Cap 6

validator

esercizio

```
1  <html>
2    <head>
3      <title>Head First Lounge</title>
4      <meta charset="utf-8"/>
5    </head>
6    <body>
7      <h1>Welcome to the New and Improved Head First Lounge</h1>
8      <img src="images/drinks.gif">
9      <p>
10       Join us any evening for refreshing
11       <a href="beverages/elixir.html">elixirs</a>,
12       conversation and maybe a game or two of
13       <em>Dance Dance Revolution</em>.
14       Wireless access is always provided;
15       BYOWS (Bring Your Own Web Server).
16     </p>
17     <h2>Directions</h2>
18     <p>
19       You'll find us right in the center
20       of downtown Webville.  If you need help finding
21       us, check out our
22       <a href="about/directions.html">detailed directions</a>.
23       Come join us!
24     </p>
25   </body>
26 </html>
27
```
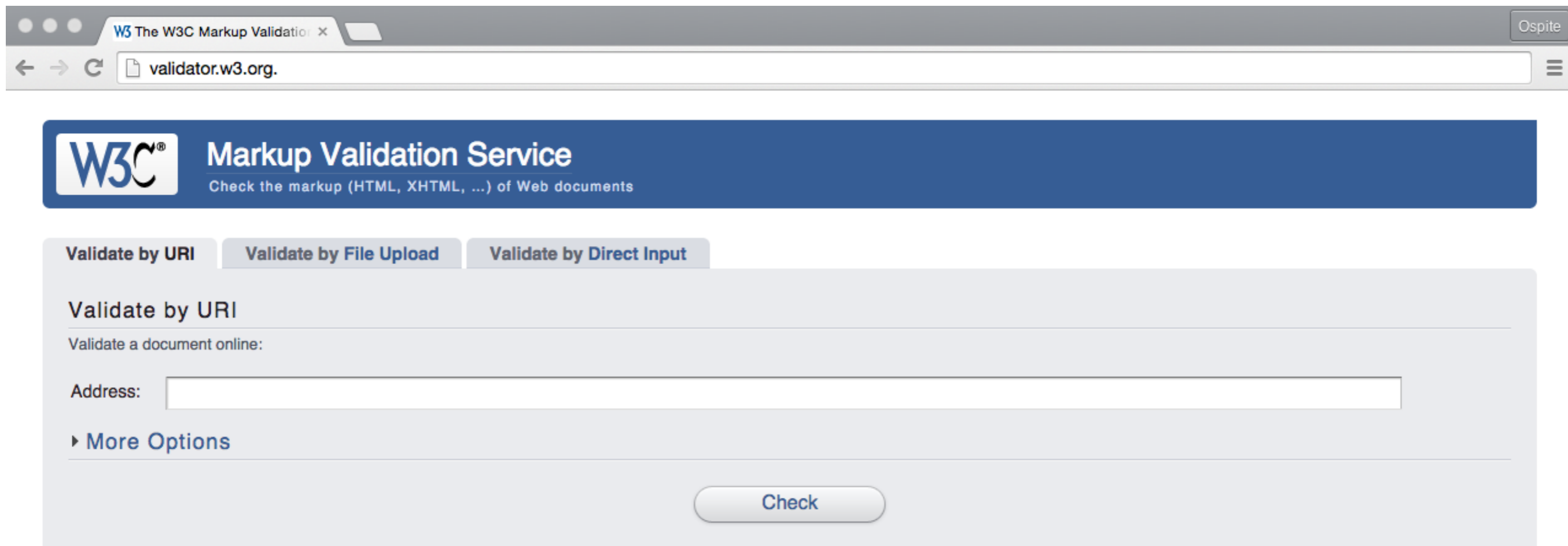
cosa manca?

proviamo a validarlo
http://validator.w3.org.

metodi di validazione

metodo 1

metodi di validazione

metodo 2

W3C® **Markup Validation Service**
Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI   **Validate by File Upload**   Validate by **Direct Input**

Validate by File Upload

Upload a document for validation:

File: Scegli file   Nessun file selezionato

▸ More Options

Check

metodi di validazione
metodo 3

W3C®

Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI   **Validate by File Upload**   **Validate by Direct Input**

Validate by direct input

Enter the Markup to validate:

```
<html>
  <head>
    <title>Head First Lounge</title>
    <meta charset="utf-8"/>
  </head>
  <body>
    <h1>Welcome to the New and Improved Head First Lounge</h1>
    <img src="images/drinks.gif">
    <p>
      Join us any evening for refreshing
      <a href="beverages/elixir.html">elixirs</a>,
      conversation and maybe a game or two of
```

cosa otteniamo?

❌ *Line 1, Column 1*: **no document type declaration; implying "<!DOCTYPE HTML SYSTEM>"**

`<html>`

The checked page did not contain a document type ("DOCTYPE") declaration. The Validator has tried to validate with a fallback DTD, but this is quite likely to be incorrect and will generate a large number of incorrect error messages. It is highly recommended that you insert the proper DOCTYPE declaration in your document -- instructions for doing this are given above -- and it is necessary to have this declaration before the page can be declared to be valid.

❌ *Line 8, Column 33*: **required attribute "ALT" not specified**

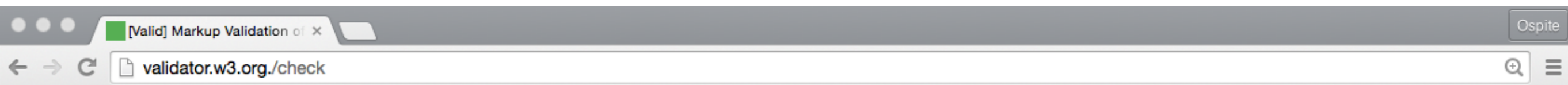`<img src="images/drinks.gif">`

The attribute given above is required for an element that you've used, but you have omitted it. For instance, in most HTML and XHTML document types the "type" attribute is required on the "script" element and the "alt" attribute is required for the "img" element.

Typical values for `type` are `type="text/css"` for `<style>` and `type="text/javascript"` for `<script>`.

correggiamo

```
 1  <!DOCTYPE html>
 2  <html>
 3    <head>
 4      <title>Head First Lounge</title>
 5      <meta charset="utf-8"/>
 6    </head>
 7    <body>
 8      <h1>Welcome to the New and Improved Head First Lounge</h1>
 9      <img src="images/drinks.gif" alt="Drinks">
10      <p>
11        Join us any evening for refreshing
12        <a href="beverages/elixir.html">elixirs</a>,
13        conversation and maybe a game or two of
14        <em>Dance Dance Revolution</em>.
15        Wireless access is always provided;
16        BYOWS (Bring Your Own Web Server).
17      </p>
18      <h2>Directions</h2>
19      <p>
20        You'll find us right in the center
21        of downtown Webville.  If you need help finding
22        us, check out our
23        <a href="about/directions.html">detailed directions</a>.
24        Come join us!
25      </p>
26    </body>
27  </html>
28
```

ora proviamo a validarlo di nuovo

[Valid] Markup Validation of ×   Ospite

← → C | validator.w3.org./check

Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents

Jump To: Notes and Potential Issues   Congratulations · Icons

This document was successfully checked as HTML5!

Result:	Passed, **2 warning(s)**

Source :	```<!DOCTYPE html>```
	```<html>```
	  ```<head>```
	    ```<title>Head First Lounge</title>```
	    ```<meta charset="utf-8"/>```
	  ```</head>```
	  ```<body>```
	    ```<h1>Welcome to the New and Improved Head First Lounge</h1>```
	    ```<img src="images/drinks.gif" alt="Drinks">```
	    ```<p>```
	      Join us any evening for refreshing
	      ```elixirs,```

Encoding :	utf-8 (detect automatically)
Doctype :	HTML5 (detect automatically)
Root Element:	html

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```
<html>
<head>
    <meta charset="utf-9">
</head>
<body>
    <img src="chamberofcommerce.gif">
    <h1>Tips for Enjoying Your Visit in Webville
    <p>
        Here are a few tips to help you better enjoy your stay in Webville.
    </p>
    <ul>
        <li>Always dress in layers and keep an html around your
            head and body.</li>
        <li>Get plenty of rest while you're here, sleep helps all
            those rules sink in.</li>
        <li>Don't miss the work of our local artists right downtown
            in the CSS gallery.
    </ul>
    </p>
    <p>
        Having problems? You can always find answers at
        <a href="http://wickedlysmart.com"><em>WickedlySmart</em></a>.
        Still got problems? Relax, Webville's a friendly place, just ask someone
        for help. And, as a local used to say:
    </p>
    <em><p>
        Don't worry. As long as you hit that wire with the connecting hook
        at precisely 88mph the instant the lightning strikes the tower…
        everything will be fine.
    </em></p>
</body>
</html>
```

soluzione

Missing doctype

```
<html>
<head>
    <meta charset="utf-9">
</head>
<body>
    <img src="chamberofcommerce.gif">
    <h1>Tips for Enjoying Your Visit in Webville
    <p>
        Here are a few tips to help you better enjoy your stay in Webville.
    </p>
    <ul>
        <li>Always dress in layers and keep an html around your
            head and body.</li>
        <li>Get plenty of rest while you're here, sleep helps all
            those rules sink in.</li>
        <li>Don't miss the work of our local artists right downtown
            in the CSS gallery.
    </ul>
    </p>
    <p>
        Having problems? You can always find answers at
        <a href="http://wickedlysmart.com"><em>WickedlySmart</em></a>.
        Still got problems? Relax, Webville's a friendly place, just ask someone
        for help. And, as a local used to say:
    </p>
    <em><p>
        Don't worry. As long as you hit that wire with the connecting hook
        at precisely 88mph the instant the lightning strikes the tower...
        everything will be fine.
    </em></p>
</body>
</html>
```

Should be "utf-8" instead of "utf-9" (which doesn't exist!)

<title> should be in the <head>.

No alt attribute

Missing </h1> tag. This will cause problems with the <p> element below.

Missing tag. This will still validate, but it's not recommended!

Extra </p> that doesn't match a <p>

<em> and <p> tags are switched.