

```
class Song {
  constructor(props) {
    this.notes = [];
    this.config = {
      metronome: props.metronome,
      bpm: props.bpm || 60,
      bars: props.bars || 4,
    }
  }

  addNote(note) {
    this.notes = this.notes.concat(note);
  }

  render() {
    let { notes, config } = this;
    const { metronome, bpm, bars } = config;

    const song = sequencer.createSong({ bars, bpm, notes, metronome });
    song.play();
  }
}
```

```
function createNote(props) {  
  const {  
    ticks, number, duration, velocity  
  } = props;  
  
  const Note = sequencer.createNote(  
    ticks, number, duration, velocity  
  );  
  
  return {type: "note", value: Note};  
}
```