

## Supporting document for EL session on 25.10.2023

Audios and videos can be embedded in a website. HTML5 has introduced new elements which enable the integration of audio and video files directly in a website. This document links some online resources for integrating the audio and video files in a website.

## Integrating audios on the web

<audio> element is used to embed an audio in HTML5. The audio element and its attributes are available at:

- [https://www.w3schools.com/html/html5\\_audio.asp](https://www.w3schools.com/html/html5_audio.asp)
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio>

Free audio files can be download from a repository. URL: <https://pixabay.com/music/>

Examples of integrating an audio using the audio element is available at

- [https://www.youtube.com/watch?v=9F49XgzlZgA&ab\\_channel=GeekTutorials](https://www.youtube.com/watch?v=9F49XgzlZgA&ab_channel=GeekTutorials)
- <https://youtu.be/d5cHhIv35HI?list=PLIduAAvjTBINxxzyKDdJT5xQeY2fSL25>

### ***Additional information***

HTML supports different audio file formats (MP3, WAV, and OGG). Details of the types of files can be found in the following:

- <https://www.canto.com/blog/audio-file-types/>
- <https://www.makeuseof.com/tag/audio-file-format-right-needs/>

Depending on the requirements, one can select an appropriate video file type. Details on selecting an appropriate audio file is available at:

- <https://podcastle.ai/blog/which-audio-file-to-choose/>
- <https://www.descript.com/blog/article/how-to-choose-the-best-audio-file-format-for-your-project>

## Integrating videos on the web

<video> element is used to embed a video in HTML5. The video element and its attributes are available at:

- [https://www.w3schools.com/html/html5\\_video.asp](https://www.w3schools.com/html/html5_video.asp)
- <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video>

Free video can be downloaded from a repository. URL: <https://www.pexels.com/videos/>

An example of integrating a video using the video element is available at

[https://www.youtube.com/watch?v=x4r7af2Lcmw&ab\\_channel=GeekTutorials](https://www.youtube.com/watch?v=x4r7af2Lcmw&ab_channel=GeekTutorials)

***Additional information***

HTML supports different video file formats (MP4, WebM, and Ogg). Details on the video file types and their selection are available at:

- <https://www.computer.org/publications/tech-news/trends/8-best-video-file-formats-for-2020>
- <https://www.canto.com/blog/video-file-types/>
- <https://www.adobe.com/au/creativecloud/video/discover/best-video-format.html>
- <https://blog.filestack.com/thoughts-and-knowledge/complete-list-audio-video-file-formats/>

**Note:** Exercises related to integrating audio and video files in the web will be online on **26.10.2023**.