Cordell Andersen

CS-410 Operating Systems

Nate Williams

November 15, 2017

Bell Choir

The goal of this project was to create a multi-threaded program to read a song from a text file, validate input, and play the song using one thread for either one or two notes. In my implementation, while the data is read from the file, it is validated and, if it passes the checks a choir member is created to play that note for the specific duration. If that choir member already exists, the duration of that note is added to a list of durations that the choir member will play for. To expand what I have, I would add the remaining musical notes, provide code for flats, allow for note extensions, and make it possible for rests to be handled without creating a choir member for rests.