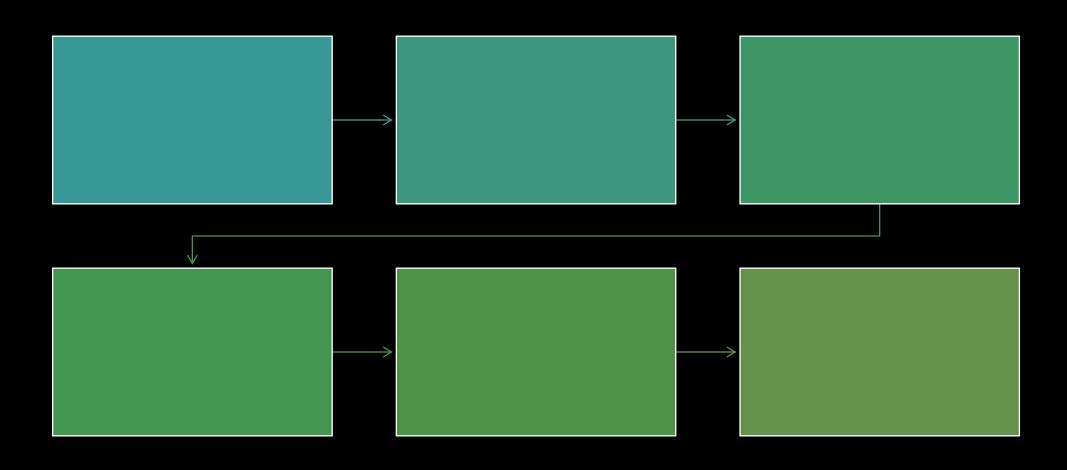
Make loud sounds quieter/soft sounds louder

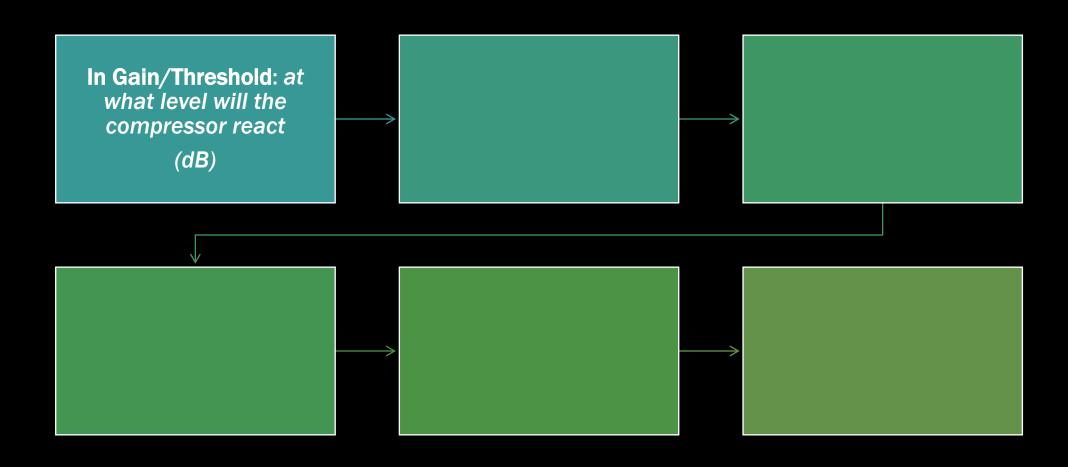
Effect used in live and studio contexts

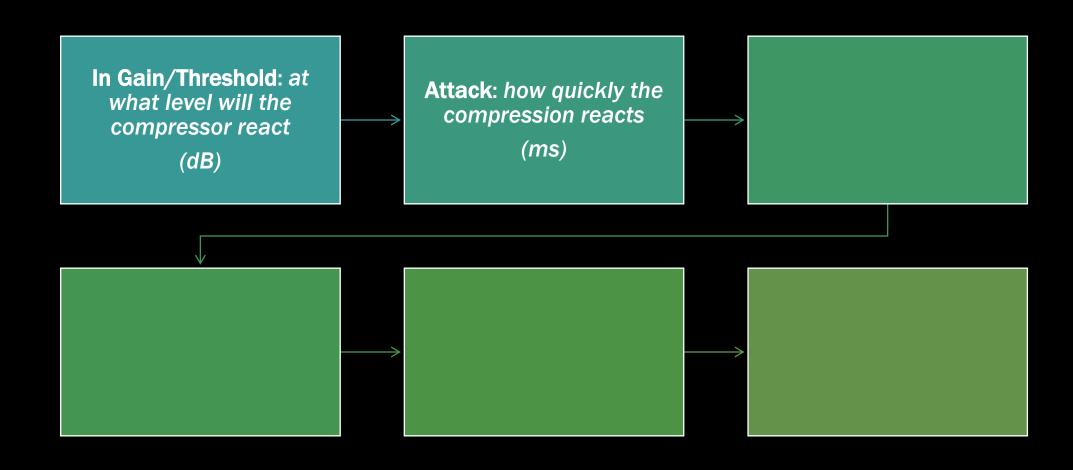
**Balance and control dynamics** 

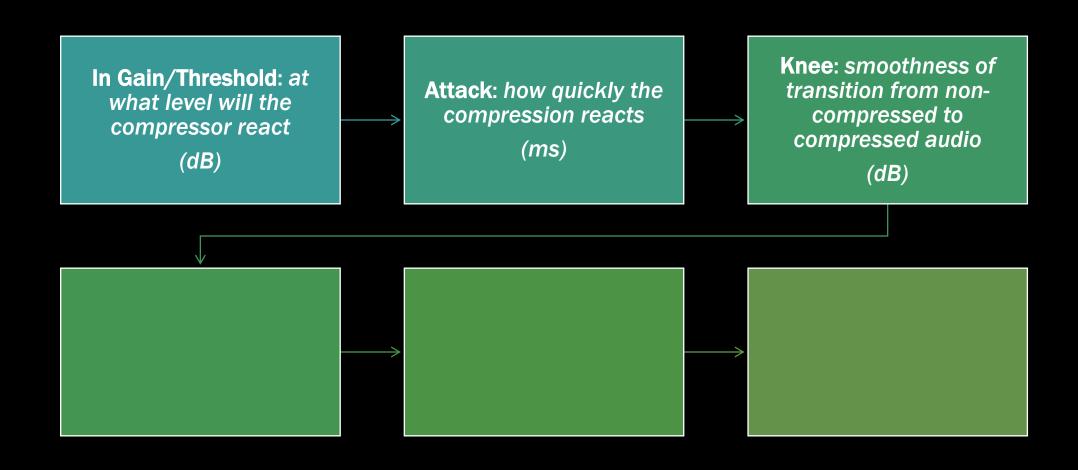
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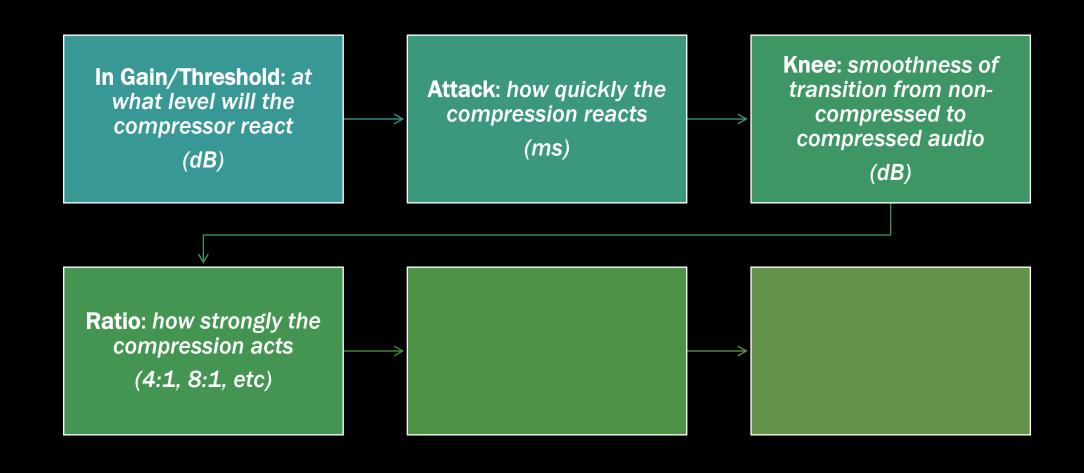
Add color to a sound

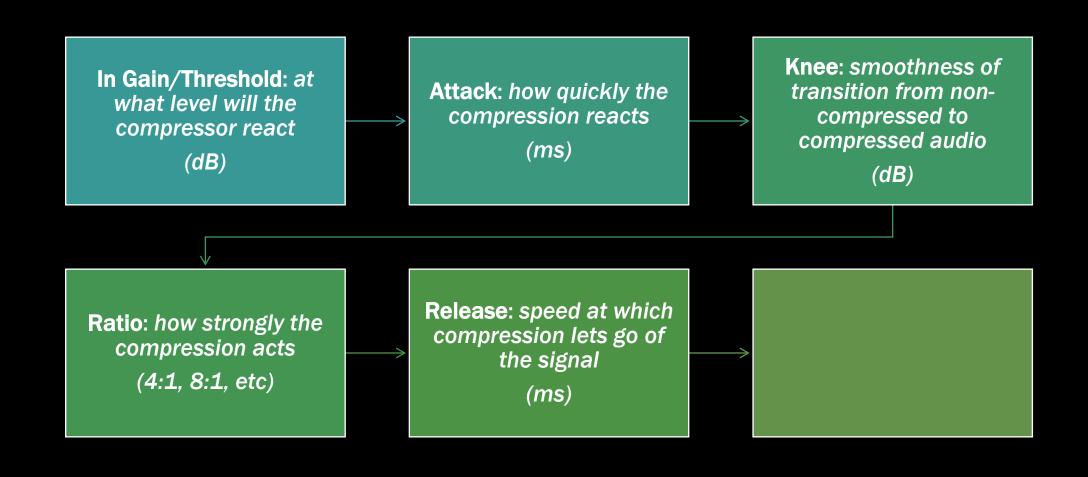


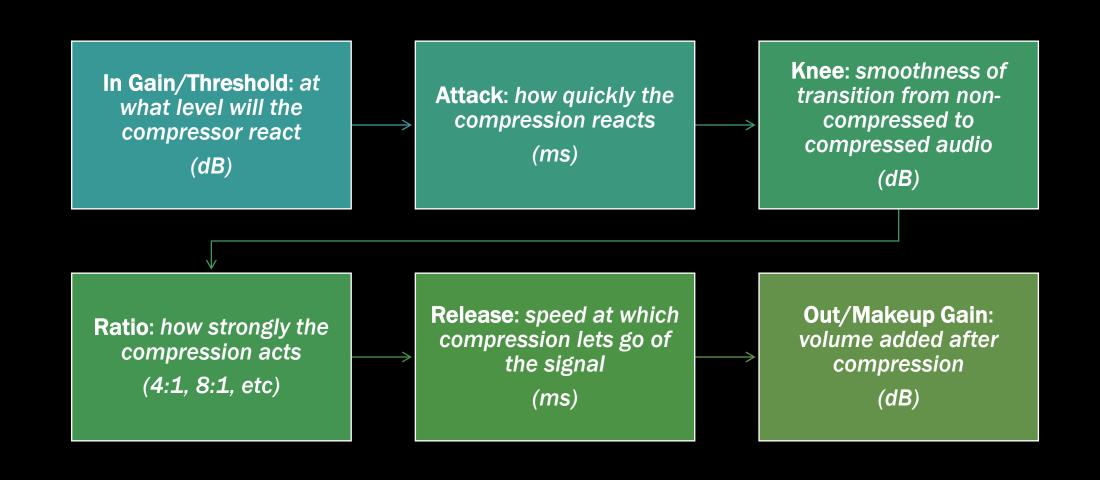


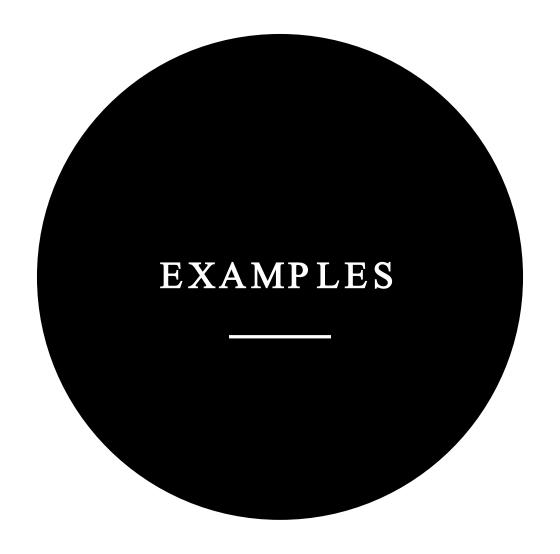




















# THE UA 1176LN







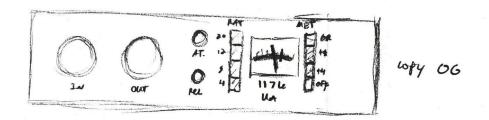
Met with client, Bob Mayo

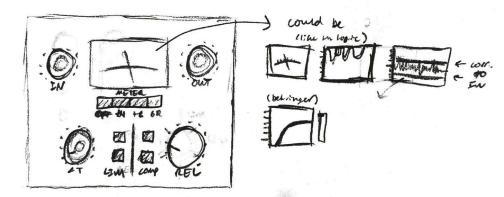


Met with client, Bob Mayo

Early design ideas

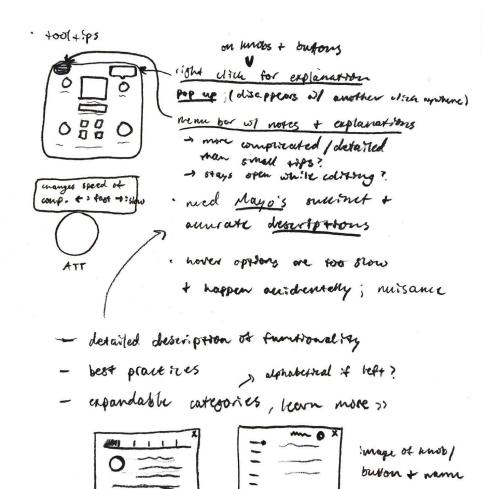
September

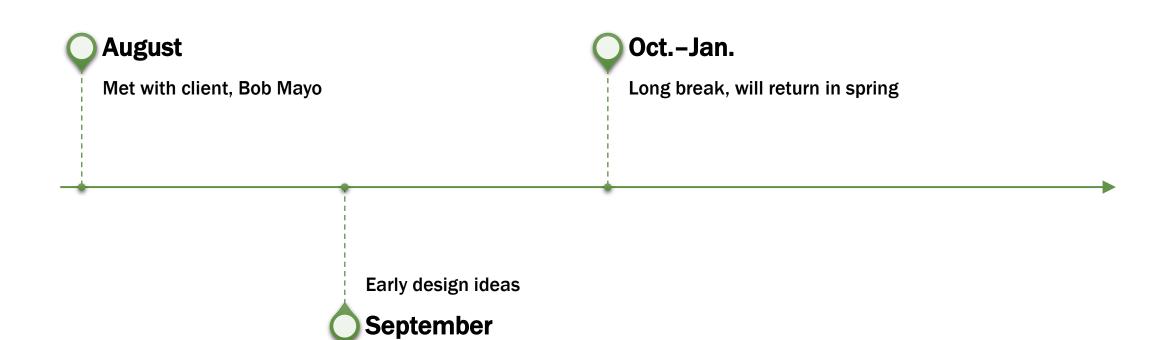




progression through stages of signal in -> attach -> rates -> rubease -> out

" styles: white, black, blue, + orange simple/ minimalist scheme; or hyper-realistic

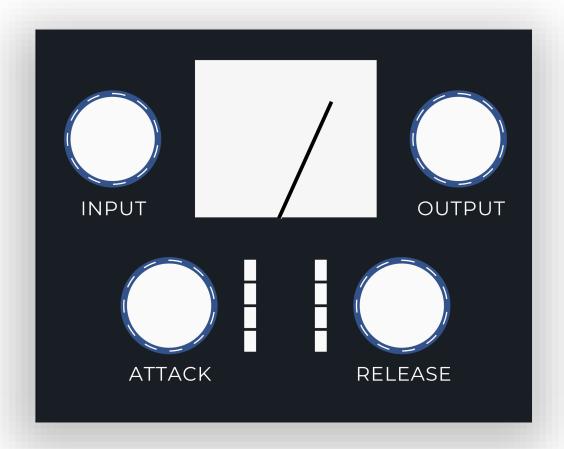


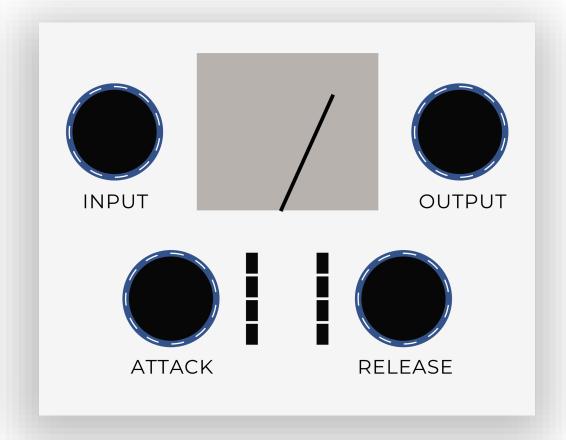




#### February

Signed contract
Learning C++ basics
GUI development
Xcode issues





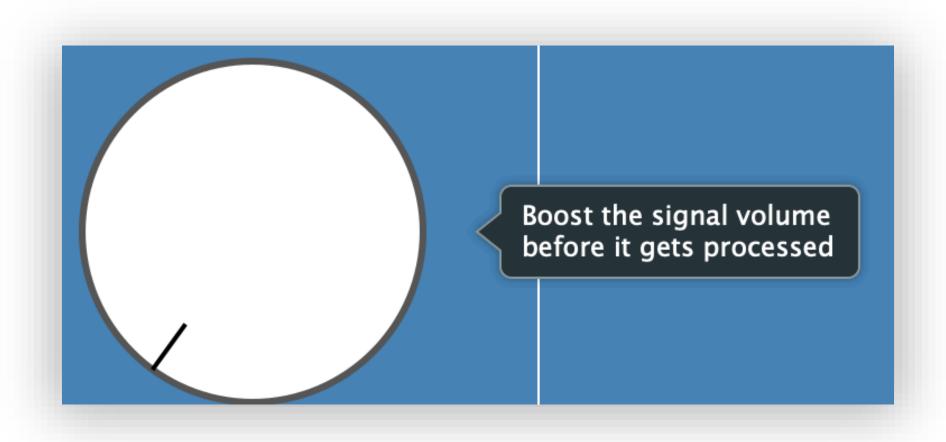


#### **February**

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Xcode issues

GUI ready to go Troubles with tooltips Got help on Discord

March





Signed contract
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GUI development
Xcode issues



#### **April**

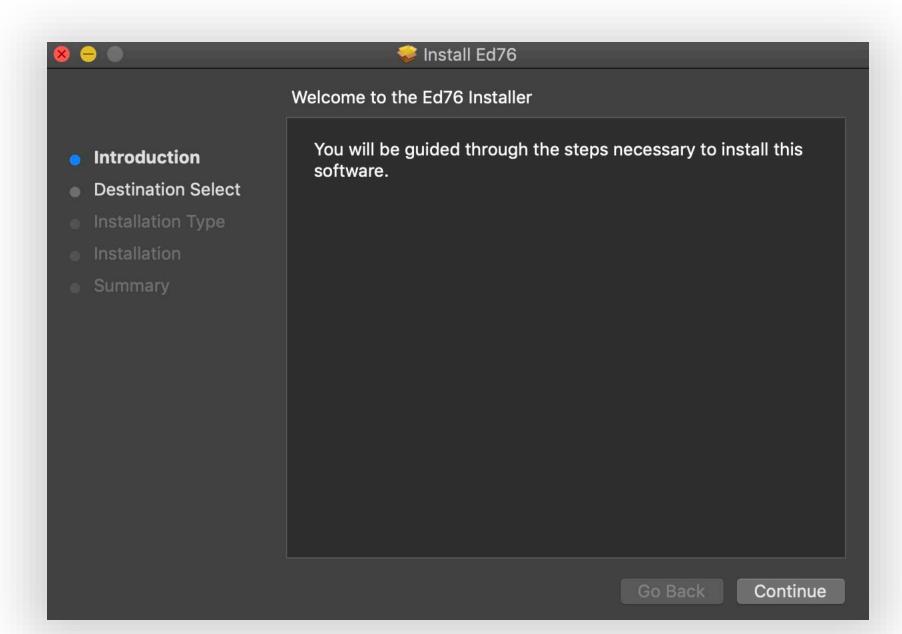
Salvage mode
Rabbit trail plan B for DSP
Plan C worked out
Not much time for testing

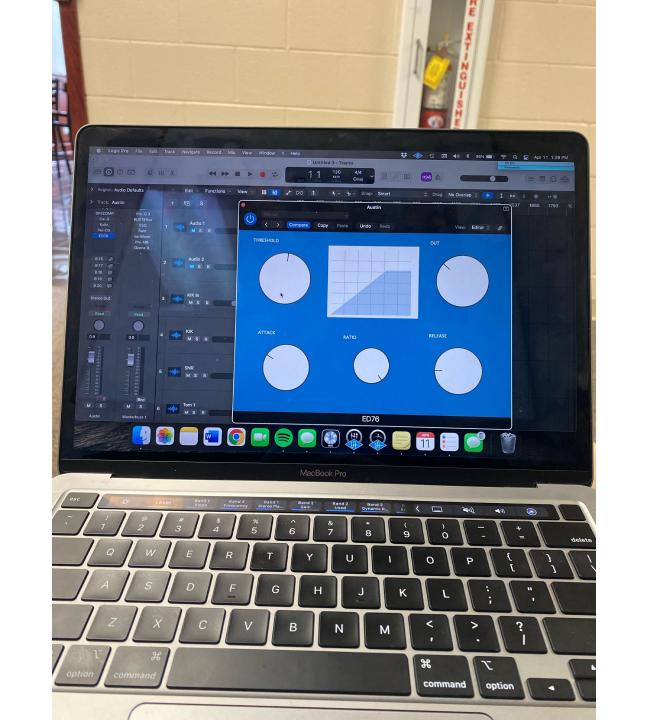
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https://github.com/DanielRudrich/SimpleCompressor







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**Video vs text tutorials** 

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**Deciphering the JUCE documentation** 

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**Customizing the GUI** 

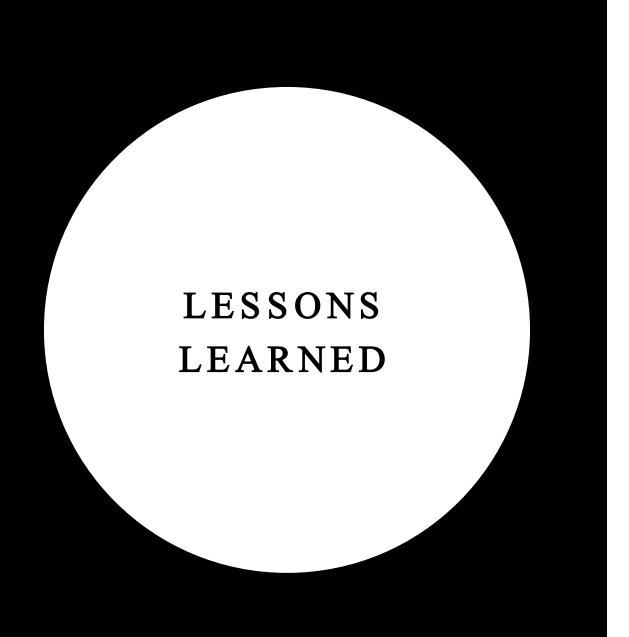
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**Video vs text tutorials** 

**Deciphering the JUCE documentation** 

**Customizing the GUI** 

**DSP** algorithms and implementation





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50 total hours can be 75% treading water



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Motivation is hard to come by

