Make Your Own Music Software.
An Introduction to Max.

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Max patches available for download from http://westliberty.edu/music/max

Max is a graphical programming environment for midi, audio, and video. Max can be used to create standalone software for sequencing, processing, synthesis, sampling, recording, computer-aided-instruction, and any other use imaginable.

Today's session will feature examples of programs created with Max and a brief introduction to programming in Max.

Examples from the session:

NoteID - Identify the note by clicking the appropriate key on the piano keyboard.

ChordQuality - Identify the quality (major or minor) of a randomly generated triad.

SpectroSono - Display the spectrograph or sonogram of a sound source.

AdditiveSynth - Monophonic additive synthesizer built with sine waves.

yetanotherdubstepbasssynth - "Yet another dubstep bass synth" Synthesizer with IR filter and automated cutoff frequency control for all the dubstep goodness you could ever want.