How do you embed videos onto your page using the iframe element?

First, what exactly is the iframe element? iframe stands for inline frame. It's an inline element used to embed other HTML content directly within the HTML page. That HTML content could be a video, map, another HTML element, or even other web pages. Here's what the syntax of the iframe element looks like:

<iframe

src="video-url"

width="width-value"

height="height-value"

allowfullscreen

></iframe>

The src attribute specifies the URL of the page you want to embed. The width attribute specifies the width of the iframe. The height attribute specifies the height of the iframe. The allowfullscreen attribute allows the user to display the iframe in full screen mode. It's also a good practice to specify a title attribute for the iframe, as it's important for accessibility.

To embed a video within an iframe you can copy it directly from popular video services like YouTube and Vimeo, or define it yourself with the src attribute pointing to the URL of that video. Here's an example of embedding a popular freeCodeCamp course from YouTube:

<h1>A freeCodeCamp YouTube Video Embedded with the iframe Element</h1>

<iframe

width="560"

height="315"

src="https://www.youtube.com/embed/PkZNo7MFNFg?si=-UBVIUNM3csdeiWF"

title="YouTube video player"

allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

referrerpolicy="strict-origin-when-cross-origin"

allowfullscreen

></iframe>

You can then customize the iframe to your needs or even define your own by copying the link to the YouTube video and pasting it in as the URL value. The caveat is that you must replace https://youtu.be with https://youtube.com/embed/.

youtu.be is the domain when you copy the share link and youtube.com/embed/ is the domain required for embedding videos with the iframe element. Here's an example of that:

<iframe

src="https://youtube.com/embed/gp5H0Vw39yw?si=Rb\_2nDK6abv1iIAM"

title="freeCodeCamp Typescript Course"

width="500"

height="285"

allowfullscreen

></iframe>

Note that the video can come from anywhere. It doesn't have to come from video services like YouTube and Vimeo. Here's a video from Pixabay embedded with the iframe element:

<h1>A Video from Pixabay Embedded with the iframe Element</h1>

<iframe

src="https://cdn.pixabay.com/video/2022/07/24/125310-733046613\_large.mp4"

width="500"

height="285"

></iframe>

Don't forget you can also embed a map, another web page, or direct HTML within the iframe element. Here's a map I was able to embed with the iframe element:

<h1>A Map from Openstreetmap.org Embedded with the iframe Element</h1>

<iframe

width="425"

height="350"

src="https://www.openstreetmap.org/export/embed.html?bbox=3.006134033203125%2C6.150112578753815%2C3.6357879638671875%2C6.749850810550778&amp;layer=mapnik"

style="border: 1px solid black"

>

</iframe>

<br />

<small>

<a href="https://www.openstreetmap.org/#map=11/6.4501/3.3210">

View Larger Map

</a>

</small>

If you want to embed direct HTML within the iframe element you have to use the srcdoc attribute instead of src.