

AudioViz Slider

Description: Using an existing JavaFX media player application project, AudioViz, implement the ability to use the slider above the visualizer to change the playhead position. The slider currently changes the playhead position as the media plays. The left end of the slider represents 0.0 time and the right end represents the time of the end of the song. The user is to be able to slide the slider to any time between 0.0 and the end of the song and the media player is to play from the time position selected. In addition, the numerical values displayed after *Length:* and *Current:* in the user interface are to only display one digit after the decimal point.

Purpose: This challenge provides experience with implementing event handlers, formatting strings, and working with an existing object-oriented application.

Requirements:

Project Name: AudioViz

Target Platform: Java 8

Programming Language: Java 8

IDE: NetBeans 8.2

This project is to be managed in a public GitHub repository. For the challenge assignment submit the URL for the repository. The final project work is to be in the master branch.

A zip file of an existing NetBeans 8.2 Java 8 project, AudioViz.zip, is provided with this challenge. The application is a media player that can play audio and video files. The slider above the visualizer currently changes the playhead position as the media plays. The left end of the slider represents 0.0 time and the right end represents the time of the end of the song.

You are to modify the existing application to do the following:

- Provide the user with the ability to use the slider above the visualizer to change the playhead position. The user is to be able to slide the slider to any time between 0.0 and the end of the song and the media player is to play from the time position selected. (Note: the slider is to continue to be updated showing the playback position as the media plays.)
- Display one digit after the decimal point for the the numerical values displayed after *Length:* and *Current:* in the user interface.

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