Audio Programming with Chuck

Session 3: Sound File Manipulation

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Mini-course Schedule

08/01/2019	Session 1: Basics: Sound, Waves, and Chuck initiation

10/01/2019 Session 2: MIDI, Chuck Libraries, and Arrays

Today Session 3: Sound File Manipulation

17/01/2019 Session 4: Functions

22/01/2019 Session 5: Unit Generators and Physical Models

24/01/2019 Session 6: Multi-Threading and Concurrency

29/01/2019 Session 7: Classes and Object-Oriented Programming

Session 3: Sound File Manipulation

Sampling

SndBuf

Reverse a sample

Sample management

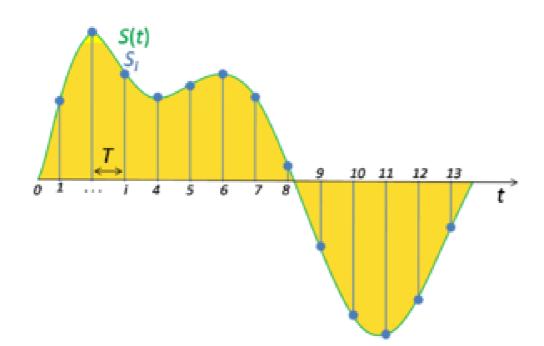
Stereo playback

Modulo

Make a sequencer

Sampling

is the reduction of a continuous-time signal to a discrete-time signal, a common example is the conversion of a sound wave (a continuous signal) to a sequence of samples (a discrete-time signal). Nyquist theorem.



Sampling

