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Iframes

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Overview

An HTML iframe is used to display a web page within a web page.

Tutorial

- An HTML iframe is defined with the `<iframe>` tag.
- The src attribute specifies the URL (web address) of the inline frame page.

```
<iframe src="URL"></iframe>
```

We can also add **height** and **width** attributes to specify the size of the iframe page.

(Note:The height and width are specified in pixels by default)

```
<iframe src="https://en.wikipedia.org/wiki/HTML_element#Frames" height="200" width="600"></iframe>
```

We can also set the height and width via CSS:

```
<iframe src="demo_iframe.htm" style="height:200px;width:600px;"></iframe>
```

By default, an iframe has a border around it.

We can remove the border, by adding the **style** attribute and using the CSS **border** property:

```
<iframe src="demo_iframe.htm" style="border:none;"></iframe>
```

Frames [\[edit \]](#)

Main article: Framing (World Wide Web)

Frames allow a visual HTML Browser window to be split into segments, each of which can show a different document. This can lower bandwidth use, as repeating parts of a layout can be used in one frame, while variable content is displayed in another. This may come at a certain usability cost, especially in non-visual user agents,^[54] due to separate and independent documents (or websites) being displayed adjacent to each other and being allowed to interact with the same parent window. Because of this cost, frames (excluding the `<iframe>` element) are only allowed in HTML 4.01 Frame-set. Iframes can also hold documents on different servers. In this case the interaction between windows is blocked by the browser. Sites like [Facebook](#) and [Twitter](#) use iframes to display content (plugins) on third party websites. Google [AdSense](#) uses iframes to display banners on third party websites.

In HTML 4.01, a document may contain a `<head>` and a `<body>` or a `<head>` and a `<frameset>` , but not both a `<body>` and a `<frameset>` . However, `<iframe>` can be used in a normal document body.

[Wiki on iFrames](#)

With CSS, we can also change the size, style and colour of the iframe's border:

```
<iframe src="demo_iframe.htm" style="border:2px solid red;"></iframe>
```

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Express
NodeJS
React
Express-Testing
Networking
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Frames [\[edit \]](#)

Main article: [Framing \(World Wide Web\)](#)

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[Wiki on iFrames](#)

An iframe can be used as the target frame for a link.

The `target` attribute of the link must refer to the `name` attribute of the iframe. Looking at the example below the iframe has `name="iframe_a"` and the paragraph has `target="iframe_a"`. As a result when the the `a href` is clicked it will then be displayed in the iframe:

```
<iframe height="300px" width="100%" src="qa_demo_iframe.htm" name="iframe_a">
</iframe>
<p><a href="https://en.wikipedia.org/wiki/HTML_element#Frames"
target="iframe_a">Wiki on iFrames</a></p>
```

Before:

Bad Path

[/boomboom/v2/qa_demo](#)

[Wiki on iFrames](#)

After:

Frames [\[edit \]](#)

Main article: [Framing \(World Wide Web\)](#)

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[Wiki on iFrames](#)

Exercises

1. Create a HTML page with the following:

- `iframe` that links to `"https://en.wikipedia.org/wiki/HTML_element#Frames"`
- Thin black `border`
- `width` of 100%
- `height` of 300px
- ▶ Solution

