

Audio and Track Tags

Audio tags are added to an HTML file in a very similar fashion as that of video tags. An audio tag can have multiple source tags and should have audio controls for the user to control audio play settings.

The track tag works with VTT (web video techs track standard) files. Track tags and VTT files are not supported by all web browsers. The most common VTT formats that are used are captions and subtitles. The language to use will need to be specified in the track tag. The track tags can have multiple files with multiple languages if needed.

Purpose

Upon completing this project, you will be able to add an audio tag with controls to an HTML document. You will also be able to add a track tag using subtitles to a video tag.

Steps for Completion

1. Open the **43b-media.html** file in the MusicStore4 student folder.
2. Add an opening and closing audio tag below the paragraph that starts with, Don't know what a metronome sounds like?
3. Add the controls attribute to the opening audio tag.
4. Inside the audio tag, add a source attribute for the audio file, **metronome_audio.mp3**, located in the Audio folder, with the type **audio/mp3**
5. Below the two source tags within the video tag, add a track tag with the source set to **subtitles.vtt** from the Videos folder, the kind to **subtitles**, the source language to **en**, and the label to **English**
6. Save your changes.
7. Preview the webpage in a web browser. You should see an audio control with controls.
8. Play the audio.

Project Details

Project file

43b-media.html
metronome_audio.mp3
subtitles.vtt

Estimated completion time

10 minutes

Video reference

Domain 4

Topic: Video and Audio Formats

Subtopic: Audio and Source Tags;
Track Tag

Objectives covered

4 Multimedia Presentation using HTML

4.2 Construct and analyze markup
that plays video and audio

4.2.b Audio

4.2.c Track