Multimedia

Adding video and audio materials

Objectives

- **Describe HTML5 audio and video elements**

- **Explain the purpose of plugins**

- **Reflect on Accessibility issues**

HTML5 Multimedia

- **Designed to avoid the use of extra software to play music/video**

- **Not fully implemented**

Video element <video>

- **Video tag uses a <mark>src attribute</mark> or embedded <source>**

  → image 탕거의 비슷

- **Common attributes**

  - **height, width**

  - **autoplay**

  - **loop**

  - **controls**

- **Text inside <video>..</video> is displayed if browser can not support tag**

Audio element <audio>

- **Audio tag uses a src attribute to link to audio file, typically .mp3 or .wav**

- **Common attributes**
  - **autoplay, controls, loop**
  - **buffered**
  - **muted**
  - **volume**

Setting clips

- **You can set both the video and audio elements to play clips by adding to the src attribute.**

    - **.ext#t=5, 25**

    - **.ext#t=, 39**

    - **.ext#t=, 1:38:45**

    - **.ext#t=42**

Plugins

- **Before HTML5 there was no standard for video display, plugins were required**

- **Since not all browsers support new tag some may require Flash**

Accessibility Issues

- **Make sure to provide links to plugins**

- **Include text descriptions and closed captioning (or other equivalent content)**

- **Multimedia should enhance your content, not be a distraction**

Acknowledgements/Contributions