

Cap 13

tabelle

Table dissected

The `<table>` tag is the tag that starts the whole thing off. When you want a table, start here.

The `<th>` element contains one cell in the heading of your table. It must be inside a table row.

The `</tr>` tag ends a row of the table.

City	Date	Temp	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75°	1,204 ft	29,686	4/5
Magic City, ID	June 25th	74°	5,312 ft	50	3/5
Bountiful, UT	July 10th	91°	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102°	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93°	4,242 ft	7,289	5/5
Why, AZ	August 18th	104°	860 ft	480	3/5

`<table>`

`<tr>`

`<tr>`

`<tr>`

`<tr>`

`<tr>`

`<tr>`

`<tr>`

`<th>Date</th>`

`</tr>`

`</tr>`

`</tr>`

`</tr>`

`</tr>`

`</tr>`

`</tr>`

Each `<tr>` element specifies a table row. So, all the table data that goes in a row is nested inside the `<tr>` element.

`<td>August 9th</td>`

The `<td>` element contains one data cell in your table. It must be inside a table row.

`</table>`

The `</table>` tag ends the table.

Summary and Caption

```
<table summary="This table holds data about the cities I visited on my travels. I've included the date I was in each city, the temperature when I was there, and altitude and population of each city. I've also included a rating of the diners where I had lunch, on a scale from 1 to 5.">
```

The summary doesn't appear in the Web page display. This is purely for accessibility, and acts as a bit of text a screen reader may read aloud to a user to describe the table.

```
<caption>
  The cities I visited on my
  Segway'n USA travels
</caption>
```



The caption, on the other hand, is displayed in the browser. By default, most browsers display this above the table.

```
<tr>
  <th>City</th>
  <th>Date</th>
  <th>Temperature</th>
  <th>Altitude</th>
  <th>Population</th>
  <th>Diner Rating</th>
</tr>
<tr>
  <td>Walla Walla, WA</td>
  <td>June 15th</td>
  <td>75</td>
  <td>1,204 ft</td>
  <td>29,686</td>
  <td>4/5</td>
</tr>
<tr>
  <td>Magic City, ID</td>
  <td>June 25th</td>
  <td>74</td>
  <td>5,312 ft</td>
  <td>50</td>
  <td>3/5</td>
```

If you don't like the default location of the caption, you can use CSS to reposition it (we'll give that a try in a sec), although some browsers don't fully support repositioning the caption yet.

```
</tr>
.
.
.
</table>
```

The rest of the table rows go here.

Styling the table

```
body {
  font-family: Verdana, Geneva, Arial, sans-serif;
  font-size: small;
}
h1, h2 {
  font-weight: normal;
  color: #cc6600;
  border-bottom: thin dotted #888888;
}
h1 {
  font-size: 170%;
}
h2 {
  font-size: 130%;
}
blockquote {
  font-style: italic;
}
```

This is all the style that's currently in Tony's Web page. We added all this in Chapter 9. We're going to add the new style for the tables below it.

```
table {
  margin-left: 20px;
  margin-right: 20px;
  border: thin solid black;
  caption-side: bottom;
}

td, th {
  border: thin dotted gray;
  padding: 5px;
}

caption {
  font-style: italic;
  padding-top: 8px;
}
```

First, we'll style the table. We're going to add a margin on the left and right, and a thin, black border to the table.

And, we're going to move that caption to the bottom of the table.

Let's also change the border on the table data cells to be a much lighter, dotted border in gray.

And let's add some padding to the data cells so there's some space between the data content and the border.

This rule styles the caption. We're changing the font-style to italic and adding some top padding.

Styled tables

The table looks quite different now that you've styled it. We're also inheriting a few styles that were already in Tony's journal.

All the fonts are now sans-serif and a smaller size. We picked that up from the previous styles already in the file.

Now we've got a dark border and dotted lines.

And we've got some margin on the table and some padding in each table cell.

Those dotted lines are looking really busy and distracting though. It doesn't help that they are duplicated between each pair of table cells.

My Trip Around the USA on a Segway

file:///chapter13/journal/journal.html

Segway'n USA

Documenting my trip around the US on my very own Segway!

August 20, 2005



Well, I made it 1200 miles already, and I passed through some interesting places on the way:

City	Date	Temperature	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5
Magic City, ID	June 25th	74	5,312 ft	50	3/5
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5
Why, AZ	August 18th	104	860 ft	480	3/5

The cities I visited on my Segway'n USA travels

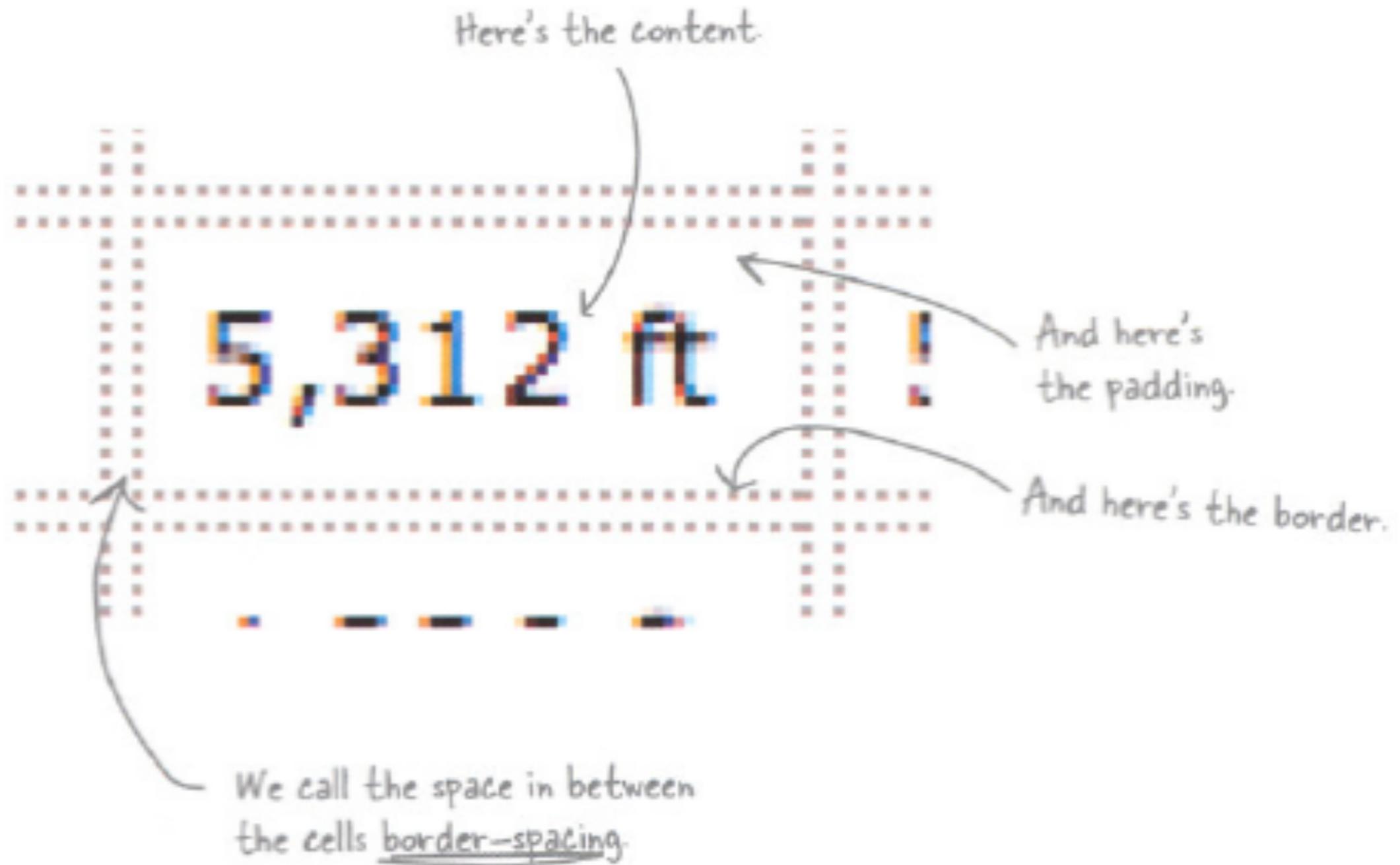
July 14, 2005

I saw some Burma Shave style signs on the side of the road today:

Passing cars,
When you can't see,
May get you,
A glimpse,
Of eternity.

Remember, in browsers that don't support the caption-side property, the caption will still be at the top of the table.

Border, padding and border-spacing



Border-collapse

```
table {  
  margin-left: 20px;  
  margin-right: 20px;  
  border: thin solid black;  
  caption-side: bottom;  
  border-collapse: collapse;  
}
```

Add a border-collapse property and set its value to "collapse".



Now you just have one single border around all the table cells. Just what we wanted, and don't you agree the table looks much cleaner now?

My Trip Around the USA on a Segway

Segway'n USA

Documenting my trip around the US on my very own Segway!

August 20, 2005



Well, I made it 1200 miles already, and I passed through some interesting places on the way:

City	Date	Temperature	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5
Magic City, ID	June 25th	74	5,312 ft	50	3/5
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5
Why, AZ	August 18th	104	860 ft	480	3/5

The cities I visited on my Segway'n USA travels

July 14, 2005

I saw some Burma Shave style signs on the side of the road today:

Passing cars,
When you can't see,
May get you,
A glimpse,
Of eternity.

I definitely won't be passing any cars.

Rowspan and colspan

City	Date	Temp	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75°	1,204 ft	29,686	4/5
Magic City, ID	June 25th	74°	5,312 ft	50	3/5
Bountiful, UT	July 10th	91°	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102°	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93°	4,242 ft	7,289	5/5
	August 27th	98°			4/5
Why, AZ	August 18th	104°	860 ft	480	3/5

These cells span two rows.

While the date, temp, and diner rating cells take up just one.

Rowspan and colspan

```
<tr>
  <td rowspan="2">Truth or Consequences, NM</td>
  <td class="center">August 9th</td>
  <td class="center">93</td>
  <td rowspan="2" class="right">4,242 ft</td>
  <td rowspan="2" class="right">7,289</td>
  <td class="center">5/5</td>
</tr>
```

Here are the two table rows that have the New Mexico data.

For the data cells that don't change on the second visit (city, altitude, and population) we add a rowspan attribute indicating the table data spans two rows.

```
<tr>
  <td class="center">August 27th</td>
  <td class="center">98</td>
  <td class="center">4/5</td>
</tr>
```

The city is not needed because of the rowspan.

Same with altitude and population.

Then in the second row we specify just the rows we need (date, temp, and a new rating).

Table inside a table

```
<tr>
  <td rowspan="2">Truth or Consequences, NM</td>
  <td class="center">August 9th</td>
  <td class="center">93</td>
  <td rowspan="2" class="right">4,242 ft</td>
  <td rowspan="2" class="right">7,289</td>
  <td class="center">5/5</td>
</tr>
```

```
<tr>
  <td class="center">August 27th</td>
  <td class="center">98</td>
  <td>
```

~~4/5~~

```
<table>
  <tr>
    <th>Tess</th>
    <td>5/5</td>
  </tr>
  <tr>
    <th>Tony</th>
    <td>4/5</td>
  </tr>
</table>
```

First delete the old rating that represented Tony's rating...

... and put a table in its place. This table holds two diner ratings: one for Tess and one for Tony. We're using table headings for their names, and data cells for their ratings.

```
</td>
</tr>
```

Table inside a table

My Trip Around the USA on a Segway

file:///chapter13/journal/journal.html

Segway'n USA

Documenting my trip around the US on my very own Segway!

August 20, 2005



Well, I made it 1200 miles already, and I passed through some interesting places on the way:

City	Date	Temperature	Altitude	Population	Diner Rating	
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5	
Magic City, ID	June 25th	74	5,312 ft	50	3/5	
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5	
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5	
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5	
	August 27th	98			<table border="1"><tr><td>Tess</td><td>5/5</td></tr><tr><td>Tony</td><td>4/5</td></tr></table>	Tess
Tess	5/5					
Tony	4/5					
Why, AZ	August 18th	104	860 ft	480	3/5	

The cities I visited on my Segway'n USA travels

July 14, 2005

I saw some Burma Shave style signs on the side of the road today:

*Passing cars,
When you can't see,
May get you,
A glimpse,
Of eternity.*

Wow, looking nice.
Only that background
really is a bit much
for a nested table.
Let's keep the names
bold, but take off
the background color.

City	Date	Temperature	Altitude	Population	Diner Rating	
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5	
Magic City, ID	June 25th	74	5,312 ft	50	3/5	
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5	
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5	
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5	
	August 27th	98			<table border="1"> <tr> <td>Tess</td> <td>5/5</td> </tr> <tr> <td>Tony</td> <td>4/5</td> </tr> </table>	Tess
Tess	5/5					
Tony	4/5					
Why, AZ	August 18th	104	860 ft	480	3/5	

The cities I visited on my Segway'n USA travels

We want to change the background color of the nested table headers to white.

```

_____ {
background-color: white;
}

```

Determine the selector to select only the nested table heading elements.

Stop! Don't turn the page until you do this exercise.



Solution

```
table table th {  
  background-color: white;  
}
```

My Trip Around the USA on a Segway

Segway'n USA

Documenting my trip around the US on my very own Segway!

August 28, 2005



Well, I made it 1200 miles already, and I passed through some interesting places on the way:

City	Date	Temperature	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75	1,204 ft	20,686	4/5
Magic City, ID	June 25th	74	5,312 ft	50	3/5
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93	4,242 ft	2,289	Tess 5/5
	August 27th	98			Tony 4/5
Why, AZ	August 18th	104	860 ft	480	3/5

The cities I visited on my Segway'n USA travels

July 14, 2005

I saw some Burma Shave style signs on the side of the road today:

Passing cars,
When you can't see,
May get you,
A glimpse,
Of eternity.

Now the <th> in the nested table has a white background.

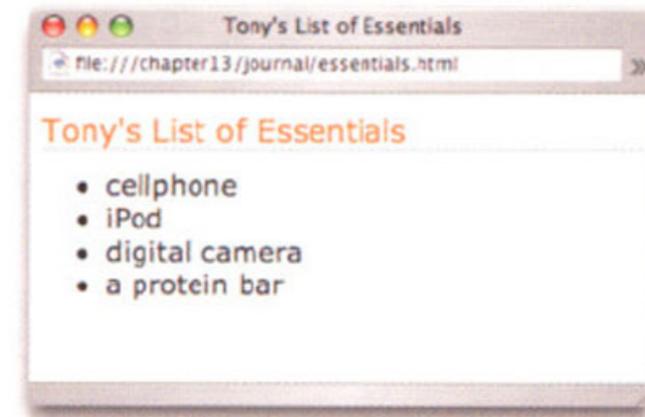
But notice it still has the bold font weight since we didn't override that property.

Style list

Here we're setting the style on the element. You can also set it on the element, and it will be inherited by the elements.

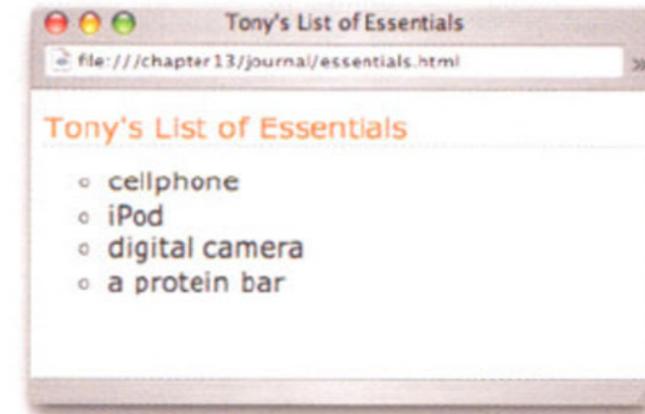
```
li {  
  list-style-type: disc;  
}
```

Disc is the default marker type.



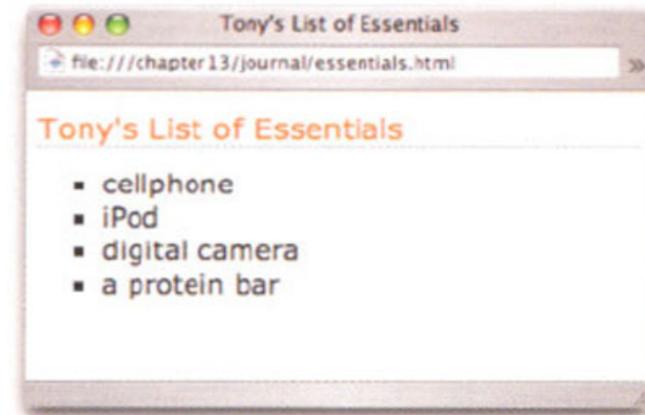
```
li {  
  list-style-type: circle;  
}
```

The circle property value gives you a simple circle marker.



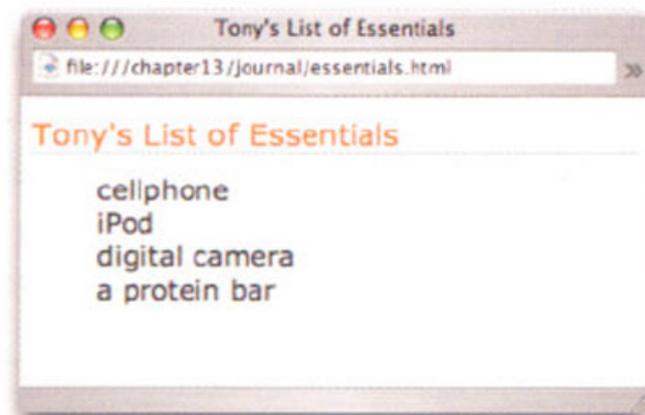
```
li {  
  list-style-type: square;  
}
```

And square gives you a square marker.



```
li {  
  list-style-type: none;  
}
```

A value of none removes the marker altogether.



Style list

```
li {  
  list-style-image: url(images/backpack.gif);  
  padding-top: 5px;  
  margin-left: 20px;  
}
```

Here's the list-style-image property, which we're setting to a URL.

The image "backpack.gif" is a small version of this backpack. Seems fitting doesn't it? And in Tony's signature color, too.

We're adding some margin to add space on the left of the list items, and also a little top padding to give each list item a bit of headroom.



June 2, 2005



My first day of the trip! I can't believe I finally got everything packed and ready to go. Because I'm on a Segway, I wasn't able to bring a whole lot with me:

- cellphone
- iPod
- digital camera
- a protein bar

Just the essentials. As Lao Tzu would have said, "A journey of a thousand miles begins with one Segway."

Here's the list with the marker replaced with an image and some extra margin and padding spacing.

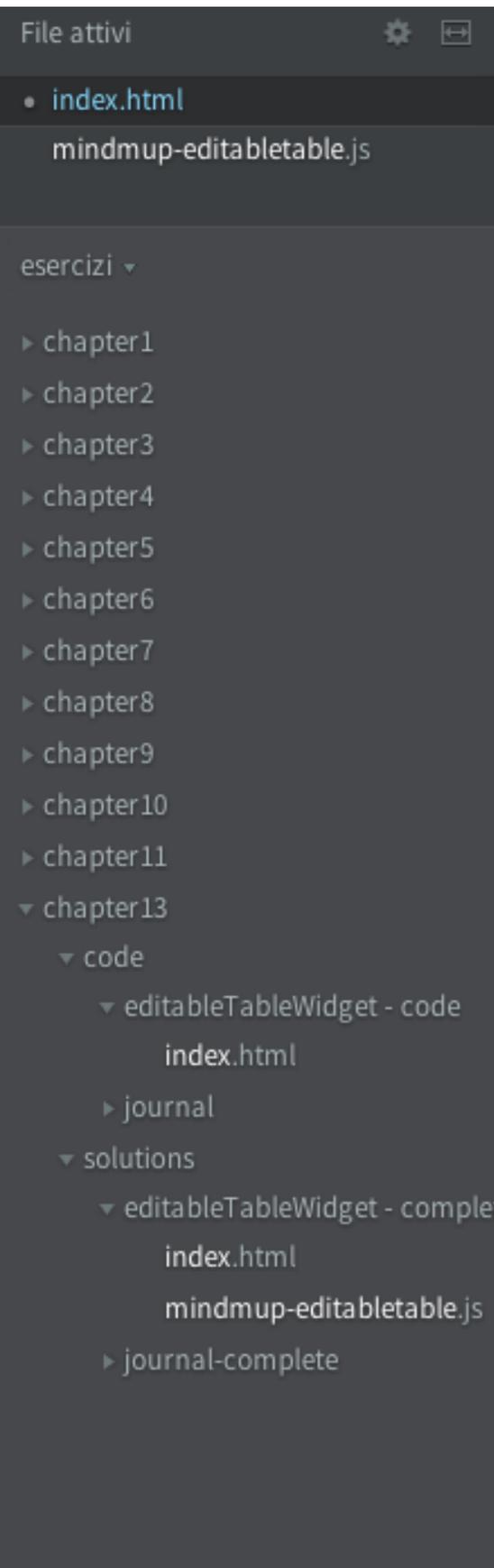
editableTableWidget

tiny editable jQuery Bootstrap spreadsheet

Name	Cost	Profit	Fun
Car	100	200	0
Bike	330	240	1
Plane	430	540	3
Yacht	100	200	0
Segway	330	240	1
TOTAL	1290	1420	5

just start typing to edit, or move around with arrow keys or mouse clicks!

1) creare una tabella in una nuova pagina



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>editableTableWidget</title>
5     <meta charset="utf-8"/>
6 </head>
7 <body>
8
9     <table id="miatabella">
10         <tr>
11             <th>colonna 1</th>
12             <th>colonna 2</th>
13             <th>colonna 3</th>
14         </tr>
15         <tr>
16             <td>10</td>
17             <td>20</td>
18             <td>30</td>
19         </tr>
20         <tr>
21             <td>15</td>
22             <td>25</td>
23             <td>25</td>
24         </tr>
25         <tr>
26             <td>40</td>
27             <td>50</td>
28             <td>60</td>
29         </tr>
30     </table>
31
32 </body>
33 </html>
```

specificare un ID

2) collegarsi all'indirizzo

<https://mindmup.github.io/editable-table/>

e cliccare sul link nella sezione **About**

About

This tiny (3KB, < 120 lines) jQuery plugin turns any table into an editable spreadsheet. Here are the key features:

3) copiare tutto il codice

GitHub

This repository Search

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mindmup / **editable-table**

Watch 26

★ Star 211

Fork 80

branch: master **editable-table / mindmup-editabletable.js**

davedf on Apr 3, 2014 fix for multiple tables while preserving \$.fn.editableTableWidget.defa...

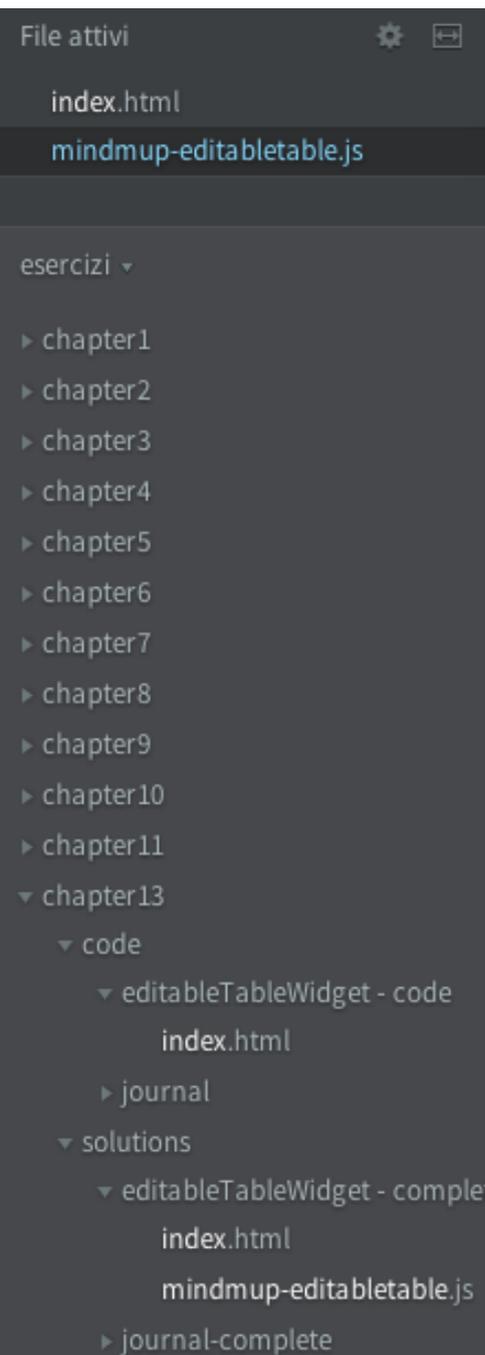
2 contributors

132 lines (127 sloc) | 3.752 kb

Raw Blame History

```
1 /*global $, window*/
2 $.fn.editableTableWidget = function (options) {
3     'use strict';
4     return $(this).each(function () {
5         var buildDefaultOptions = function () {
6             var opts = $.extend({}, $.fn.editableTableWidget.defaultOptions);
7             opts.editor = opts.editor.clone();
8             return opts;
9         },
10        activeOptions = $.extend(buildDefaultOptions(), options),
11        ARROW_LEFT = 37, ARROW_UP = 38, ARROW_RIGHT = 39, ARROW_DOWN = 40, ENTER = 13, ESC = 27, TAB =
12        element = $(this),
13        editor = activeOptions.editor.css('position', 'absolute').hide().appendTo(element.parent()),
14        active,
15        showEditor = function (select) {
16            active = element.find('td:focus');
17            if (active.length) {
18                editor.val(active.text())
19                    .removeClass('error')
20                    .show()
21                    .offset(active.offset())
22                    .css(active.css(activeOptions.cloneProperties))
```

4) creare un file .js e incollare il codice



```
1 /*global $, window*/
2 $.fn.editableTableWidget = function (options) {
3     'use strict';
4     return $(this).each(function () {
5         var buildDefaultOptions = function () {
6             var opts = $.extend({}, $.fn.editableTableWidget.defaultOptions);
7             opts.editor = opts.editor.clone();
8             return opts;
9         },
10        activeOptions = $.extend(buildDefaultOptions(), options),
11        ARROW_LEFT = 37, ARROW_UP = 38, ARROW_RIGHT = 39, ARROW_DOWN = 40, ENTER = 13, ESC
12        = 27, TAB = 9,
13        element = $(this),
14        editor = activeOptions.editor.css('position',
15        'absolute').hide().appendTo(element.parent()),
16        active,
17        showEditor = function (select) {
18            active = element.find('td:focus');
19            if (active.length) {
20                editor.val(active.text())
21                .removeClass('error')
22                .show()
23                .offset(active.offset())
24                .css(active.css(activeOptions.cloneProperties))
25                .width(active.width())
26                .height(active.height())
27                .focus();
28            if (select) {
29                editor.select();
30            }
31        },
32        setActiveText = function () {
33            var text = editor.val(),
34            evt = $.Event('change'),
35            originalContent;
36            if (active.text() === text || editor.hasClass('error')) {
37                return true;
38            }
39            originalContent = active.text();
40            active.text(text);
41            editor.trigger(evt);
42        };
43    });
44}
```

5) aggiungere a fine pagina

```
132 window.onload = function() {  
133       
134     $('#miatabella').editableTableWidget();  
135       
136 }  
137
```

id specificato per la mia tabella

6) linkare il file .js e importare jQuery nella pagina html

```
<head>  
  <title>editableTableWidget</title>  
  <meta charset="utf-8"/>  
  <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>  
  <script type="text/javascript" src="mindmup-editabletable.js"></script>  
</head>
```

ora aprite l'index nel browser e provate a cliccare su una cella



colonna 1	colonna 2	colonna 3
10	20	30
15	25	25
40	50	60