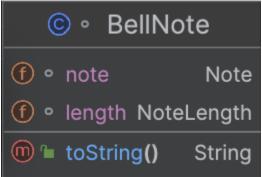
## Bell Choir External Documentation

Meets Requirements: The BellChoir project is a Java application that allows users to load and play songs using predefined musical notes. It provides functionality for loading songs from text files, playing them using audio playback, and handling various. Each thread is assigned a note that is then told to play at times corresponding to the song provided.

Challenges Faced: The biggest challenge faced was making each thread play at the time it is supposed to and not at all times. This was overcome by using synchronization on the start playing method which allows only one thread to access that method at a time.





## © Tone f af **AudioFormat** noteLengthMap Map<String, NoteLength> f a noteMap Map<String, Note> members ConcurrentHashMap<String, Player> void m 🖆 loadMembers() void m a validLengths(List<BellNote>) List<BellNote> validNotes(List<BellNote>) List<BellNote> main(String[]) void void playSong(List<BellNote>) void loadSong(String) List<BellNote> fireAllMembers() void

