Conductor

## Smart music synchronization and visualization

# Design document v1.0

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# What is conductor?

The purpose of Conductor is to make music *look* beautiful. Unlike existing visualizers, conductor automatically processes the waveform of an audio track extracting its rhythm, bass line, time signature information, key signature information, as well as textural information and other meta-information about the audio track.

# Who is Conductor for?

Musicians

Performers

Artists

Developers

# How does Conductor Work?

Conductor gathers four primary metrics from an audio file:

### Rhythm (Beats per minute)

### Time signature

* 1. Key Signature

# The conductor API: