



RWD

Class 3

Overview

Current Events in Web

Case Study Group 3

HTML Basics 1 Review

HTML Basics Part 2

Whiteboard Activity 2

Spot the Error

HTML Basics 2 Hands On



Current Events in Web

Amazon Echo and Voice



HTML Basics 1 Review



<A> Links

THE PAGE THE **LINK**
TAKES YOU TO

```
<a href="http://www.imdb.com">IMDB</a>
```

THE **TEXT** THE USER
CLICKS ON



Email Addresses

THE ACTUAL EMAIL
ADDRESS + MAILTO

```
<a href="mailto:challahan@ideabasekent.com">Email Chris</a>
```

THE TEXT THE USER
CLICKS ON

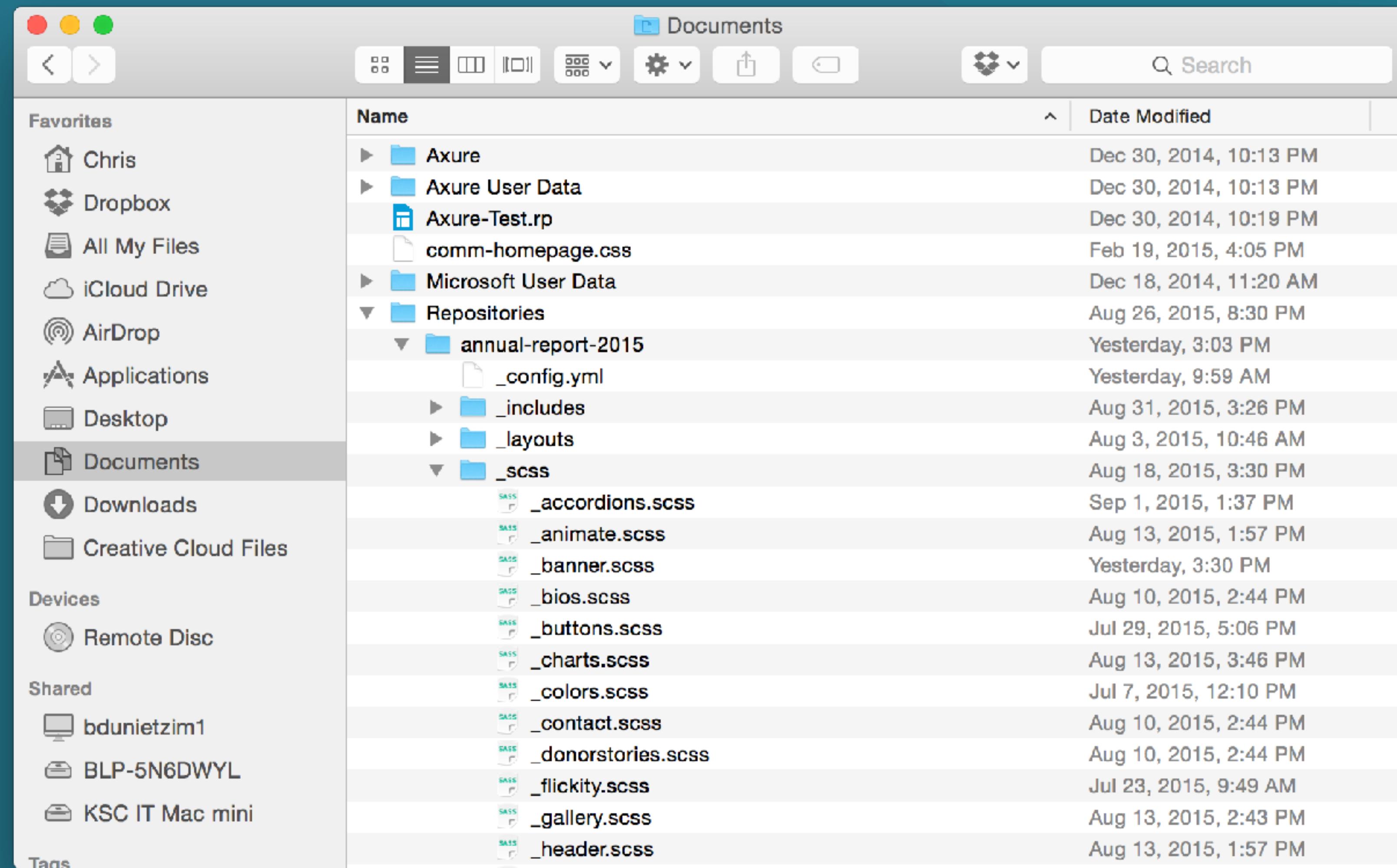


File Paths



Files and folders
(directories) are organized
in a tree hierarchy.





A screenshot of a Mac OS X Finder window titled "Documents". The sidebar on the left shows "Favorites" including Chris, Dropbox, All My Files, iCloud Drive, AirDrop, Applications, Desktop, and Documents (which is selected). It also shows "Devices" like Remote Disc and "Shared" folders like bdunietzim1, BLP-5N6DWYL, and KSC IT Mac mini. The main pane displays a file list with columns for "Name" and "Date Modified". The list includes several Axure-related files and a large number of SCSS files under a "Repositories" folder named "annual-report-2015".

Name	Date Modified
▶ Axure	Dec 30, 2014, 10:13 PM
▶ Axure User Data	Dec 30, 2014, 10:13 PM
Axure-Test.rp	Dec 30, 2014, 10:19 PM
comm-homepage.css	Feb 19, 2015, 4:05 PM
▶ Microsoft User Data	Dec 18, 2014, 11:20 AM
▼ Repositories	Aug 26, 2015, 8:30 PM
▼ annual-report-2015	Yesterday, 3:03 PM
_config.yml	Yesterday, 9:59 AM
▶ _includes	Aug 31, 2015, 3:26 PM
▶ _layouts	Aug 3, 2015, 10:46 AM
▼ _scss	Aug 18, 2015, 3:30 PM
_scss	Sep 1, 2015, 1:37 PM
_accordions.scss	Aug 13, 2015, 1:57 PM
_animate.scss	Yesterday, 3:30 PM
_banner.scss	Aug 10, 2015, 2:44 PM
_bios.scss	Jul 29, 2015, 5:06 PM
_buttons.scss	Aug 13, 2015, 3:46 PM
_charts.scss	Jul 7, 2015, 12:10 PM
_colors.scss	Aug 10, 2015, 2:44 PM
_contact.scss	Aug 10, 2015, 2:44 PM
_donorstories.scss	Jul 23, 2015, 9:49 AM
_flickity.scss	Aug 13, 2015, 2:43 PM
_gallery.scss	Aug 13, 2015, 1:57 PM
_header.scss	



What is the difference between absolute and relative file paths?



```
<a href="linkhere.html">Click Me</a>
```



```
<a href="http://www.kent.edu/about">Click Me</a>
```



How do you link to a file in a folder/directory above the current folder?



```
<a href="../linkhere.html">Click Me</a>
```



HTML: Images, Tables, Forms



Image Markup

```

```



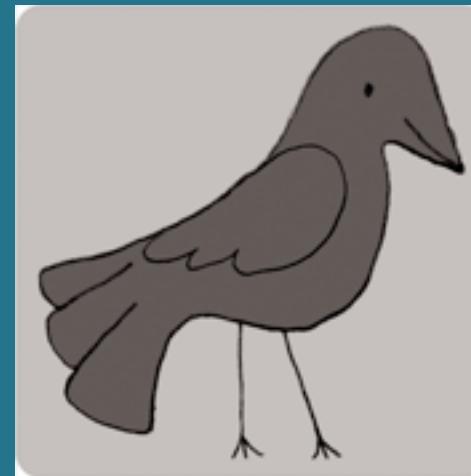
Image Markup

```

<p>There are around 10,000 living species
of birds that inhabit different ecosystems
from the Arctic to the Antarctic. Many
species undertake long distance annual
migrations, and many more perform shorter
irregular journeys.</p>
```



Image Markup



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

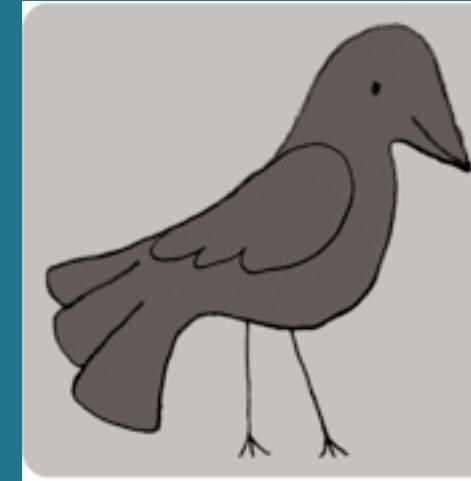


Image Markup

```
<p>There  
are  
around 10,000 living species of birds that inhabit  
different ecosystems from the Arctic to the  
Antarctic. Many species undertake long distance  
annual migrations, and many more perform shorter  
irregular journeys.</p>
```



Image Markup



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.



Images should be sized/
cropped according to the
size you want them to
display at on your page*



* Does not account for high density (retina) displays

You can't make an image larger than its original size.



Formats

JPEG (JPG)

GIF

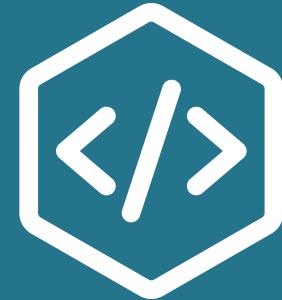
PNG

SVG



Formats

WebP



Images are most often the largest asset of any web page, and therefore affect performance the most.



Optimizing Images

Use Vectors for all Graphical Elements

Resize the Image Dimensions

Degrade the Quality (Save for Web)

Use Different Responsive Images (Later)

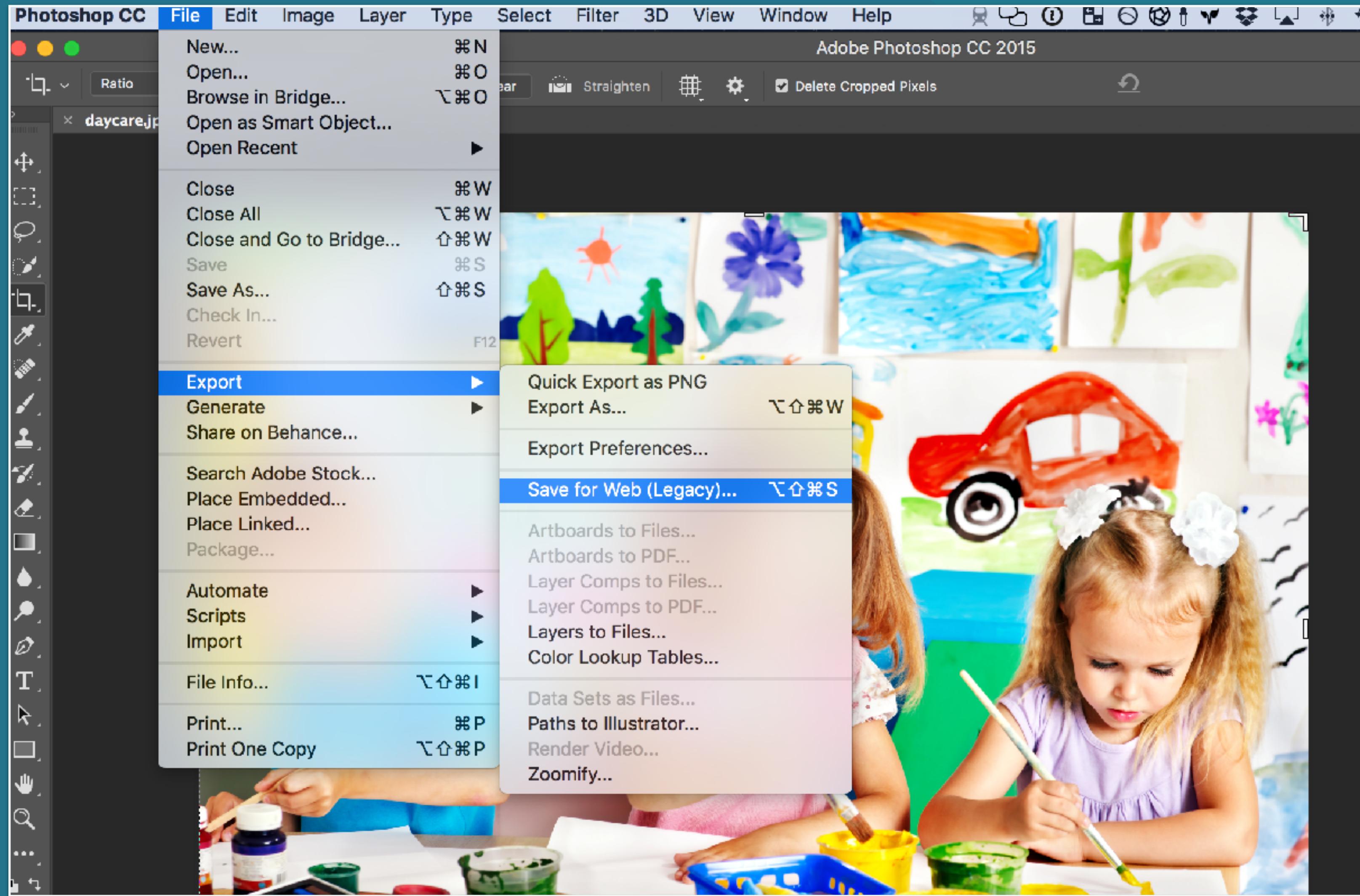
Caching/CDN (Later)

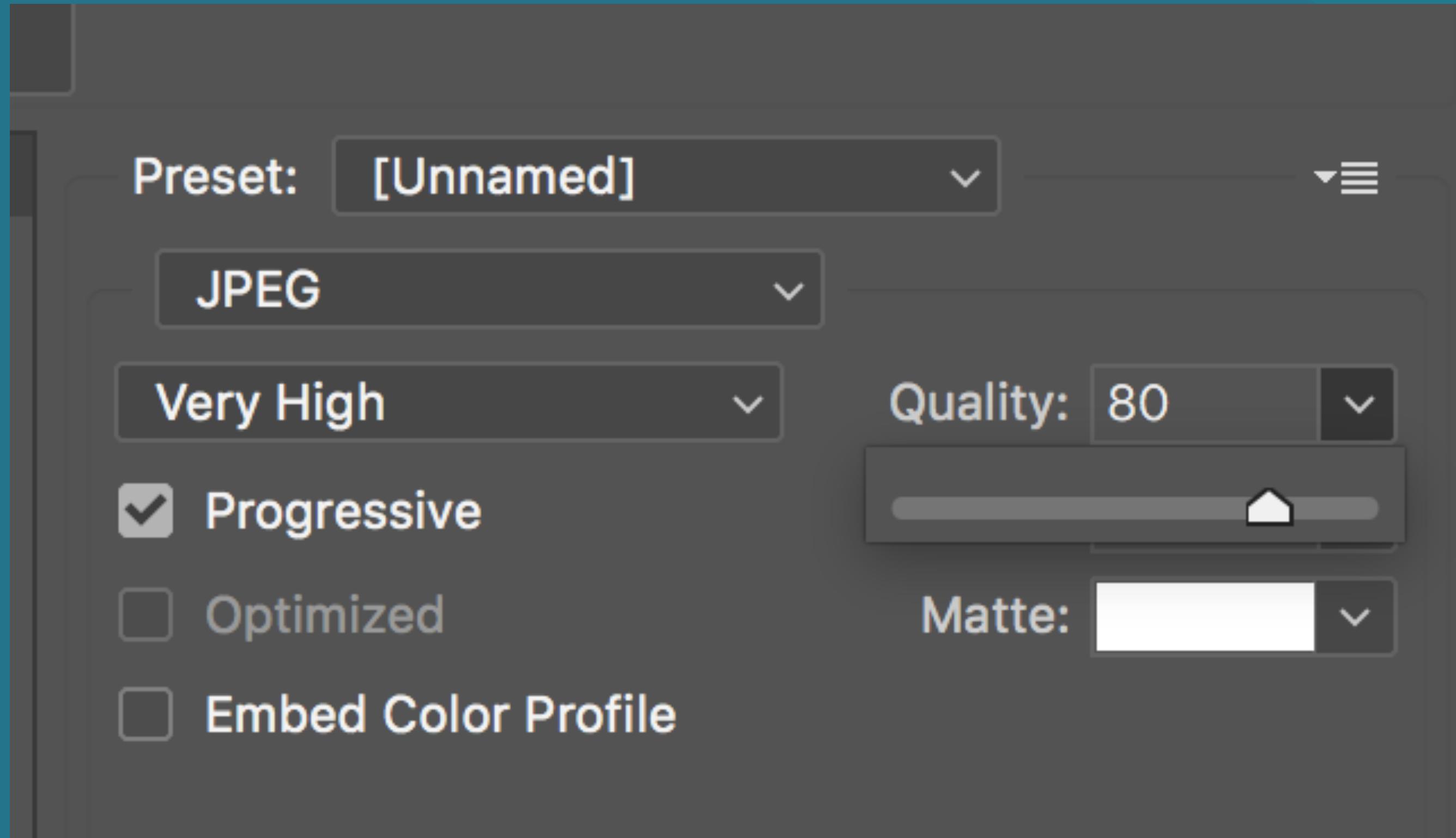


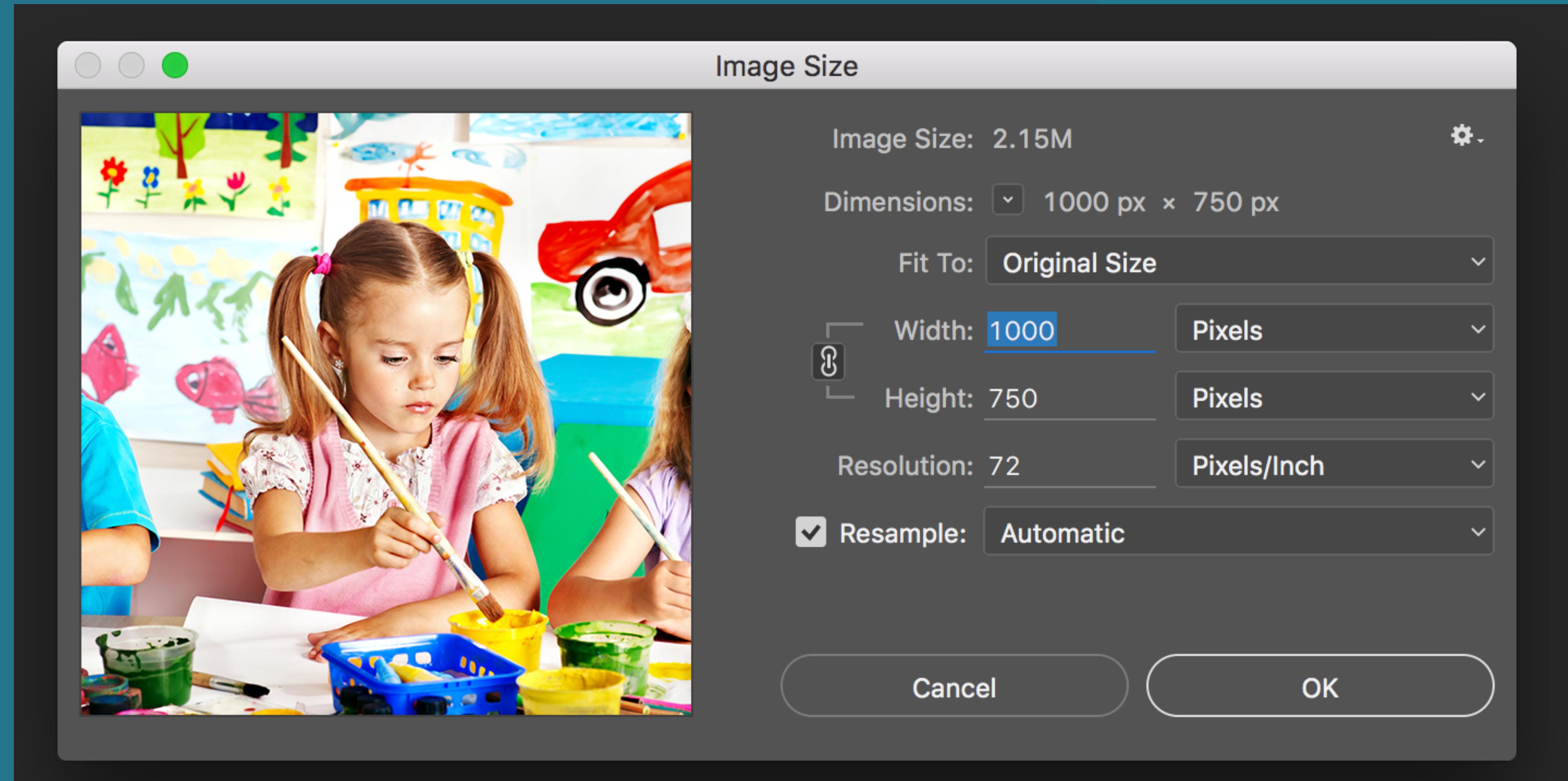
Optimizing Images

<http://codepen.io/challahan/professor/xERdXg/>









Figure

```
<figure>
  
  <figcaption>Sea otters hold hands when
    they sleep so that they don't
    drift away from each other.
  </figcaption>
</figure>
```



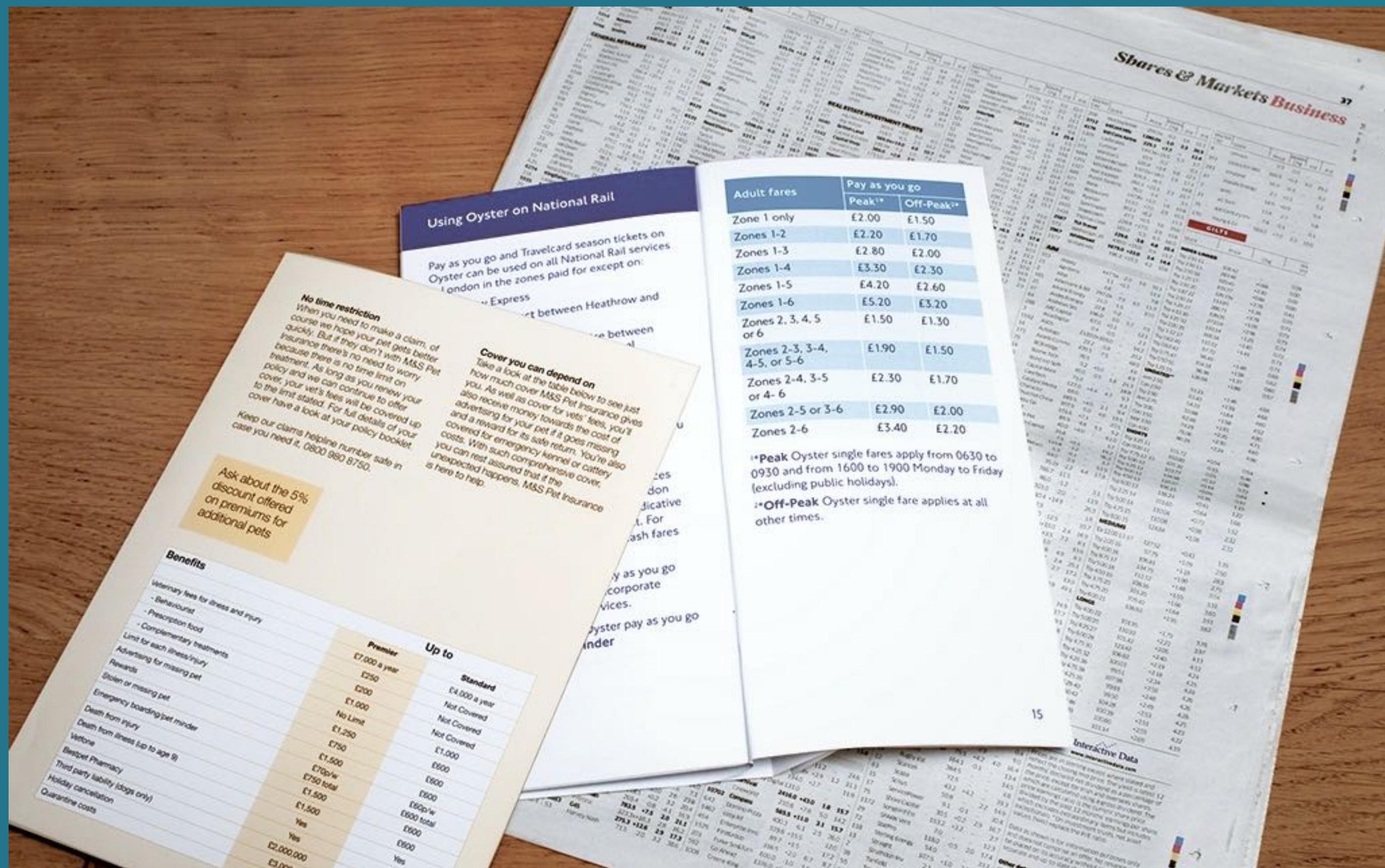
Figure



Sea otters hold hands when they sleep so they don't drift away from each other.



Tables



Tables

```
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>90</td>
  </tr>
</table>
```



Tables

```
<table>
  <tr>
    <th></th>
    <th scope="col">Saturday</th>
    <th scope="col">Sunday</th>
  </tr>
  <tr>
    <th scope="row">Tickets sold</th>
    <td>120</td>
    <td>135</td>
  </tr>
</table>
```



Tables

	Saturday	Sunday
Tickets sold:	120	135



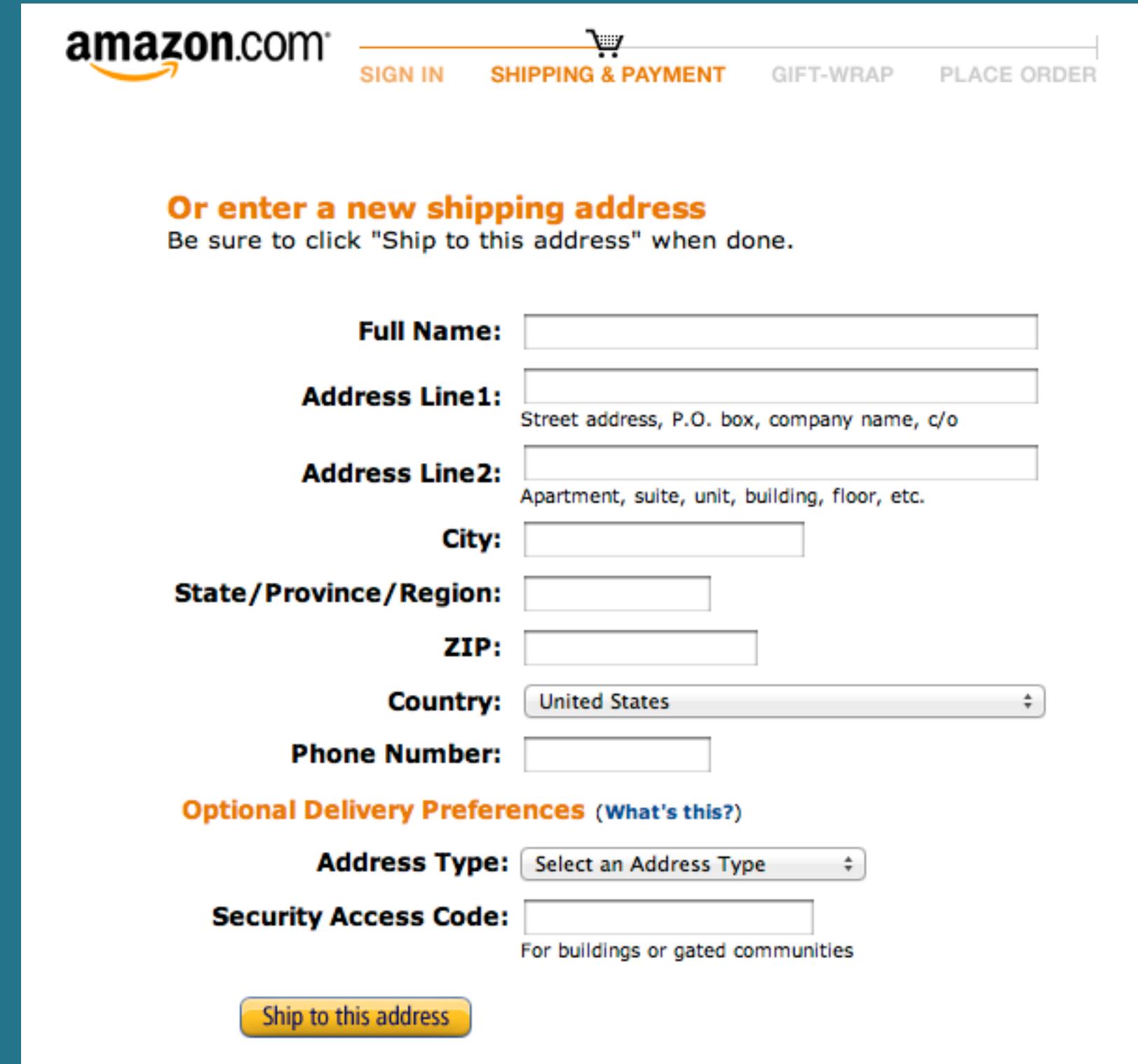
Tables are used for tabular data



Tables are *not* used
for page layout.



Forms



The image shows a screenshot of the Amazon.com website's shipping address entry page. The header includes the Amazon logo, navigation links for SIGN IN, SHIPPING & PAYMENT, GIFT-WRAP, and PLACE ORDER, and a shopping cart icon. A sub-header in orange text reads "Or enter a new shipping address" with a note below it: "Be sure to click 'Ship to this address' when done." The form contains the following fields:

- Full Name:** [Text input field]
- Address Line1:** [Text input field]
Street address, P.O. box, company name, c/o
- Address Line2:** [Text input field]
Apartment, suite, unit, building, floor, etc.
- City:** [Text input field]
- State/Province/Region:** [Text input field]
- ZIP:** [Text input field]
- Country:** [Dropdown menu] United States
- Phone Number:** [Text input field]
- Optional Delivery Preferences (What's this?)**
- Address Type:** [Dropdown menu] Select an Address Type
- Security Access Code:** [Text input field]
For buildings or gated communities

A yellow button at the bottom left of the form area is labeled "Ship to this address".



Forms

```
<form  
    action="http://example.com/join.php"  
    method="get">
```

This is where the form controls
will appear.

```
</form>
```



Forms

```
<form  
    action="http://example.com/join.php">  
  
    <input type="text" name="username"  
          size="15" maxlength="30" />  
  
</form>
```



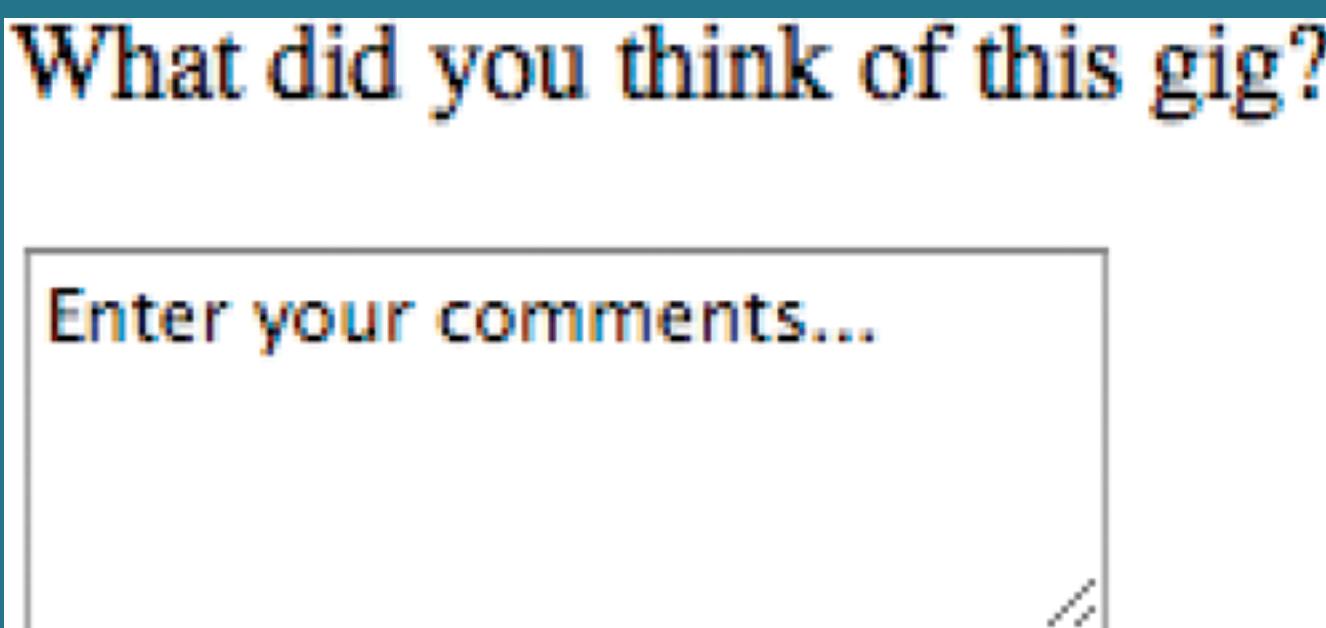
Forms

```
<p>What did you think of this gig?</p>
```

```
<textarea name="comments"
  cols="20" rows="4">
  Enter your comments...
<textarea/>
```

What did you think of this gig?

Enter your comments...

A screenshot of a web form. At the top, there is a question "What did you think of this gig?" in a dark blue font. Below it is a text area with a light gray background and a thin gray border. Inside the text area, the placeholder text "Enter your comments..." is displayed in a smaller, dark blue font.

Forms

```
<p>Please select your favorite genre:<br />

<input type="radio" name="genre"
       value="rock" checked="checked" /> Rock

<input type="radio" name="genre"
       value="pop" /> Pop

<input type="radio" name="genre"
       value="jazz" /> Jazz

</p>
```

Please select your favorite genre:
 Rock Pop Jazz



Forms

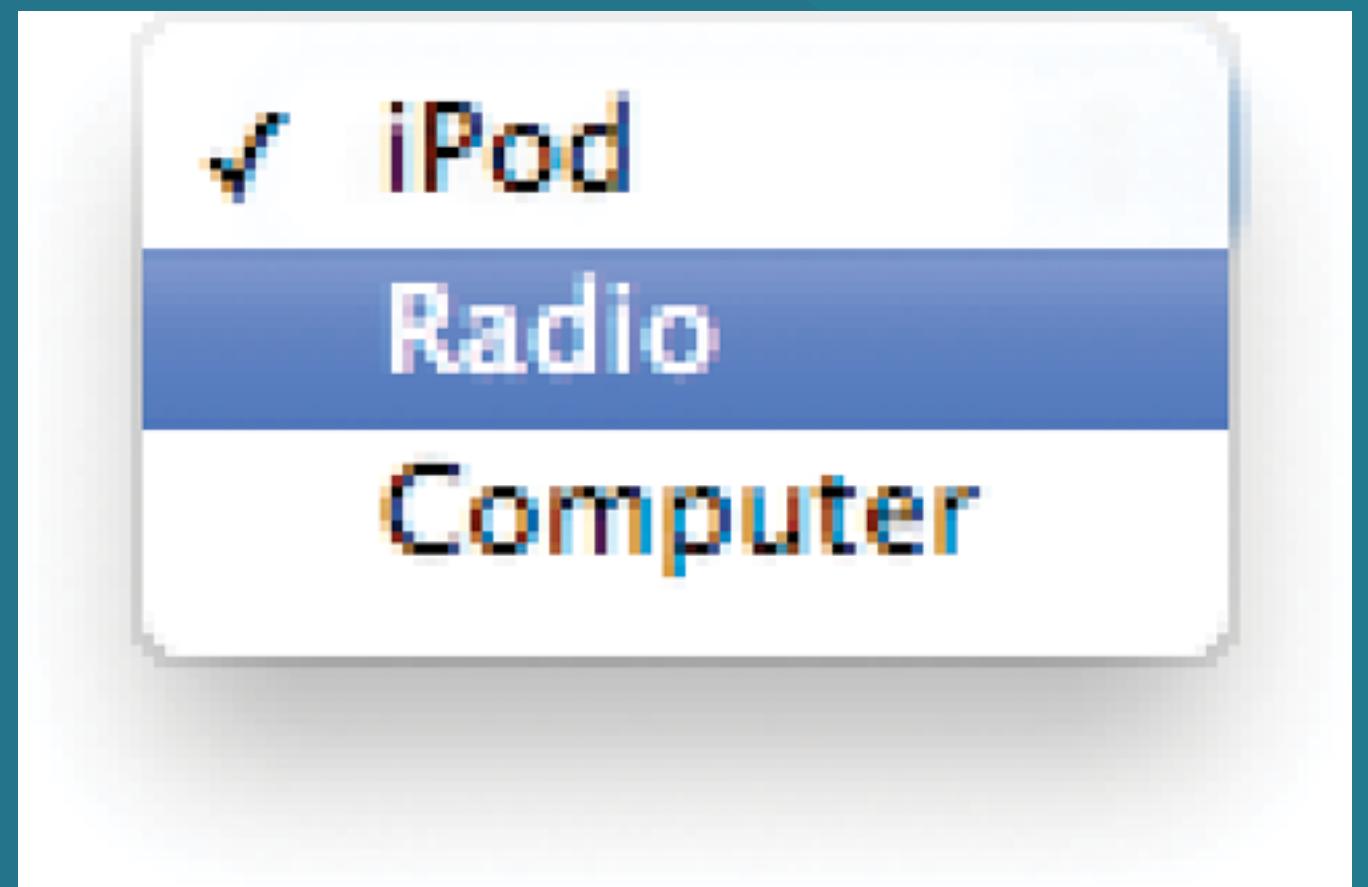
```
<p>Your favorite music service:<br />
<input type="checkbox" name="service"
value="iTunes"
checked="checked" /> iTunes
<input type="checkbox" name="service"
value="Last.fm" /> Last.fm
<input type="checkbox" name="service"
value="Spotify" /> Spotify
</p>
```

Your favorite music service:
 iTunes Last.fm Spotify



Forms

```
<select name="devices">  
  
    <option value="iPod"  
           selected="selected">iPod</option>  
  
    <option value="radio">Radio</option>  
  
    <option value="PC">Computer</option>  
  
</select>
```



Forms

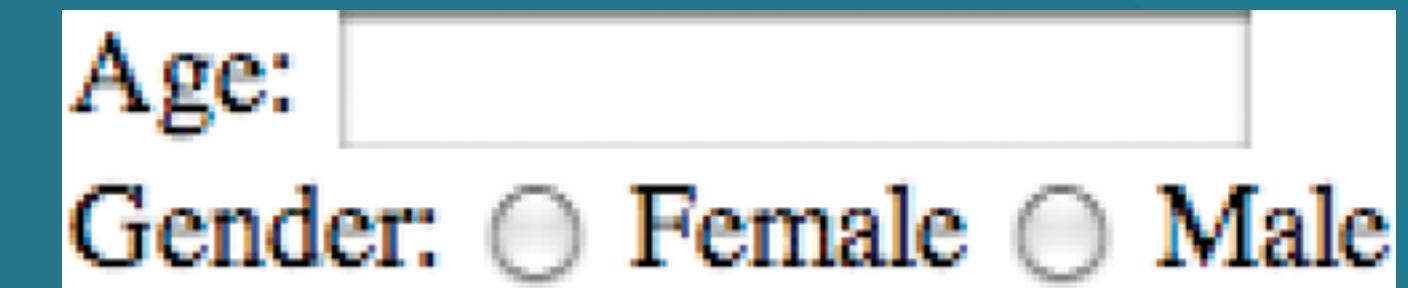
```
<form action="http://eg.com/email.php">  
  <p>Subscribe to our email list:</p>  
  
  <input type="text" name="email" />  
  
  <input type="submit"  
        value="Subscribe" />  
  
</form>
```

Subscribe to our email list:

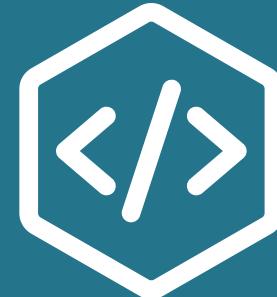


Forms

```
<form action="http://eg.com/email.php">
  <label>Age:</label>
  <input type="text" name="Age" />
  <label>Gender:</label>
  <input id="female" type="radio" name="gender" value="f" />
  <label for="female">Female</label>
  <input id="male" type="radio" name="gender" value="m" />
  <label for="male">Male</label>
</form>
```



The image shows a web page with a form. The form has a label "Age:" followed by a text input field. Below it is a label "Gender:" followed by two radio buttons. The first radio button is labeled "Female" and the second is labeled "Male". Both radio buttons are currently unselected.



Forms

```
<label for="date">Departure date:</label>
```

```
<input type="date" name="depart"  
id="date" />
```

```
<input type="submit" value="Submit" />
```



Departure date: 2011-06-27



Forms

```
<input type="email" name="email" />  
<input type="url" name="website" />
```

Please enter your email address:



ivy Submit

Please enter an email address.

Please enter your website address:



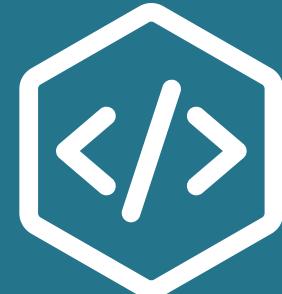
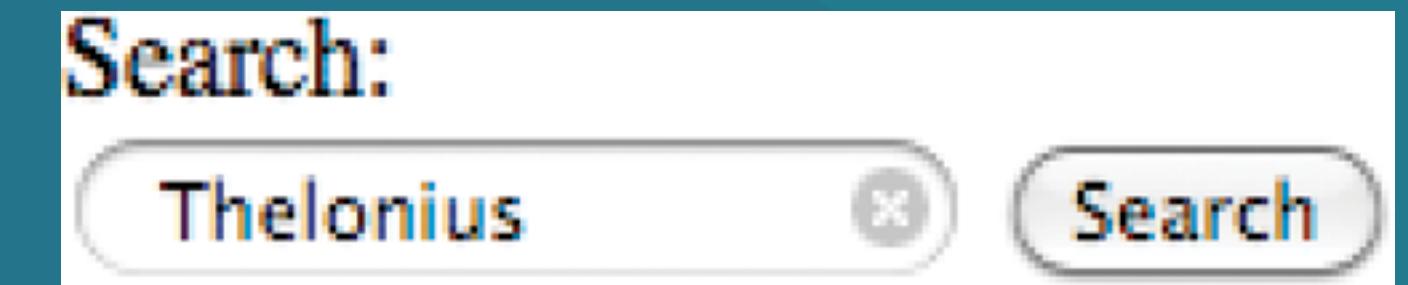
ivy Submit

Please enter a URL.



Forms

```
<input type="search" name="search"  
placeholder="Enter keyword" />  
  
<input type="submit" value="Search" />
```



Doctype Declaration

```
<!DOCTYPE html>

<html lang="en-us">

  <head>

    <meta charset="utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <title>Page Title Goes Here</title>

    <meta name="description" content="Page Description Goes Here">

  </head>
```



DIV and SPAN

```
<div class="alert">
    <p>This is the alert text</p>
    
</div>

<span class="alert">This is a single alert message.</span>
```



Comments

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



ID

<p>Water and air. So very commonplace are these substances, they hardly attraction attention and yet they vouchsafe our very existence.</p>

<p id="first-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>



Class

<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>



Iframe

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



Whiteboard Activity 2



Spot the Error: HTML 2

<http://codepen.io/challahan/pen/WRMMGM>



HTML Basics 2

<http://rwdkent.com/class/assignments/html2/>



HTML Basics Hands On



For Next Time

HTML&CSS - Ch. 10 Introducing CSS, Ch. 11 Color, Ch. 12 Text, Ch. 14
Lists Tables & Forms

HTML Basics 2 Due

Case Study Group 3

