WAVAudioFile

-s path: String - path : Path - bytes : byte[]

- aFFormat : AudioFileFormat - aFormat : AudioFormat - duration : double - alS: AudioInputStream - numDownSamples : int

+ HOME : String = System.getProperty("user.home")

+ SAMPLE_RATE : double = 44100.0

+ CHANNELS : int = 1

+ IS_BIG_ENDIAN : boolean = true + NUMBER_OF_BITS : int = 16 + SIGNED : boolean = false;

+ WAVAudioFile() + DFT() : Complex[]

+ FFT(Complex[]) : Complex[]

+ WAVtoByte() : byte[]

+ askDelay()

+ askDownsample(): float

+ askVolume()

+ byteToWAV(String)

+ choose(String)

+ chooseFile()

+ controlVolume(int, int)

+ copyAudio(String)

+ delay(double, double)

+ downsample()

+ getAFFormat() : AudioFFormat + getAFormat() : AudioFormat

+ getAIS(): AudioInputStream

+ getBytes() : byte[]

+ getDuration(): double

+ getInfo()

+ getNumDownSamples(): int

+ getPath() : Path + getS path(): String

+ getaFormat() : AudioFileFormat

+ playMusic()

+ save()

Waveforms

+ createSawTooth()

+ createSine()

+ createSquare()

+ generateSawTooth(double, float, float)

+ generateSine(double, float, float)

+ generateSquare(double, float, float)

+ askAmplitudeWaveForms(): float

+ askDurationWaveForms(): double

+ askFrequencyWaveForms(): float

WAVClient

- option : int scanner: Scanner

+ WAVClient()

+ actions()

+ chooseWavForm()

+ clearScreen()

+ menu()

Class

- img : float - real : float

+ Complex(float, float)

+ Subtract(Complex) : Complex

+ absolute(): double

+ add(Complex) : Complex

+ getImg(): float

+ getReal(): float

+ multiply(Complex) : Complex

toString(): String