

POST-CLASS LEARNING AND PRACTICE 2.3: CHOOSE AND CONFIGURE HTML5 TAGS TO PLAY MEDIA

Lesson Objective 2.3:

Choose and configure HTML5 tags to play media.

Additional learning resources:

MSDN®:

HTML5 Audio and Video: [http://msdn.microsoft.com/en-us/library/gg589509\(v=VS.85\).aspx](http://msdn.microsoft.com/en-us/library/gg589509(v=VS.85).aspx)

Internet Explorer® 9 Guide for Developers: http://msdn.microsoft.com/en-us/ie/hh410106#_HTML5_video_audio

Other resources (books, e-reference):

W3C Audio Element Definition: <http://www.w3.org/TR/html5/the-iframe-element.html#the-audio-element>

W3C Audio Element Definition: <http://www.w3.org/TR/html5/the-iframe-element.html#the-video-element>

HTML5 Tutorial: <http://www.w3schools.com/html5>

Lubbers, Peter; Albers, Brian; Smith, Ric; Salim, Frank (2010-09-01). *Pro HTML5 Programming: Powerful APIs for Richer Internet Application Development* (Kindle Location 161). Apress. Kindle Edition.

Resources, software, and additional files needed for this lesson:

1. None

Student activity:

Directions to the student:

Read the following scenario and answer the questions. Verify your answers with the instructor.

Scenario:

Blue Yonder Airlines is a small airline based in Ontario, Canada. They recently hired a production company to create several safety videos that they can use to inform passengers on their airplanes. The CEO has decided that he would also like to make them available on their website for passengers to view prior to traveling. In addition, he plans to create another video on the new security measures.

He has contacted the web development company and explained this new content. The job of adding the videos was given to the lead developer, Zoltán Harmath. Zoltán is eager to include the new HTML5 audio and video tags and is looking for information to make the job easier.

Content:

1. What resources can Zoltán use to learn about the audio and video changes in HTML5?
2. What audio and video formats should he request from the production company?

3. What controls should be provided to the traveler for viewing and listening to these new safety guidelines and instructions?

KEY 2.3: CHOOSE AND CONFIGURE HTML5 TAGS TO PLAY MEDIA

Content:

1. What resources can Zoltán use to learn about the audio and video changes in HTML5?

Answers will vary. A good start would be the HTML5 Audio and Video selections on MSDN.

2. What audio and video formats should he request from the production company?

Audio files should be MP3 or OGG; video has the most support for MP4 and OGV.

3. What controls should be provided to the traveler for viewing and listening to these new safety guidelines and instructions?

Answers will vary. Common controls include: play, pause, stop, restart at a certain time.