

H5P Training Series:

11—Image Slider

In this tutorial, you will learn how to create an image slider, which is a set of rotating images. Before beginning this tutorial, please download the zipped file that accompanies it from ctYOU.org. You will need to use these additional files to complete this tutorial.

IMPORTANT: Be sure to abide by copyright laws when developing learning activities based on content you do not own. See the link under the Additional Resources section for information.

Note: Before uploading images to your H5P activity, save them as JPG or PNG files at 72 dpi using RGB color, and then size them appropriately for viewing on a computer monitor.

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1. Overview of the Image Slider Content Type

The H5P Image Slider content type allows you to create a user-friendly photo gallery. It is possible to view images in the Image Slider in both the browser and in full screen. Because this content type preloads the images, there is little to no delay when switching between images. The images used determine the aspect ratio in the browser, but it is possible to handle aspect ratios differently.

IMPORTANT: Before creating any H5P element, turn on editing for your course site. Under the section or topic where the H5P element is to appear, click the **Add an activity** dropdown menu and choose **Interactive Content** from the list. Save your work periodically, and try out the features as you create them to help you understand how they function.

Note: See tutorial **0—General H5P Settings** for instructions on how to set up H5P activities for grades and other information.

2. Adding an Image Slider

The following steps walk you through the process of adding an Image Slider with six images.

Step	Action	Notes
1.	In the Name field, type in a name for the H5P interaction.	For training purposes, type: Image Slider.
2.	Select Create option for H5P and choose Image Slider from the list of content types. When selecting this H5P activity for the first time, click the Use button.	The editor should appear.
3.	Click + Add under Image to upload your first photo.	For training purposes, navigate to where you saved the files for this tutorial and Open burger-and-fries.jpg
4.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
5.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
6.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: burger and fries.
7.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.
8.	Click on the Add item button to add another image to the slider.	
9.	Click + Add under Image to upload your second photo.	For training purposes, navigate to where you saved the files for this tutorial and Open chocolate-cake.jpg
10.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
11.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
12.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: chocolate cake.
13.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.

Step	Action	Notes
14.	Click on the Add item button to add another image to the slider.	
15.	Click + Add under Image to upload your third photo.	For training purposes, navigate to where you saved the files for this tutorial and Open pancakes.jpg
16.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
17.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
18.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: pancakes.
19.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.
20.	Click on the Add item button to add another image to the slider.	
21.	Click + Add under Image to upload your fourth photo.	For training purposes, navigate to where you saved the files for this tutorial and Open pizza.jpg
22.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
23.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
24.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: pizza.
25.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.
26.	Click on the Add item button to add another image to the slider.	
27.	Click + Add under Image to upload your fifth photo.	For training purposes, navigate to where you saved the files for this tutorial and Open spaghetti.jpg
28.	Click Edit image to edit the photo, if necessary.	For training, skip this step.

Step	Action	Notes
29.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
30.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: spaghetti.
31.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.
32.	Click on the Add item button to add another image to the slider.	
33.	Click + Add under Image to upload your sixth photo.	For training purposes, navigate to where you saved the files for this tutorial and Open sushi.jpg
34.	Click Edit image to edit the photo, if necessary.	For training, skip this step.
35.	Click Edit copyright to add copyright information, if necessary.	Because the images we use for training are in the public domain, there is no need to enter copyright information at this time.
36.	Type a brief, concise description of the image in the Alternative text field.	For training purposes, type: sushi.
37.	If desired, add hover text in the Hover text field.	This text appears when the user hovers their mouse over the image. For training, leave this field blank.
38.	When finished adding your images, use the Aspect ratio dropdown menu to determine how the aspect ratio of the image slider will be set.	You have three options: <ul style="list-style-type: none"> • Automatic – this means the aspect ratio will be determined automatically. • Custom – this means that you will set the aspect ratio for the image slider. • Not fixed – this means the aspect ratio will differ from image to image. For training, choose Custom.
39.	If you chose a Custom aspect ratio, use the Aspect ratio width and Aspect ratio height fields to set the aspect ratio for the image slider.	If you chose Automatic or Not fixed , skip this step. It is best to pick an aspect ratio that displays all your images as clearly as possible. Feel free to experiment until you find the optimal setting. For this exercise, set the width to 7 and the height to 3.

Step	Action	Notes
40.	Click Save and display at the bottom of the screen when you are finished editing.	This step applies when using H5P content in Moodle or ctYOU.org. Saving may be different in other applications.

IMPORTANT: Be sure to test all of the multimedia elements you created for this tutorial. Once completed, you can use this H5P feature as a standalone, embed its iframe code in a webpage, or you can download it for use in another courses.

3. Additional Resources

To learn more about this topic, visit:

- <https://h5p.org/image-slider>
- <http://www.loc.gov/teachers/usingprimarysources/copyright.html>

The Oklahoma Department of CareerTech offers many other free H5P tutorials, as well as an extensive series on how to use various Moodle plugins. Look for them on ctYOU.org.