HTML Plug-ins

Plug-ins are computer programs that extend the standard functionality of the browser.

Plug-ins

Plug-ins were designed to be used for many different purposes:

- To run Java applets

- To run Microsoft ActiveX controls

- To display Flash movies

- To display maps

- To scan for viruses

- To verify a bank id

The <object> Element

The <object> element is supported by all browsers.

The <object> element defines an embedded object within an HTML document.

It was designed to embed plug-ins (like Java applets, PDF readers, and Flash Players) in web pages, but can also be used to include HTML in HTML:

Example

<object width="100%" height="500px" data="snippet.html"></object>

Or images if you like:

Example

<object data="audi.jpeg"></object>

The <embed> Element

The <embed> element is supported in all major browsers.

The <embed> element also defines an embedded object within an HTML document.

Web browsers have supported the <embed> element for a long time. However, it has not been a part of the HTML specification before HTML5.

Example

<embed src="audi.jpeg">

The <embed> element can also be used to include HTML in HTML:

Example

<embed width="100%" height="500px" src="snippet.html">

HTML YouTube Videos

The easiest way to play videos in HTML, is to use YouTube.

Struggling with Video Formats?

Converting videos to different formats can be difficult and time-consuming.

An easier solution is to let YouTube play the videos in your web page.

YouTube Video Id

YouTube will display an id (like tgbNymZ7vqY), when you save (or play) a video.

You can use this id, and refer to your video in the HTML code.

Playing a YouTube Video in HTML

To play your video on a web page, do the following:

- Upload the video to YouTube

- Take a note of the video id

- Define an <iframe> element in your web page

- Let the src attribute point to the video URL

- Use the width and height attributes to specify the dimension of the player

- Add any other parameters to the URL (see below)

Example

```
<iframe width="420" height="315"
src="https://www.youtube.com/embed/tgbNymZ7vqY">
</iframe>
```

YouTube Autoplay + Mute

You can let your video start playing automatically when a user visits the page, by adding autoplay=1 to the YouTube URL. However, automatically starting a video is annoying for your visitors!

YouTube - Autoplay + Muted

```
<iframe width="420" height="315"
src="https://www.youtube.com/embed/tgbNymZ7vqY?autoplay=1&mute=1">
</iframe>
```