

Using the Figure and FigureCaption Elements in HTML5

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Figure and FigureCaption Introduction

A brief introduction of the figure and figure caption, and how they are used in HTML5.

Figure and figure caption are two elements that were introduced in HTML5. Figure is used to reference something in the article for example images, graphs, videos, diagrams, and e.tc. Figure Caption goes hand in hand with figure element. Every time the figure element is used anywhere; a figure caption with an explanation of the figure should always follow. The way images with “captions” on the page looked before the figure and figure caption were introduced was slightly different, but they made a huge change. Images with captions on HTML pages now days look more like they do in print media like magazines, books, and newspapers.

Before the introduction of the figure and figure caption, there were other ways images, videos, graphs, and diagrams etc. could be used in HTML. For example, every time an image was introduced in an HTML page, the img element was used. The image element was not completely replaced when the figure and figure caption were introduced. HTML5 just introduced what most people consider better ways to use it in a page that makes it look better, and perform other tasks that were not possible before. Figure and figure caption were introduced to help improve the image element and how it is used. Image element is still an important part of the figure element. When the figure element is introduced, the img element comes next, and the caption that follows the image. There is still no way the figure element can be used without the image element.

How to add a caption to an image

This document demonstrates how to add caption to an image

A few things needed to complete this task include:

- Prepare the Image you want to add to the page.
 - Decide on how you want it to look like on the page.
 - Come up with a caption that describes the image.
1. Add a figure to the page(It can be an image, graph, map etc.).
 - a) In the figure element, introduce figurecaption element
 - b) Add a caption to the image. The caption should be short and straight forward to the reader.
 - c) Format the caption using CSS (font-style, font-variant).
 2. Use CSS display to move the image to the desired block. For example, display:block will move the figure and figure caption to a block and stack them on top of each other.

How to wrap code with the figure element

This document demonstrates how to wrap code within the figure element, and adding a caption to the code.

A few things needed to complete this task include:

- Decide on the piece of code that you want to add to the figure element.
 - Decide on how you want it to look like on the page.
 - Come up with a caption that describes the code.
1. Inside the figure element add the paragraph tag
 - a) Inside the paragraph tag, add the code tag and write whatever you want the code to say
 - b) Close the code, and paragraph tags
 2. Inside the figure element, add a figure caption describing what you just did. This caption should be outside the paragraph and code tags, but inside the figure element.

How to use the figure element with multiple images

This document demonstrates how to add multiple images inside the figure element with one caption

A few things needed to complete this task include:

- Prepare the Images you want to add to the page.
 - Decide on how you want it to look like on the page.
 - Come up with a caption that describes the images.
1. Add the images in the figure element. Remember to number the images 1 through however many you decide to have in the figure element. Numbering the images will be important when it comes to time for adding a caption
 - a) Since only one caption can be used in the figure element, add one figure caption for all the images. You may either refer to them as “figure 1, figure 2” et.c, or come up with something related to that. Or the caption may simply say, “Images grouped together represented above...”
 - b) If you want other people to find more information about the images, add a link inside the figure caption
 - c) Make sure the images are formatted in proper blocks, with proper fonts, style etc.
 2. Use CSS display to move the image to the desired block. For example, display:block will move the figure and figure caption to a block and stack them on top of each other.

Resources Used

A list of some of the sources where some information on the page was obtained

Websites

- <http://www.homeandlearn.co.uk/WD/wds4p9.html>
- <http://webdesign.tutsplus.com/tutorials/quick-tip-consider-wrapping-your-code-with-a-figure-element--cms-21646>
- <http://html5doctor.com/the-figure-figcaption-elements/>



Note: The resources provide general information about the figure and figure caption. If more clarification is needed for some of the tasks, the resources are a good place to look.