HTML 5 AUDIO & VIdeo TAG

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Introduction to multimedia in html5

- HTML5 introduced native support for audio and video elements.

- No need for third-party plugins like Flash.

- Simplifies multimedia integration in web pages.

<audio> Tag

• Used to embed audio files in a web page.

• Common formats: MP3, WAV mpeg.

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• Example:

• <audio controls>

•   <source src="audio.mp3" type="audio/mpeg">

•   Your browser does not support the audio element.

• </audio>

<video> Tag

- Used to embed video files in a web page.
- Common formats: MP4, WebM.
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- Example:
- <video width="320" height="240" controls>
-   <source src="movie.mp4" type="video/mp4">
-   Your browser does not support the video tag.
- </video>

Common Attributes

- controls – Adds play/pause UI

- autoplay – Plays media automatically

- loop – Repeats media when finished

- muted – Starts playback with no sound

Multiple Sources

- To ensure browser compatibility, provide multiple source formats:

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- \<video controls>
- \<source src="movie.mp4" type="video/mp4">
- \<source src="movie.webm" type="video/webm">
- Your browser does not support HTML5 video.
- \</video>

Conclusion

- HTML5 makes multimedia integration simple and plugin-free.

- Improves user experience across all modern browsers.

- Essential for building interactive and media-rich websites.