
HTML Frames

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Frames

- With frames, you can display more than one HTML document in the same browser window. Each HTML document is called a frame, and each frame is independent of the others.

The disadvantages of using frames are:

- The web developer must keep track of more HTML documents
 - It is difficult to print the entire page
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The Frameset Tag

- The <frameset> tag defines how to divide the window into frames
 - Each frameset defines a set of rows **or** columns
 -
 - The values of the rows/columns indicate the amount of screen area each row/column will occupy
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The Frame Tag

- The <frame> tag defines what HTML document to put into each frame

```
<frameset cols="25%,75%">  
  <frame src="frame_a.htm">  
  <frame src="frame_b.htm">  
</frameset>
```

Vertical frameset

```
<html>
```

```
  <frameset cols="25%,50%,25%">
```

```
    <frame src="frame_a.htm">
```

```
    <frame src="frame_b.htm">
```

```
    <frame src="frame_c.htm">
```

```
  </frameset>
```

```
</html>
```

Horizontal frameset

```
<html>
```

```
  <frameset rows="25%,50%,25%">
```

```
    <frame src="frame_a.htm">
```

```
    <frame src="frame_b.htm">
```

```
    <frame src="frame_c.htm">
```

```
  </frameset>
```

```
</html>
```

Useful Tips

- If a frame has visible borders, the user can resize it by dragging the border. To prevent a user from doing this, you can add `noresize="noresize"` to the `<frame>` tag.
- Add the `<noframes>` tag for browsers that do not support frames.

Important: You cannot use the `<body></body>` tags together with the `<frameset></frameset>` tags!

However, if you add a `<noframes>` tag containing some text for browsers that do not support frames, you will have to enclose the text in `<body></body>` tags!

Mixed frameset

```
<html>
```

```
<frameset rows="50%,50%">
```

```
  <frame src="frame_a.htm">
```

```
  <frameset cols="25%,75%">
```

```
    <frame src="frame_b.htm">
```

```
    <frame src="frame_c.htm">
```

```
  </frameset>
```

```
</frameset>
```

```
</html>
```

Frameset with noresize="noresize"

```
<html>
```

```
  <frameset rows="50%,50%">
```

```
    <frame noresize="noresize" src="frame_a.htm">
```

```
    <frameset cols="25%,75%">
```

```
      <frame noresize="noresize" src="frame_b.htm">
```

```
      <frame noresize="noresize" src="frame_c.htm">
```

```
    </frameset>
```

```
  </frameset>
```

```
</html>
```

Navigation frame

```
<html>
```

```
<frameset cols="120,*">
```

```
<frame src="tryhtml_contents.htm">
```

```
<frame src="frame_a.htm" name="showframe">
```

```
</frameset>
```

```
</html>
```

In "tryhtml_contents.htm"

```
<a href = "frame_a.htm" target = "showframe">Frame a</a><br>
```

```
<a href = "frame_b.htm" target = "showframe">Frame b</a><br>
```

```
<a href = "frame_c.htm" target = "showframe">Frame c</a>
```

How to use the <noframes> tag

```
<html>
```

```
<frameset cols="25%,50%,25%">
```

```
  <frame src="frame_a.htm">
```

```
  <frame src="frame_b.htm">
```

```
  <frame src="frame_c.htm">
```

```
  <noframes>
```

```
    <body>Your browser does not handle frames!</body>
```

```
  </noframes>
```

```
</frameset>
```

```
</html>
```

Jump to a specified section with frame navigation

`<html>`

`<frameset cols="180,*">`

`<frame src="content.htm">`

`<frame src="link.htm" name="showframe">`

`</frameset>`

`</html>`

In "content.htm"

`Link without Anchor`

`
`

`Link with Anchor.`
