

## Borders, Margins and Scrolling

\* There are several attributes that are used to customize the look and feel of frames. XHTML supports attributes that can be used to customize the frame borders, the margins, and scrolling in frames.

\* XHTML supports the `frameborder`, `marginwidth`, `marginheight` and `scrolling` attributes. These attributes can be used to customize frames.

\* You can resize margins of frames according to your requirements. In addition, you can either show or hide frame margins.

### \* The <Frame> tag

The `<frame>` tag designates borders around each frame. It accepts the `frameborder` value. This attribute has two possible values 0 or 1.

\* If the value is 0, the borders are not visible. If the value is 1, the borders are visible.

\* To specify the frameborder attribute, you use XHTML code. The SRC attribute specifies the source of the frame border in a web page. A web page with the frame border = 1 is displayed with a noticeable border.

\* The <Frame> tag also supports the margin width and margin height attributes. These attributes specify the space between margins and the contents of the frame.

A value of at least 1 is required in the margin attribute. You specify the margin width and margin height within the <frame> tag.

\* 

```
<frame name = "contents" target = "main"
      SRC = "employee-details.htm"
      margin width = "5"
      margin height = "10"
      frameborder = "1">
```

\* The <Frame> tag also supports the scrolling attribute. It can enable or disable a scroll bar on a web page. The values for the scrolling attribute are 'yes', 'no' and 'auto'.



- \* The `<frame>` tag also supports the scrolling attribute. It can enable and disable a scroll bar.
- \* The 'yes' value enables a scroll bar, 'no' disables it. The 'auto' value specifies that the browser can determine whether or not to enable the scroll bar.
- \* `<frameset rows = "64.*">`  
`<frame name = "banner" scrolling = "yes" ... src = "contents.html">`
- \* XHTML also supports inline frames. These frames allow you to insert a document within a XHTML page.  
 In inline frames, the page floats within another page, and the frames are also called floating frames.  
 In XHTML, the inline tag `<iframe>` requires a closing `</iframe>` tag.
- \* Inline frames are used in specific situations. For examples, you can use an inline frame when you need to show monthly special news on a web page.  
 In such a situation, except for the section used for the monthly special news, the entire web page remains the same.  
 Therefore the sections that shows the monthly special news can be an inline frame.
- \* Another situation in which you can use an inline frame is when you want to embed a PDF page, or some other page within a web page. In such a situation, instead of creating a separate page, you can use the inline frame.

- \* The code of the employee.html is as follows

```
<html>
<head>
    . . . . .
</head>
<body>
<h1> Employee Details </h1> <br>
```

- \* An example of code for an inline frame is as follows

```
<iframe src = "employee.html" scrolling = "yes"
        width = "350" height = "200" >
</iframe>
```

- \* The value of the 'src' attribute for the iframe element indicates that the employee detail webpage will be displayed in an inline frame.
- \* To eliminate scrolling, you can specify a 'no' value. You can specify the height and width of the inline frame.
- \* From the <iframe> tag in a webpage, the browser can identify the referenced document. For example, if the document in the inline frame is an XHTML file, the web browser generates a request for that file. The web server then processes the request as a HTTP request and downloads the file. Which is then displayed on the webpage in an inline frame.

- \* Inline frames are not supported by all browsers. If a browser doesn't support inline frames, frames will not appear even if the page is downloaded completely.

You should avoid using inline tags where you can't control the type and version of the browser being used.

Inline frames are more appropriately used when you have control over the browsers.

- \* Frames are used to keep certain information in place on a website.

This information can include copyright statements, titles and some graphics.

However frames can cause problems when a browser's back button is selected.

Additionally, frames can cause difficulties in development because of complex code.

Therefore frames can prove useful, as well as detrimental.

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