

Targeting frames with hyperlinks.

In a webpage with frames, when you select a hyperlink in one frame, the content changes in another frame. To do this, you need to target frames with hyperlinks.

You target frames to display a specified source file. The source file opens in the targeted frame.

As a web designer, you want to target frames in your frameset document. You have a table of contents in the left frame, and you want to display the contents in the right frame.

Header.	
menu	Contents

To do this, you need to target the right frame from your left frame by using a hyperlink.

To target frames, you need to add a name parameter in the frame tag. This is used to target frames in the hyperlink anchor tag (<a>)
eg <frame src = "url" name = "framename">

* to target a frame using a hyperlink, you first name the frames. In the frameset document, you name the left frame as "toc.html" and the right as "main.html"

```
<html>
  <head>
  </head>
  <frameset cols = "35%, 65%">
    <frame src = "toc.html" name = "toc">
    <frame src = "main.html" name = "main">
  </frameset>
</html>.
```

* TOC.html

```
<html>
  <head>
  </head>
  <body>
    <p> <h1> Table of contents </h1>
    <p> <a href = "lesson1.html" *target = "main">
      lesson 1 </a>
    <p> <a href = "lesson2.html" . . . . .
      . . .
  </body>
</html>
```

- * After naming your frames, you specify the target frame name in the hyperlink. To do this you open `toc.html` and add the hyperlink tag `<a>` with the target parameter as `main`.

This allows the hyperlink to display the respective content in the main frame when selected from the toc frame.

eg `<P> `
Lesson 1
``

- * Similarly you can add hyperlinks for other lessons in the `toc.html` file.
- * After all the hyperlinks and their target frames are specified, you can open the `frameset` document in a browser. You can select a hyperlink in the `toc` frame to display the information from the hyperlinked file in the main frame.
- * The name specified for a target frame should be the name used in the `<frame>` tag. When a target frame name is not specified, a hyperlink opens a referenced document in the same frame. If the name does not match to an existing frame, the browser will open a new window and open the referenced tag in that window.

- * You can use the `<base>` tag to specify a default target frame, and avoid specifying the target frame in every hyperlink in your `toc.html` frame file.

The `<base>` tag is placed in the `<head>` section. In HTML `<base>` doesn't require a closing tag.

- * However in XHTML a base tag is a container tag, and therefore requires a closing tag.

○ * `<HTML>`
 `<head>`
 `<base target="main" href="content.html">`
 `</head>`

`<body>`
 `<P><h1>table of contents</h1>`

 `<P>lesson1`
 :
 `</body>`

○ `</HTML>`

- * To make the main frame your default frame, you specify a default source file to be displayed in the `<base>` tag.

- * After specifying a default target frame, all hyperlinks in the `toc` frame will display the referenced documents in the main frame. The default target frame is used if a target frame is not specified in the `<a>` tag. If a target frame is specified, the corresponding document is displayed in the specified target frame, and not in the default base frame.