

Playing with my SOX

SoX is the Swiss Army knife of sound processing programs. A command line utility that can convert various formats of computer audio files in to other formats. "It can also apply various effects to these sound files, and, as an added bonus, SoX can play and record audio files on most platforms"

<http://sox.sourceforge.net/>

Play source file

```
play jfk.wav
```

Speed Change - higher number speeds up - and pitch shifts too

```
sox jfk.wav jfk_speed.wav speed 1.33
```

```
sox jfk.wav jfk_speed3.wav speed 3 # speeds up quite a bit
```

Pitch Lift Up - Nasal

```
sox jfk.wav jfk_pitch.wav pitch 200
```

Pitch Drop - Throat

```
sox jfk.wav jfk_pitch.wav pitch -200
```

Speed Change without pitch shift

```
sox jfk.wav jfk_tempo.wav tempo -s 2.1
```

For OGG to WAV conversion needed to install via brew like below

```
brew install sox --with-lame --with-flac --with-libvorbis
```

then this worked - OGG to WAV

```
sox sample1.ogg sample1.wav
```

Pitch Shifting - the 'down' makes me sound like a super hero

```
sox sample1.wav sample1_pitchup.wav pitch 200
```

```
sox sample1.wav sample1_pitchdown.wav pitch -200
```

Sox Rocks!