HTML&CSS

design and build websites

CHAPTER 8

EXTRA MARKUP

THE EVOLUTION OF HTML

HTML 4
1997

Had some
presentational
elements

XHTML
2000

Written in XML

Presentational
elements removed

HTML5
Work In Progress

Can be used today

HTML5 DOCTYPE

```html
<!DOCTYPE html>

<!DOCTYPE html PUBLIC
"-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd" />

<!DOCTYPE html PUBLIC
"-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/xhtml/DTD/xhtml1-
transitional.dtd" />
```

XML DECLARATION

```
<?xml version="1.0" ?>
```

COMMENTS IN HTML

```html
<!-- start of introduction -->
<h1>Current Exhibition</h1>
<h2>Olafur Eliasson</h2>
<!-- end of introduction -->

<!--
  <a
href="mailto:info@example.org">Contact</a>
-->
```

ID ATTRIBUTE

```
<p>Water and air. So very commonplace are
these substances, they hardly attraction
attention and yet they vouchsafe our very
existence.</p>
<p id="pullquote">Every time I view the
sea I feel a sense of calming security, as
if visiting my ancestral home; I embark of
a voyage of seeing.</p>
<p>Mystery of mysteries, water and air are
right there before us in the sea.</p>
```

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Water and air. So very commonplace are these substances, they hardly attract attention - and yet they vouchsafe our very existence.

EVERY TIME I VIEW THE SEA I FEEL A CALMING SENSE OF SECURITY, AS IF VISITING MY ANCESTRAL HOME; I EMBARK ON A VOYAGE OF SEEING.

Mystery of mysteries, water and air are right there before us in the sea.

CLASS ATTRIBUTE

```html
<p class="important">For a one-year period
from November 2010, the Marugame
Genichiro-Inokuma Museum of Contemporary
Art (MIMOCA) will host...</p>
<p>Each will showcase works by the artist
thematically contextualised under the
headings...</p>
<p class="important admittance">Hours:
10:00 - 18:00 (No admittance after
17:30)</p>
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FOR A ONE-YEAR PERIOD FROM NOVEMBER 2010,
THE MARUGAME GENICHIRO-INOKUMA MUSEUM
OF CONTEMPORARY ART (MIMOCA) WILL HOST A
CYCLE OF FOUR HIROSHI SUGIMOTO EXHIBITIONS.

Each will showcase works by the artist thematically
contextualized under the headings "Science," "Architecture,"
"History" and "Religion" so as to present a comprehensive
panorama of the artist's oeuvre.

HOURS: 10:00 - 18:00 (NO ADMITTANCE AFTER 17:30)

BLOCK ELEMENTS

```html
<h1>Hiroshi Sugimoto</h1>
<p>The dates of the ORIGIN OF ART
   exhibition are as follows:</p>
<ul>
  <li>Science: 21 Nov - 20 Feb 2010</li>
  <li>Architecture: 6 Mar - 15 May
      2010</li>
  <li>History: 29 May - 21 Aug 2010</li>
  <li>Religion: 28 Aug - 6 Nov 2010</li>
</ul>
```

Hiroshi Sugimoto

The dates for the ORIGIN OF ART exhibition are as follows:

- Science: 21 Nov - 20 Feb 2010/11
- Architecture: 6 Mar - 15 May 2011
- History: 29 May - 21 Aug 2011
- Religion: 28 Aug - 6 Nov 2011

INLINE ELEMENTS

Timed to a single revolution of the planet around the sun at a 23.4 degrees tilt that plays out the rhythm of the seasons, this `<em>`Origins of Art`</em>` cycle is organized around four themes: `<b>`science, architecture, history`</b>` and `<b>`Religion`</b>`.

Timed to a single revolution of the planet around the sun at a 23.4 degrees tilt that plays out the rhythm of the seasons, this *Origins of Art* cycle is organized around four themes: **science, architecture, history** and **religion**.

GROUPING TEXT & ELEMENTS IN A BLOCK

```html
<div id="header">
 <img src="logo.gif" alt="Anish Kapoor" />
 <ul>
  <li><a href="index.html">Home</a></li>
  <li><a href="bio.html">Bio</a></li>
  <li><a href="works.html">Works</a></li>
  <li><a href="contact.html">Contact</a>
  </li>
 </ul>
</div><!-- #header -->
```

GROUPING TEXT & ELEMENTS IN A BLOCK

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 <img src="logo.gif" alt="Anish Kapoor" />
 <ul>
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 </ul>
</div><!-- #header -->
```

ANISH KAPOOR

- [Home](#)
- [Biography](#)
- [Works](#)
- [Contact](#)

GROUPING TEXT & ELEMENTS INLINE

```html
<p>Anish Kapoor won the Turner Prize in
   1991 and exhibited at the
   <span class="gallery">Tate Modern</span>
   gallery in London in 2003.</p>
```

GROUPING TEXT & ELEMENTS INLINE

```html
<p>Anish Kapoor won the Turner Prize in
   1991 and exhibited at the
   <span class="gallery">Tate Modern</span>
   gallery in London in 2003.</p>
```
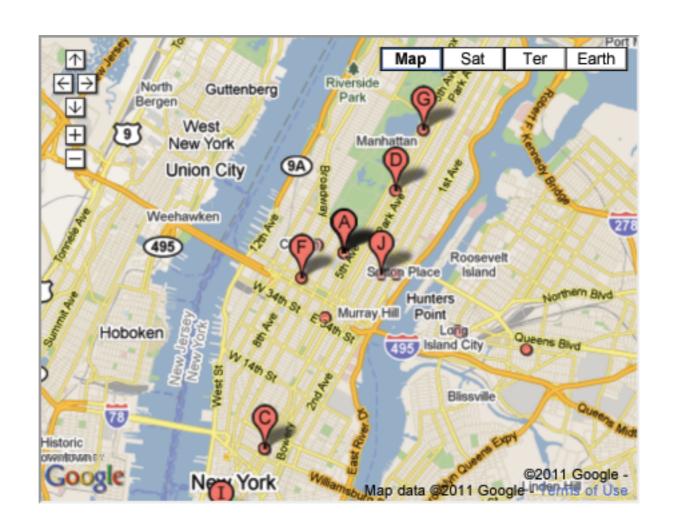
Anish Kapoor won the Turner Prize in 1991 and exhibited at the TATE MODERN gallery in London in 2003.

IFRAMES

```html
<iframe width="450" height="350"
  src="http://maps.google.co.uk/maps?
      q=moma+new+york&amp;output=embed"
  frameborder="0"
  scrolling="0">
</iframe>
```

INFORMATION ABOUT YOUR PAGES

```html
<head>
 <meta name="description"
 content="An essay on installation art" />

 <meta name="robots" content="nofollow" />

 <meta http-equiv="Author"
   content="Jon Duckett" />

 <meta http-equiv="pragma"
   content="no-cache" />
</head>
```

HTML

ESCAPE CHARACTERS

```html
<p>&copy; 2012</p>
<p>&#169; 2012</p>

<p>The &lt;html&gt; tag</p>
<p>The &#60;html&#62; tag</p>
```

© 2012

© 2012

The <html> tag

The <html> tag

SUMMARY

`DOCTYPES` tell browsers which version of HTML you are using.

SUMMARY

You can add comments to your code between the `<!--` and `-->` markers.

SUMMARY

The `id` and `class` attributes allow you to identify particular elements.

SUMMARY

The `<div>` and `<span>` elements allow you to group block-level elements and inline content together.

SUMMARY

`<iframes>` cut windows into your web pages through which other pages can be displayed.

SUMMARY

The `<meta>` tag allows you to supply all kinds of information about your web page.

SUMMARY

Escape characters are used to include special characters in your pages such as <, >, and ©.

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http://www.htmlandcssbook.com/code/chapter-08/example.html

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Westminster, London WC2, UK

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