

Progettazione di un sito web con FRAME

Uso di Frames per la
visualizzazione di più pagine
web

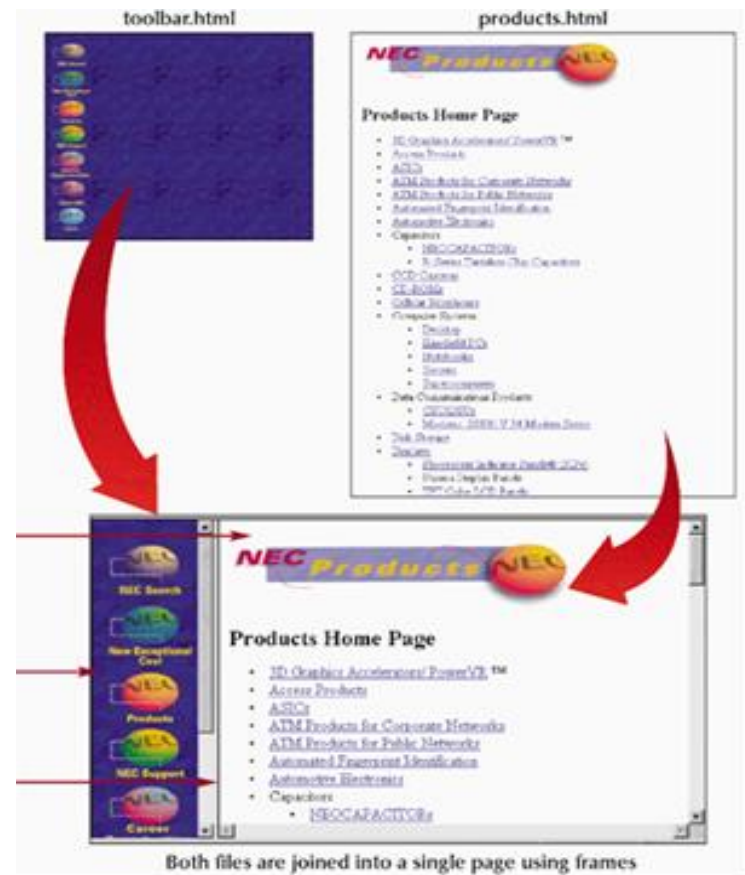
Obiettivi

- Descrivere l'uso di frames in un Web site
- Layout frames all'interno di un browser
- Formattazione dei frames: margin widths, scrollbars, e ridimensionare i frames
- Target su uno specifico frame o esterno
- Aggiungere pagine su browser che non supportano frame
- Incorporare un inline frame in una pagina

Frames

Esempio

- Un **frame** é una sezione della finestra del browser web capace di contenere una intera pagina web.



Vantaggi dall'uso di Frames

- L'uso di Frames rende più flessibile la progettazione e gestione di pagine web
- Si possono inserire informazioni in differenti pagine web rimuovendo la ridondanza
- L'uso di Frames permette l'aggiornamento solo di alcuni file e non dell'intero sito
- Il Web designers può creare siti con l'uso di frame e non facendo scegliere all'utente a scondo del browser che utilizza

Svantaggi all'uso dei Frames

- Il browser deve caricare più pagine HTML aumentando i tempi di attesa
- Alcuni vecchi browser non supportano i frames
- Alcuni webmaster pensano che i frame limitano la flessibilità nella progettazione
- Si pensa che i frame utilizzano spazio di schermo prezioso
- Il codice sorgente dell'HTML può essere eliminato dall'utente

Pianificazione dei Frames

- Prima di iniziare a creare le vostre strutture, è buona idea pianificare il loro aspetto e il modo in cui devono essere utilizzati. Ci sono diversi aspetti da considerare :
 - Quali informazioni devono essere visualizzati in ogni frame?
 - Come volete inserire i frame nella pagina?
 - Che dimensione avrà ogni frame?
 - Quali frame saranno statici (avranno sempre lo stesso contenuto)?
 - Quale pagina web vedrà l'utente la prima volta?
 - Gli utenti possono ridimensionare i frame?

Creare un frameset

- Un **frameset** descrive come sono organizzati i frame per righe o per colonne



```
<frameset rows="*,*">  
  <frame name="superiore" src= "sopra.htm" >  
  <frame name="inferiore " src= " sotto.htm " >  
</noframes>  
<body>  
  <p>La pagina utilizza i frame, ma il browser  
in uso non li supporta.</p>  
</body>  
</noframes>  
</frameset>
```



```
<frameset cols="*,*">  
  <frame name="sinistra" src= "sinistra.htm" >  
  <frame name="destra" src= "destra.htm" >  
</noframes>  
<body>  
  <p>La pagina utilizza i frame, ma il browser in  
uso non li supporta.</p>  
</body>  
</noframes>  
</frameset>
```

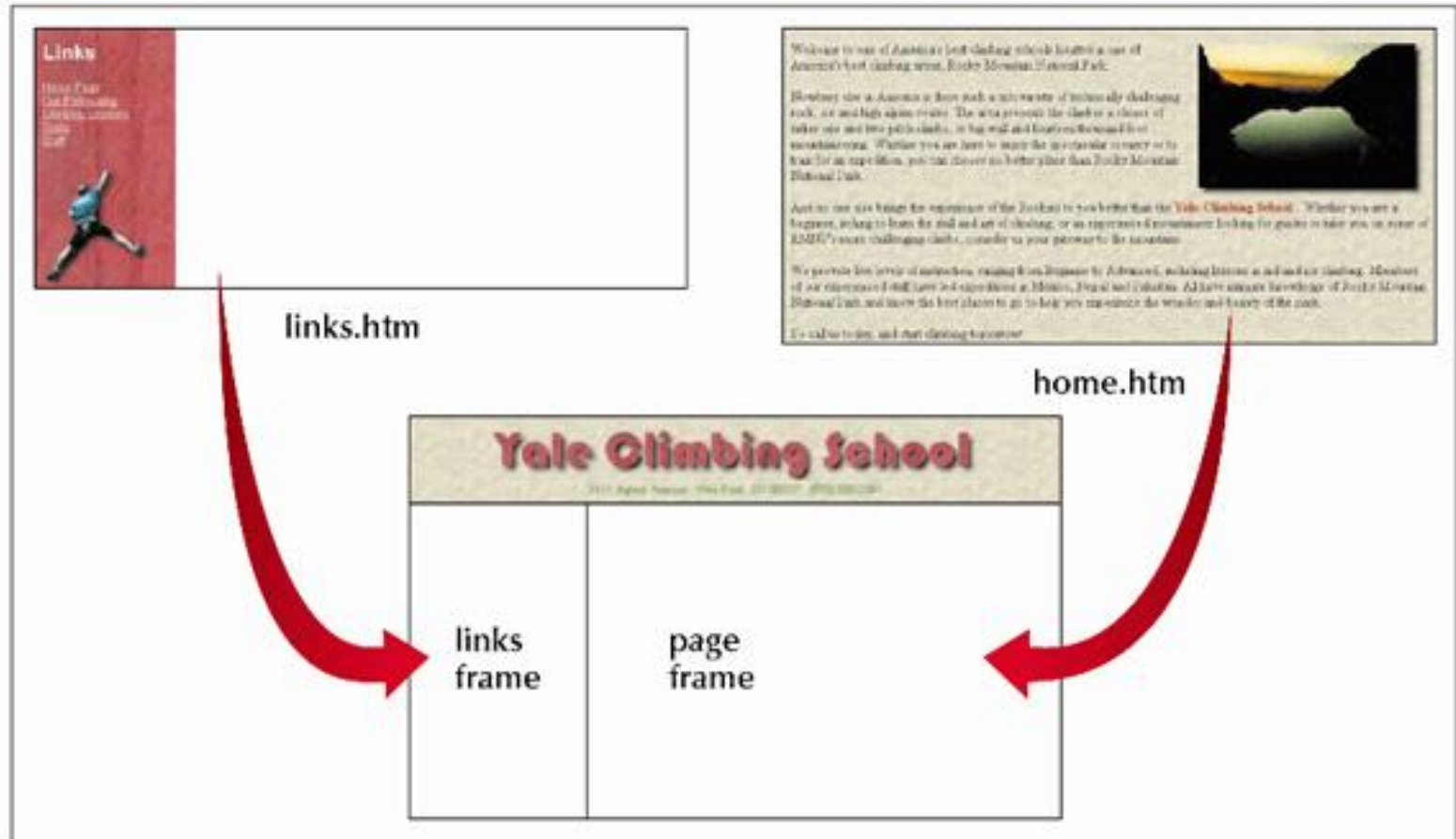

Esempio: creare una pagina con frame annidati composta da due righe e nella seconda riga due frame colonna

```
<html>
<head>
<title>The Yale Climbing School</title>
</head>
<frameset rows="85,*">
  <!-- Company Logo -->
  <frame src="head.htm">
    <!-- Nested Frames -->
    <frameset cols="140,*">
      </frameset>
    </frameset>
  </frameset>
</html>
```

due frame colonne
inserite nel secondo
frame riga



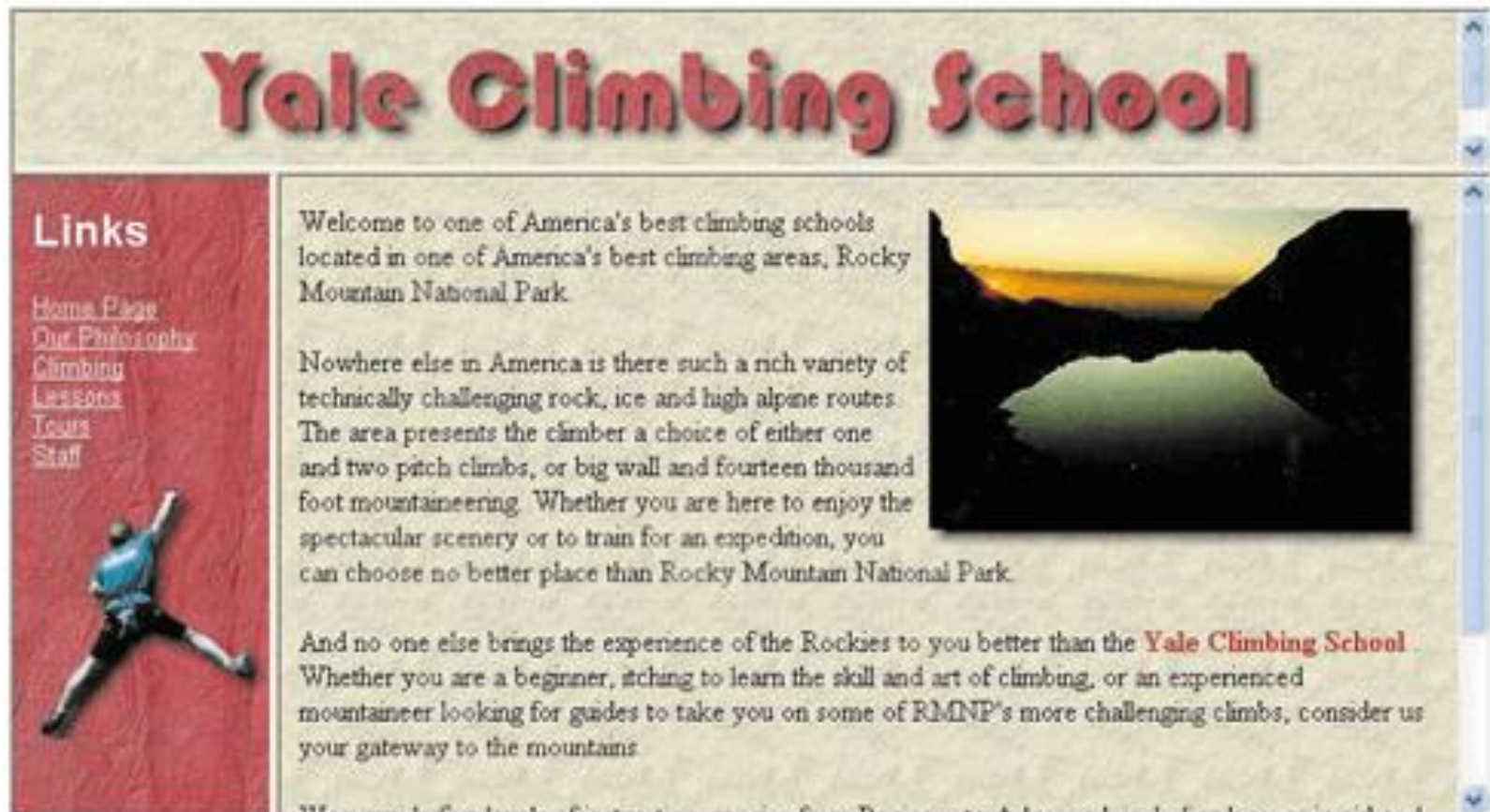
Frames annidati



Esempio: Frame intestazione, sommario e pagina

```
<frameset rows="85,*">
  <!-- Company Logo -->
  <frame src="head.htm" />
  <!-- Nested Frames -->
  <frameset cols="140,*">
    <!-- List of Links -->
    <frame src="links.htm" />
    <!-- YCS Home Page -->
    <frame src="home.htm" />
  </frameset>
</frameset>
```

Risultato



The image shows a screenshot of the Yale Climbing School website. The main heading is "Yale Climbing School" in large, red, 3D-style letters. Below the heading, there is a navigation menu on the left with links: "Home Page", "Our Philosophy", "Climbing Lessons", "Tours", and "Staff". The main content area features a welcome message, a paragraph about the climbing area in Rocky Mountain National Park, and a paragraph about the school's offerings. A photograph of a climber is visible in the bottom left corner of the website layout.

Yale Climbing School



Links

- [Home Page](#)
- [Our Philosophy](#)
- [Climbing Lessons](#)
- [Tours](#)
- [Staff](#)

Welcome to one of America's best climbing schools located in one of America's best climbing areas, Rocky Mountain National Park.

Nowhere else in America is there such a rich variety of technically challenging rock, ice and high alpine routes. The area presents the climber a choice of either one and two pitch climbs, or big wall and fourteen thousand foot mountaineering. Whether you are here to enjoy the spectacular scenery or to train for an expedition, you can choose no better place than Rocky Mountain National Park.

And no one else brings the experience of the Rockies to you better than the **Yale Climbing School**. Whether you are a beginner, itching to learn the skill and art of climbing, or an experienced mountaineer looking for guides to take you on some of RMNP's more challenging climbs, consider us your gateway to the mountains.



Formattazione Frame:

1) Rimozione dello Scroll Bars dal Logo Frame

2) Specificare I margini e l'ampiezza dei Frames

```
<frameset rows="85,*">
  <!-- Company Logo -->
  <frame src="head.htm" scrolling="no">
  <!-- Nested Frames -->
  <frameset cols="140,*">
    <!-- List of YCS Links -->
    <frame src="links.htm">
    <!-- YCS Home Page -->
    <frame src="home.htm">
  </frameset>
</frameset>
```

```

  <frameset rows="85,*">
    <!-- Company Logo -->
    <frame src="head.htm" scrolling="no" marginheight="0">
    <!-- Nested Frames -->
    <frameset cols="140,*">
      <!-- List of YCS Links -->
      <frame src="links.htm">
      <!-- YCS Home Page -->
      <frame src="home.htm" marginheight="0" marginwidth="10">
    </frameset>
  </frameset>
```




Risultato

Yale Climbing School

2411 Agnes Avenue Yale Park, CO 80517 (970) 555-2341

Links

- [Home Page](#)
- [Our Philosophy](#)
- [Climbing Lessons](#)
- [Tours](#)
- [Stuff](#)




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We provide five levels of instruction, ranging from Beginner to Advanced, including lessons in aid and



Modificare in esecuzione l'ampiezza del Frame

- Di default, gli utenti possono modificare l'ampiezza del frame semplicemente cliccando e trascinando il bordo del frame
- Per evitare di modificare l'ampiezza del frame basta assegnare all'attributo **noresize="noresize"**

I Files da preparare per fare un sito web



Assegnare un nome al Frame

```
<frameset rows="85,*">
  <!-- Company Logo -->
  <frame src="head.htm" scrolling="no" marginheight="0" noresize name="logo">
  <!-- Nested Frames -->
  <frameset cols="140,*">
    <!-- List of YCS Links -->
    <frame src="links.htm" noresize name="links">
    <!-- YCS Home Page -->
    <frame src="home.htm" marginheight="0" marginwidth="10" noresize name="pages">
  </frameset>
</frameset>
```

Specificare la destinazione della pagina

```
<html>
<head>
<title>Yale Climbing School Links</title>
</head>
<body background="wall2.jpg" text="white" link="white" vlink="white" alink="white">
<font face="Arial, Helvetica, sans-serif" color="white">
<h2>Links</h2>
<font size="2"><b>
<a href="home.htm" target="pages">Home Page</a><br>
<a href="philosph.htm" target="pages">Our Philosophy</a><br>
<a href="lessons.htm" target="pages">Climbing Lessons</a><br>
<a href="tours.htm">Tours</a><br>
<a href="staff.htm">Staff</a>
</b></font>
</body>
</html>
```

Invece dei nomi si possono utilizzare del Target name riservati

Reserved Target Name	Function in a frameset
_blank	Loads the target document into a new browser window
_self	Loads the target document into the frame containing the link
_parent	Loads the target document into the parent of the frame containing the link
_top	Loads the document into the full display area, replacing the current frame layout

Uso del `_self` target

```
<h2>Links</h2>
<p style="font-size: 0.8em">
<a href="home.htm" target="pages">Home Page</a><br />
<a href="philosph.htm" target="pages">Our Philosophy</a><br />
<a href="lessons.htm" target="pages">Climbing Lessons</a><br />
<a href="tours.htm" target="_self">Tours</a><br />
<a href="staff.htm">staff</a>
</p>
```

La sintassi <noframes>

- La sintassi del tag <noframes> é:

```
<html>
<head>
<title>title</title>
</head>
<frameset>
  frames
<noframes>
  <body>
    page content
  </body>
</noframes>
</frameset>
</html>
```


Versione del sito web senza Frame

Yale Climbing School

2411 Agnes Avenue Vale Park, CO 80517 (970) 555-2341

Links

- [Home Page](#)
- [Our Philosophy](#)
- [Climbing Lessons](#)
- [Tours](#)
 - [Petit Grapion](#)
 - [Lumpy Ridge](#)
 - [North Face](#)
 - [Kieners](#)
 - [The Diamond](#)
 - [Eldorado](#)
- [Staff](#)




Welcome to one of America's best climbing schools located in one of America's best climbing areas, Rocky Mountain National Park.

Nowhere else in America is there such a rich variety of technically challenging rock, ice and high alpine routes. The area presents the climber a choice of either one and two pitch climbs, or big wall and fourteen thousand foot mountaineering. Whether you are here to enjoy the spectacular scenery or to train for an expedition, you can choose no better place than Rocky Mountain National Park.

And no one else brings the experience of the Rockies to you better than the **Yale Climbing School**. Whether you are a beginner, itching to learn the skill and art of climbing, or an experienced mountaineer looking for guides to take you on some of RMNP's more challenging climbs, consider us your gateway to the mountains.

We provide five levels of instruction, ranging from Beginner to Advanced, including lessons in aid and ice climbing. Members of our experienced staff have led expeditions in Mexico, Nepal and Pakistan. All have intimate knowledge of Rocky Mountain National Park and know the best places to go to help you experience the wonder and beauty of the park.

So call us today, and start climbing tomorrow!



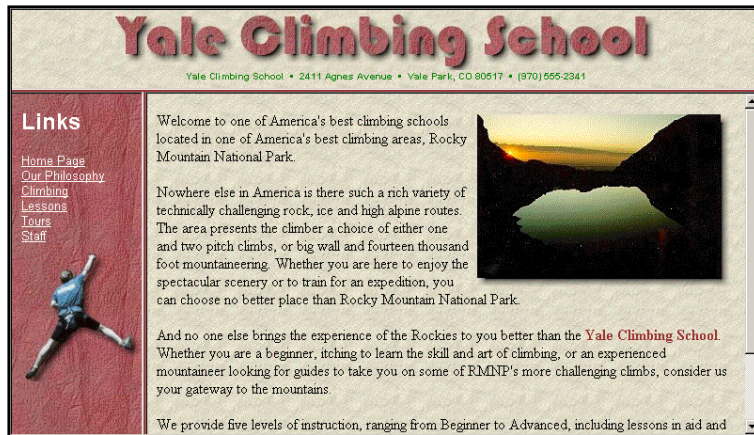
Inserimento del codice HTML in tag <noframe>

```
<frameset rows="85,*">
  <!-- Company Logo -->
  <frame src="head.htm" scrolling="no" marginheight="0" noresize name="logo">
  <!-- Nested Frames -->
  <frameset cols="140,*">
    <!-- List of YCS Links -->
    <frame src="links.htm" noresize name="links">
    <!-- YCS Home Page -->
    <frame src="home.htm" marginheight="0" marginwidth="10" noresize name="pages">
  </frameset>
</frameset>
<!-- Noframes version of this page -->
<noframes>
<body background="wall.jpg" link="white" vlink="white" alink="white">
<table width="620" cellpadding="5">
<tr>
<p>we provide five levels of instruction, ranging from Beginner to
Advanced, including lessons in aid and ice climbing. Members of our
experienced staff have led expeditions in Mexico, Nepal and Pakistan.
All have intimate knowledge of Rocky Mountain National Park and know the
best places to go to help you experience the wonder and beauty of the
park.</p>
<p>So call us today, and start climbing tomorrow!</p>
</td>
</tr>
</table>
</body>
</noframes>
</html>
```

**Contenuto del
sito senza
frame**

Sito web con bordi dei frame di colore marrone

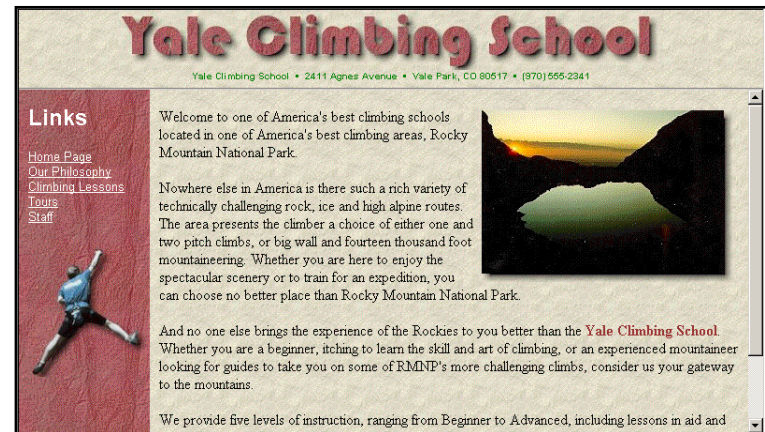
`<bordercolor="color">`



Sito web con frame senza bordi

`<frameborder="value">`

`value=0` senza bordi



Creare un Inline Frames

È un contenitore di oggetti all'interno di una pagina web:

- The syntax for a floating frame is:

```
<iframe src="url">
```

contenuto visualizzato su browser che non supportano frame

```
</iframe>
```

- **URL** é l'oggetto nel floating frame
- Altri attribute che possono essere usati sono:
 - *marginwidth*, *marginheight*, e *name*

Attributi di inline frames

Attribute	Description
<code>align="position"</code>	Places the frame in relationship to the surrounding content. Deprecated
<code>border="value"</code>	The size of the border around the frame, in pixels. Deprecated
<code>frameborder="value"</code>	Specifies whether to display a frame border (1) or not (0)
<code>height="value"</code> <code>width="value"</code>	The height and width of the frame, in pixels
<code>hspace="value"</code> <code>vspace="value"</code>	The horizontal and vertical space around the frame, in pixels. Deprecated
<code>marginheight="value"</code> <code>marginwidth="value"</code>	The size of the internal margins of the frame, in pixels
<code>name="text"</code>	The name of the frame
<code>scrolling="type"</code>	Specifies whether the frame can be scrolled ("yes") or not ("no")
<code>src="url"</code>	The URL of the document displayed in the inline frame
<code>style="styles"</code>	Styles applied to the inline frame

Creating an inline frame

```
<html>
<head>
<title>The YCS staff</title>
</head>
<body background="wall.jpg">

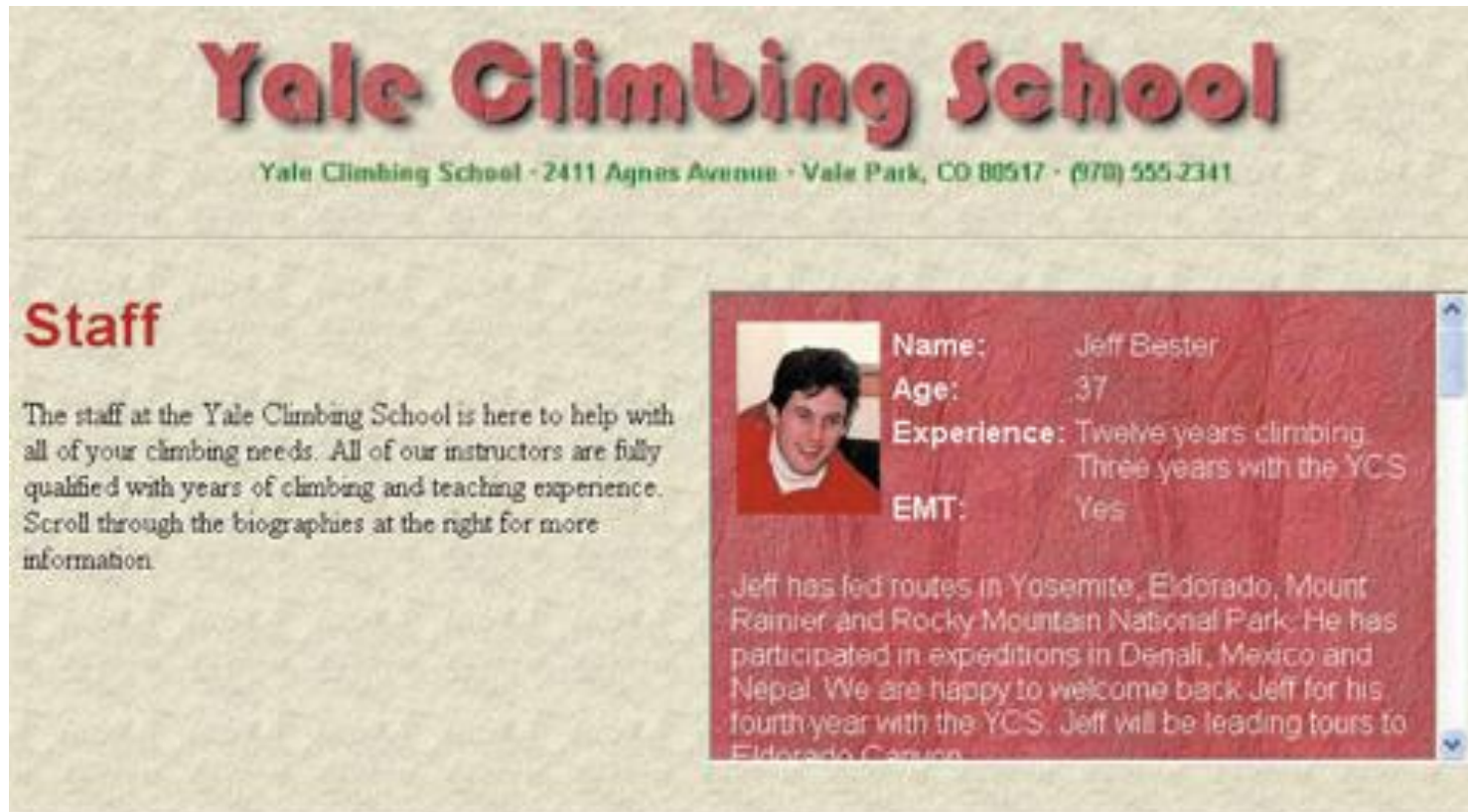
<center><br>
<font face="Arial, Helvetica, sans-serif" size="1" color="green"><b>
  Yale Climbing School &nbsp;&nbsp;&nbsp;&#149;&nbsp;&nbsp;&nbsp;
  2411 Agnes Avenue &nbsp;&nbsp;&nbsp;&#149;&nbsp;&nbsp;&nbsp;
  Vale Park, CO 80517 &nbsp;&nbsp;&nbsp;&#149;&nbsp;&nbsp;&nbsp;
  (970) 555-2341
</b></font>
<hr width="100%">
</center>

<iframe width="400" height="250" align="right" hspace="5" src="bios.htm">
</iframe>

<h1><font face="Arial, Helvetica, sans-serif" color="brown">staff</font></h1>
The staff at the Yale Climbing School is here to help with all of your climbing needs.
All of our instructors are fully qualified with years of climbing and teaching experience.
Scroll through the biographies at the right for more information.
</body>
</html>
```

HTML code to create an inline frame


Visualizzazione di un Floating Frame



Yale Climbing School
Yale Climbing School - 2411 Agnes Avenue - Vale Park, CO 80517 - (970) 555-2341

Staff

The staff at the Yale Climbing School is here to help with all of your climbing needs. All of our instructors are fully qualified with years of climbing and teaching experience. Scroll through the biographies at the right for more information.

	Name: Jeff Bester
	Age: 37
	Experience: Twelve years climbing. Three years with the YCS
	EMT: Yes

Jeff has led routes in Yosemite, Eldorado, Mount Rainier and Rocky Mountain National Park. He has participated in expeditions in Denali, Mexico and Nepal. We are happy to welcome back Jeff for his fourth year with the YCS. Jeff will be leading tours to Eldorado Canyon.