

Website Design 1

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ARTS 214 – 02

Spring 2016

Thursday 2:00 pm – 5:50 pm

I-Building 213

Basic Structure and Elements

- Text
- Lists
- Links
- Images
- Tables
- Extra Markups

Read more on
MediaGuardian.co.uk

Digital economy or bust
Part 33: In which the team turn up
the volume with inside track on
The X Factor - and get a glimpse
of the future

Coming up this week
Monday: Shortlists for Student
Media Awards announced
Wednesday to Friday: Coverage of
the RTS Cambridge Convention

Interview Rio Caraeff

Vevo revolutionary

Universal's former mobile chief is leading the music industry's fight to shake up online video. He reveals his frustration with MTV, and says why no one need own music if his site succeeds. Interview by Mark Sweney

If Rio Caraeff succeeds, perhaps only diehard fans will need to own music. His online music video site, part-owned by the two largest record companies, also hopes to have the same impact as MTV and to be an answer to YouTube. Chuck those goals in with that of making the industry less dependent on the purchase of recordings, and for Caraeff there is clearly plenty to do.

Caraeff is the youthful chief executive of Vevo - launched in late 2009 with the backing of three of the four major groups, Sony Music, Universal Music and EMI - who is taking the venture international with a rollout starting in the UK and continental Europe. "Sex, music and sports are the only entertainment categories on the planet that people love that can build audiences at the scale of billions of people," he says. "I'm in the business of connecting billions of people to music," is his modestly stated aim.

With global CD sales plummeting by \$1.5bn last year, Caraeff's mission is clear. "We wouldn't have created Vevo if we didn't need it," he says. "The industry felt it was necessary. If MTV was doing a great job paying royalties, if YouTube [was], there would have been no need. We have invested tens of millions to be responsible for our own destiny. We can't sit back and say 'I hope Apple or whoever figures this out'."

Vevo's relationship with Google, the owner of the world's largest video-sharing platform YouTube, is clearly critical. Michael Grade called the company a "parasite" and Sir Martin Sorrell described it as a "frenemy". Despite the combative relationship the music industry has historically had with players in the digital space, Caraeff prefers to characterise Vevo's dealings with YouTube as "symbiotic" - although "declaration of independence" would be more appropriate.

"We said 'let's figure out how to work with them'," he explains. "There are no duplicate copies [of music videos] on YouTube, there were thousands before, the official versions are only available from us. They don't threaten us. YouTube is a place where people can upload any video in the world, we're not trying to compete." Caraeff points out that 50% of Vevo's traffic comes from YouTube search, and 30% comes from recommendations of videos that users might like to watch that appear on the side of the YouTube web pages when a user is viewing clips.

Free access

Vevo's business model is all about providing music videos that fans can access free, funded by advertising - or to put it another way - give consumers an alternative to owning songs. "I believe the future is not ownership, not iTunes as it

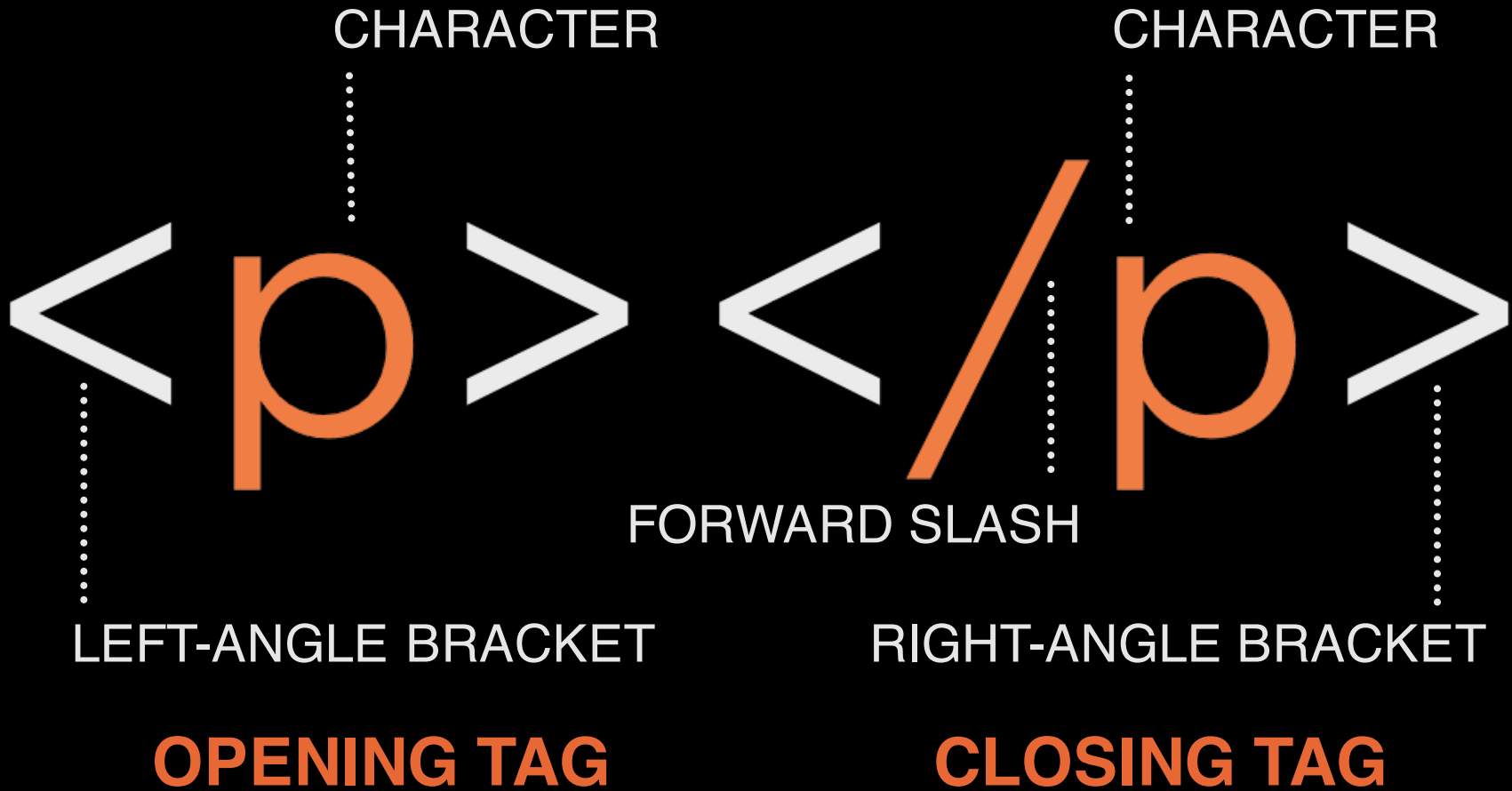


Video vexations ... Rio Caraeff says "if MTV was doing a

"We are about access: it is the only scalable model for the music industry; the question is, how do you do that and make money?"

if it were [audience TV content] and class want to revert low, I want music as s





```
<html>
  <head>
    <title>This is the Title of...</title>
  </head>
  <body>
    <h1>This is the Body of the Page</h1>
    <p>Anything within the body of a web
      page is displayed in the main
      browser window.</p>
  </body>
</html>
```

Text

HTML

```
<h1>This is a Main Heading</h1>  
<p>A paragraph <br/>consists of one  
or more sentences that form a self-  
contained <i>unit</i> of  
discourse. The start of a  
<b>paragraph</b> is indicated  
by a new line.</p>
```

Text

RESULT

This is a Main Heading

A paragraph consists of one or more sentences that form a self-contained *unit* of discourse. The start of a **paragraph** is indicated by a new line.

Lists

HTML

```
<ul>
  <li>Cat</li>
  <li>Dog</li>
    <ol>
      <li>Golden Retriever</li>
      <li>Labrador</li>
      <li>Daschund</li>
    </ol>
  <li>Rabbit</li>
</ul>
```


Lists

RESULT

- Cat
- Dog
 - 1. Golden Retriever
 - 2. Labrador
 - 3. Daschund
- Rabbit

Links

HTML

```
<a href="http://www.google.com"
target="_blank">Go to Google</a>
<a href="mailto:jon@example.org">
Email Jon</a>
```

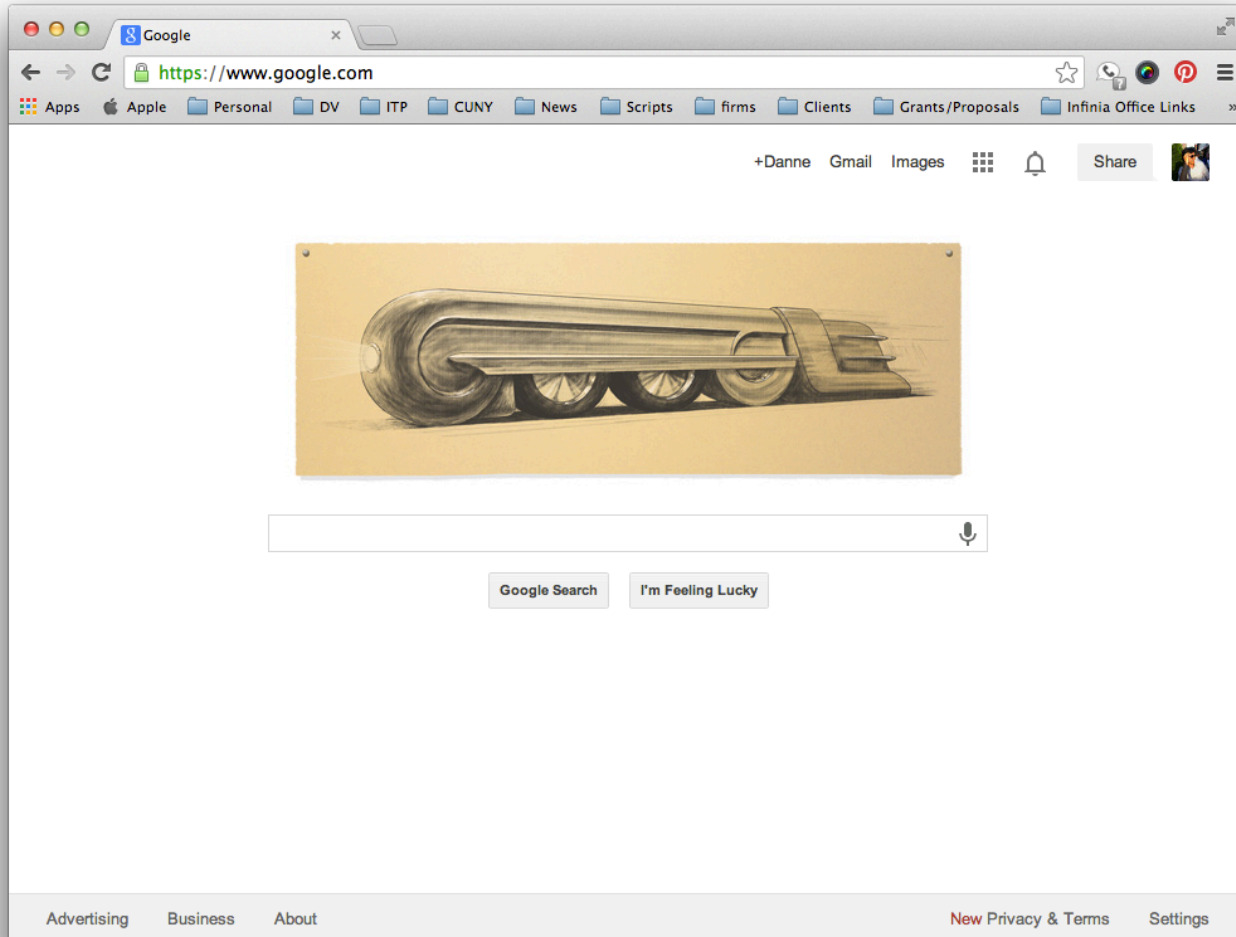
Links

RESULT

[Go to Google](#) [Email Jon](#)

Links

RESULT



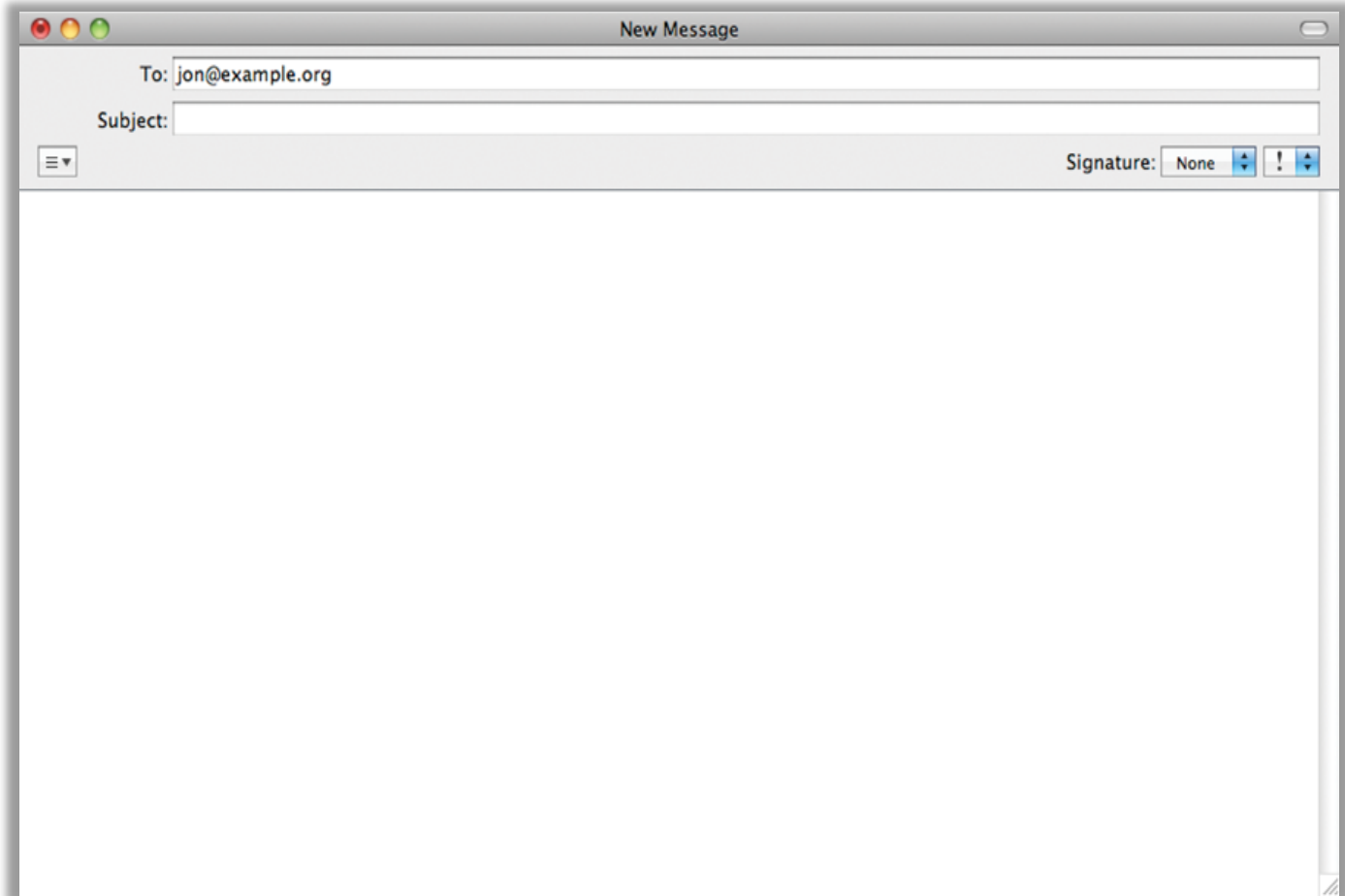
Links

RESULT

[Go to Google](#) [Email Jon](#)

Links

RESULT



Relative URLs

```

└─ examplearts
   └─ index.html
      └─ movies
         └─ cinema
            ├── index.html
            ├── listings.html
            └── reviews.html
            └─ dvd
               ├── index.html
               ├── listings.html
               └── reviews.html
            └─ music
               ├── index.html
               ├── listings.html
               └── reviews.html
            └─ theater
               ├── index.html
               ├── listings.html
               └── reviews.html

```

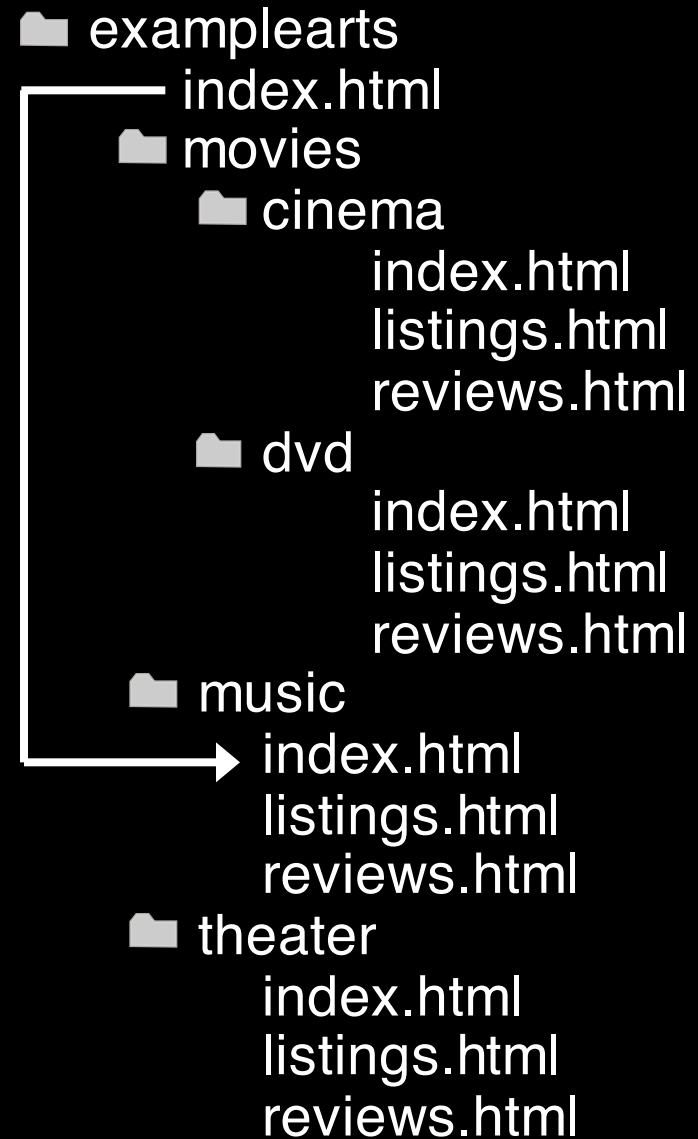
SAME



SAME
reviews.html

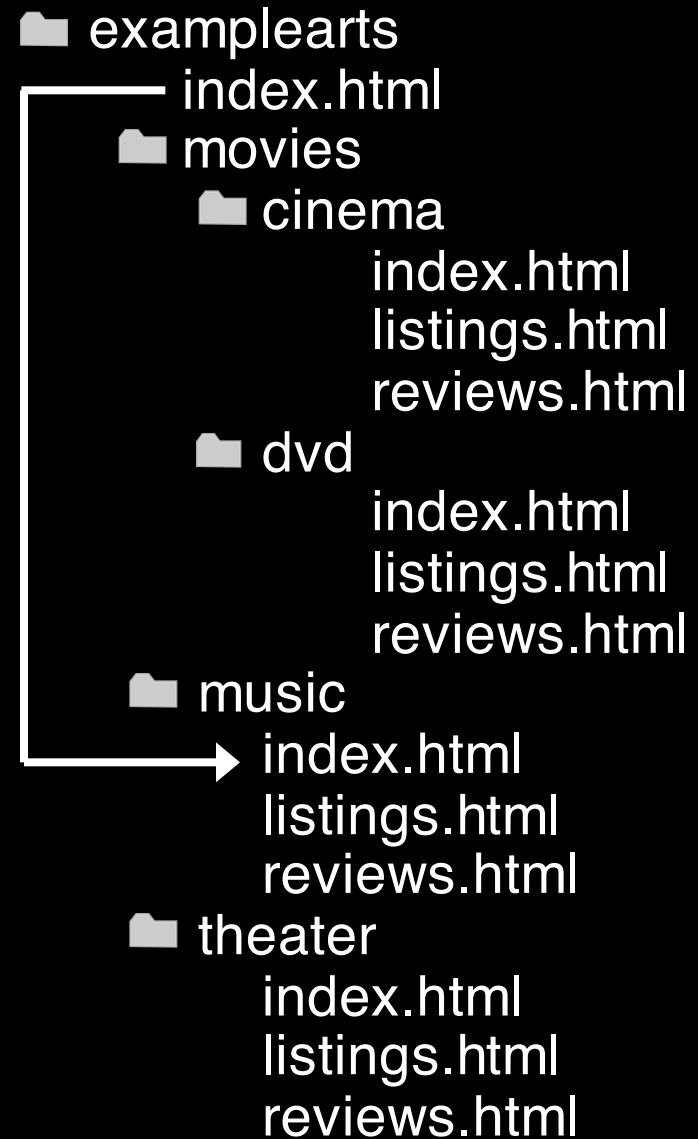


CHILD

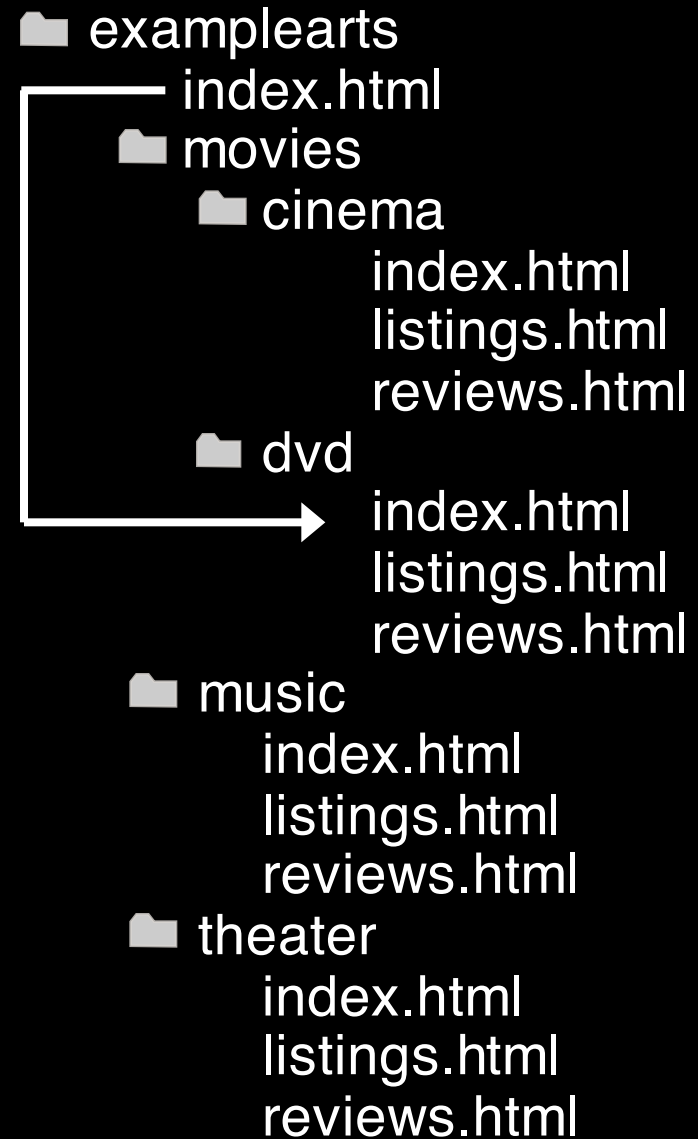


CHILD

`music/index.html`

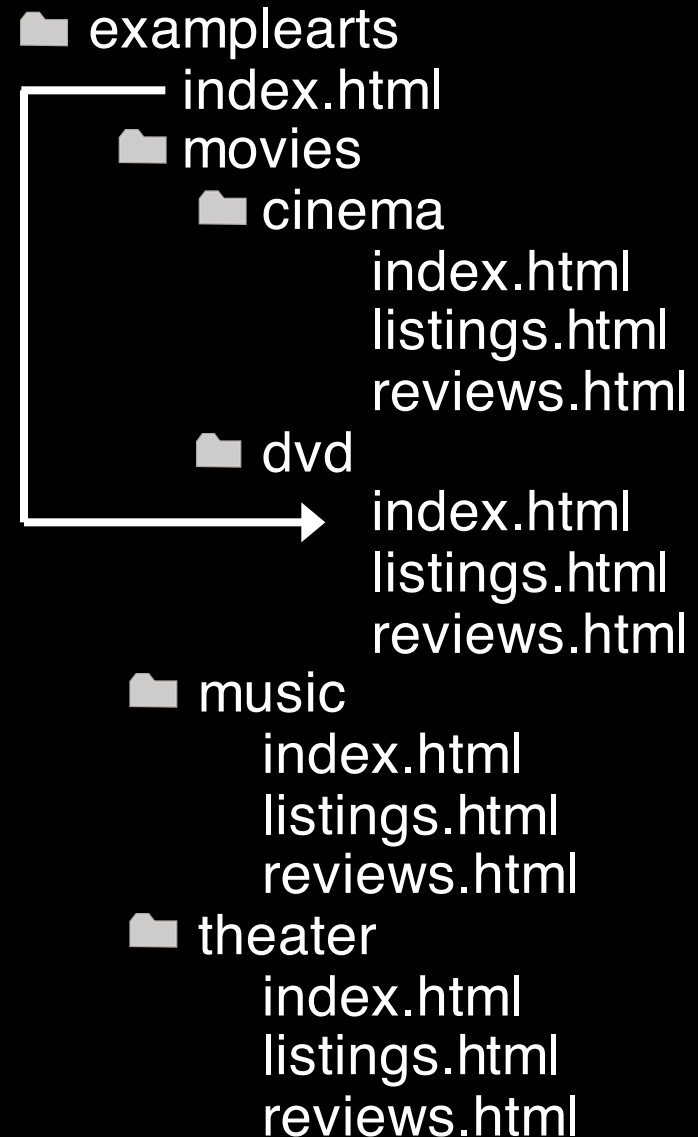


GRANDCHILD

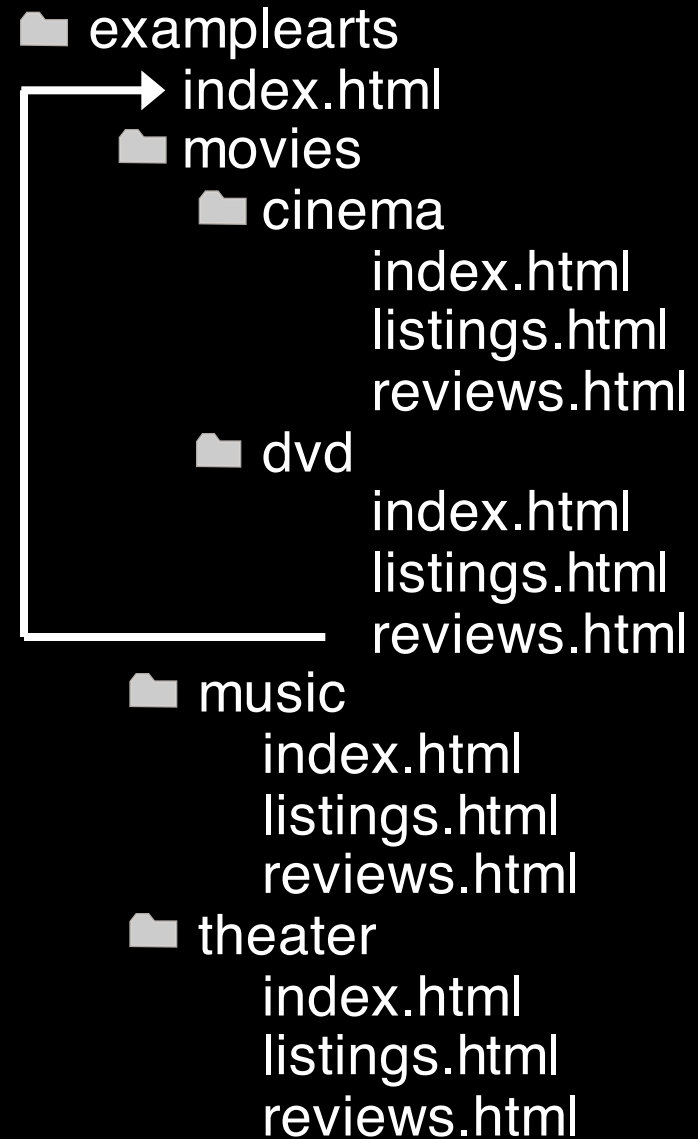


GRANDCHILD

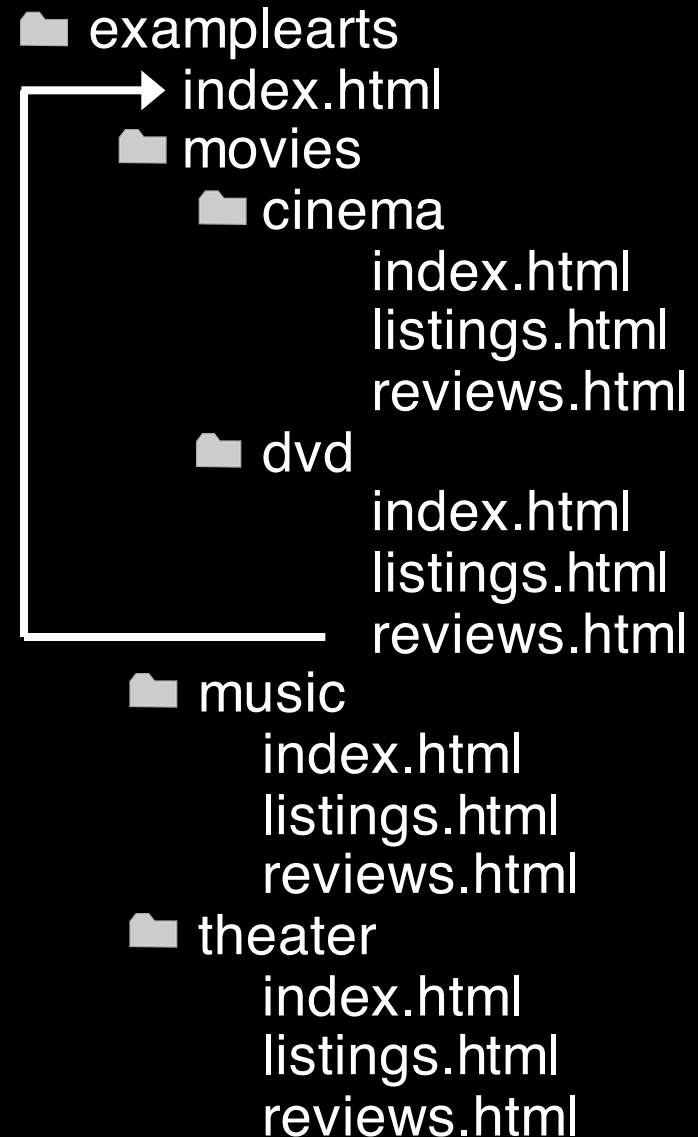
`movies/dvd/index.html`



GRANDPARENT



GRANDPARENT
../../index.html



Images

HTML

```
<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>

Images

RESULT



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.

Tables

```
<table>
  <tr>
    <th scope="col">Header 1</th>
    <th scope="col" colspan="2">
      Header 2</th>
  </tr>
  <tr>
    <td>20</td>
    <td>74</td>
    <td>80</td>
  </tr>
</table>
```

Tables

RESULT

Header 1	Header 2
20	74 80

Extra Markups

HTML

```
<!-- This is the header container -->
<div id="header">
  <h1 class="head">My Website</h1>
  <a href="index.html">Home</a>
  <a href="bio.html">Bio</a>
  <a href="works.html">Works</a>
  <a href="contact.html">Contact</a>
  <p>Welcome to my <span
    class="highlight">website</span></p>
</div>
```

Extra Markups

RESULT

MY WEBSITE

[Home](#) [Bio](#) [Works](#) [Contact](#)

Welcome to my **website**

Extra Markups

HTML

```
<iframe width="450" height="350"  
  src="http://maps.google.co.uk/maps?  
    q=moma+new+york&output=embed"  
  frameborder="0"  
  scrolling="no">  
</iframe>
```

Extra Markups

RESULT



What is CSS used for?

Presentation

Style

Layout

Understanding CSS: Thinking Inside the Box

The Cottage Garden

The *cottage garden* is a distinct style of garden that uses an informal design, dense planting and a mixture of ornamental and edible plants.

The Cottage Garden originated in England and its history can be traced back for centuries, although they were re-invented in 1870's England, when stylized versions were formed as a reaction to the more structured and rigorously maintained English estate gardens.

The earliest cottage gardens were more practical than their modern descendants, with an emphasis on vegetables and herbs, along with some fruit trees.

CSS Attaches Style Rules to HTML Elements

```
p {  
    font-family: Arial;  
}
```

CSS Attaches Style Rules to HTML Elements

SELECTOR



p

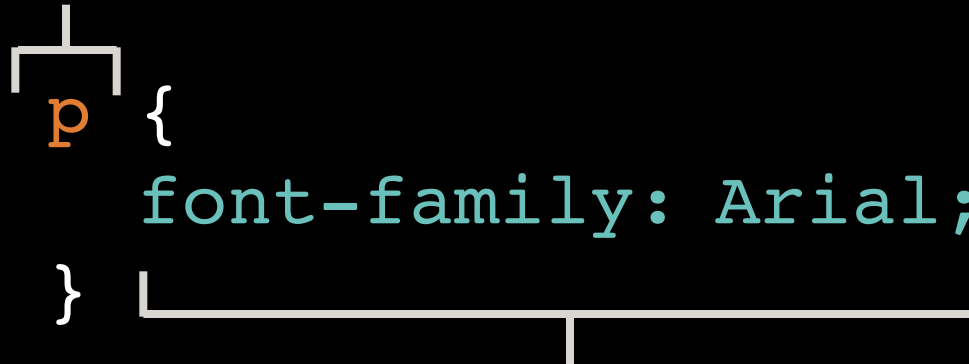
{

font-family: Arial;

}

CSS Attaches Style Rules to HTML Elements

SELECTOR



The diagram illustrates the structure of a CSS rule. A vertical line descends from the word 'SELECTOR' to a horizontal bracket. Below this bracket is the text 'p {'. To the right of the opening curly brace is the text 'font-family: Arial;'. Below this text is a closing curly brace '}'. A long horizontal line extends from the closing brace to the right, and a vertical line descends from its center to the word 'DECLARATION'.

```
p {  
    font-family: Arial;  
}
```


DECLARATION

CSS Attaches Style Rules to HTML Elements

```
h1, h2, h3 {  
    font-family: Arial;  
    color: yellow;  
}
```

CSS Attaches Style Rules to HTML Elements

```
h1, h2, h3 {  
    font-family: Arial;  
    color: yellow;  
}
```



PROPERTY

CSS Attaches Style Rules to HTML Elements

```
h1, h2, h3 {  
    font-family: Arial;  
    color: yellow;  
}
```

PROPERTY VALUE

Introducing CSS to HTML Elements

HTML

```
<h1>From Garden to Plate</h1>
```

```
<p>A <i>potager</i> is a French term for  
an ornamental vegetable or kitchen  
garden...</p>
```

```
<h2>What to Plant</h2>
```

```
<p>Plants are chosen as much for their  
functionality as for their color and  
form...</p>
```


Introducing CSS to HTML Elements

RESULT

From Garden to Plate

A *potager* is a French term for an ornamental vegetable or kitchen garden. Often flowers (edible and non-edible) and herbs are planted with the vegetables to enhance the garden's beauty. The goal is to make the function of providing food aesthetically pleasing.

What to Plant

Plants are chosen as much for their functionality as for their color and form. Many are trained to grow upward. A well-designed potager can provide food, cut flowers and herbs for the home with very little maintenance. Potagers can disguise their function of providing for a home in a wide array of forms - from the carefree style of the cottage garden to the formality of a knot garden.

Introducing CSS to HTML Elements

CSS

```
body {  
  font-family: Arial, Verdana, sans-serif;  
}
```

```
h1, h2 {  
  color: #ee3e80;  
}
```

```
p {  
  color: #665544;  
}
```

Introducing CSS to HTML Elements

RESULT

From Garden to Plate

A *potager* is a French term for an ornamental vegetable or kitchen garden. Often flowers (edible and non-edible) and herbs are planted with the vegetables to enhance the garden's beauty. The goal is to make the function of providing food aesthetically pleasing.

What to Plant

Plants are chosen as much for their functionality as for their color and form. Many are trained to grow upward. A well-designed potager can provide food, cut flowers and herbs for the home with very little maintenance. Potagers can disguise their function of providing for a home in a wide array of forms - from the carefree style of the cottage garden to the formality of a knot garden.

Three Ways to Use CSS

- Inline CSS
- Internal CSS
- External CSS

Inline CSS

HTML & CSS

```
<html>
  <head>
    <title>Using Inline CSS</title>
  </head>
  <body style="font-family:arial;
background-color:rgb(185,179,175);">
    <h1>Potatoes</h1>
    <p style="color:rgb(255,255,255);">
      There are dozens of...</p>
    <p>No inline CSS here</p>
  </body>
</html>
```

Inline CSS

RESULT

Potatoes

There are dozens of...

No inline CSS here

Internal CSS

```
<html>
  <head>
    <title>Using Internal CSS</title>
    <style type="text/css">
      body { font-family: arial;
        background-color: rgb(185,179,175); }
      p { color: rgb(255,255,255); }
    </style>
  </head>
  <body>
    <h1>Potatoes</h1>
    <p>There are dozens of...</p>
    <p>No inline CSS here</p>
  </body>
</html>
```

Internal CSS

RESULT

Potatoes

There are dozens of...

No inline CSS here

External CSS

HTML

```
<html>
  <head>
    <title>Using External CSS</title>
    <link href="css/styles.css"
      type="text/css" rel="stylesheet">
  </head>
  <body>
    <h1>Potatoes</h1>
    <p>There are dozens of...</p>
    <p>No inline CSS here</p>
  </body>
</html>
```

External CSS

CSS

```
body {  
    font-family: arial;  
    background-color: rgb(185,179,175);  
}  
  
p {  
    color: rgb(255,255,255);  
}
```

External CSS

RESULT

Potatoes

There are dozens of...

No inline CSS here

CSS Selectors

Universal

```
* {}
```

Type

```
h1, h2, h3 {}
```

Class

```
.note {}  
p.note {}
```

ID

```
#introduction {}
```

CSS Selectors

Child	<code>li>a {}</code>
-------	-------------------------

Descendent	<code>p a {}</code>
------------	---------------------

Adjacent sibling	<code>h1+p {}</code>
------------------	----------------------

General sibling	<code>h1~p {}</code>
-----------------	----------------------

How CSS Rules Cascade

CSS

```
* {  
  font-family: Arial;  
  color: #333333;}  
  
h1 {font-family: "Courier New";}  
  
i {color: green;}  
i {color: red;}  
  
p b {color: blue !important;}  
p b {color: violet;}
```

How CSS Rules Cascade

RESULT

Potatoes

There are *dozens* of different **potato** varieties.

They are usually described as early, second early and maincrop potatoes.

Inheritance

CSS

```
body {  
    font-family: Arial, sans-serif;  
    color: #665544;  
    padding: 10px;}  
  
.page {  
    border: 1px solid #665544;  
    background-color: #efefef;  
    padding: inherit;}
```


Inheritance

RESULT

Potatoes

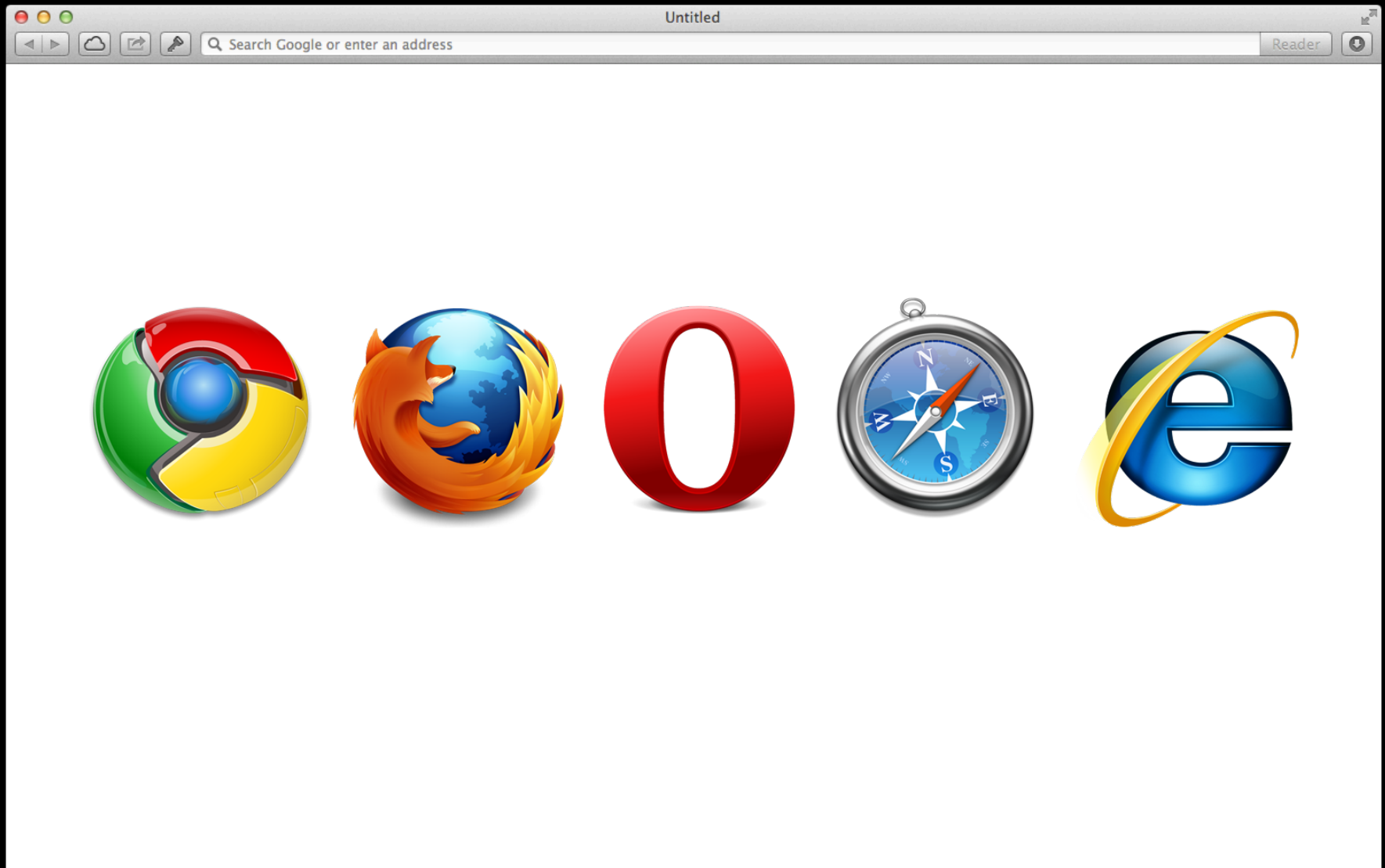
There are dozens of different potato varieties.

They are usually described as early, second early and maincrop potatoes.

Why Use External Style Sheets

- Same CSS file can be used for every page.
- No need to copy style code into each page.
- Changes to CSS automatically apply to the entire website.
- Fast download time for subsequent pages.

CSS: Introduction



CSS Styling

- Color
- Type
- Boxes
- Lists, Tables and Forms
- Layout
- Images

Foreground Color

CSS

```
h1 {  
  color: DarkCyan;  
}
```

```
h2 {  
  color: #ee4e80;  
}
```

```
p {  
  color: rgb(100, 100, 90);  
}
```

Foreground Color

RESULT

Marine Biology

The Composition of Seawater

Almost anything can be found in seawater. This includes dissolved materials from Earth's crust as well as materials released from organisms. The most important components of seawater that influence life forms are salinity, temperature, dissolved gases (mostly oxygen and carbon dioxide), nutrients, and pH. These elements vary in their composition as well as in their influence on marine life.

Background Color

CSS

```
body {  
    background-color:  rgb(200,200,200);}  
  
h1 {  
    background-color:  DarkCyan;}  
  
h2 {  
    background-color:  #ee3e80;}  
  
p {  
    background-color:  white;}
```

Background Color

RESULT

Marine Biology

The Composition of Seawater

Almost anything can be found in seawater. This includes dissolved materials from Earth's crust as well as materials released from organisms. The most important components of seawater that influence life forms are salinity, temperature, dissolved gases (mostly oxygen and carbon dioxide), nutrients, and pH. These elements vary in their composition as well as in their influence on marine life.

Opacity (CSS3)

CSS

```
p.one {  
    background-color:  rgb(0,0,0);  
    opacity:  0.5;  
    padding:  10px;  
}  
  
p.two {  
    background-color:  rgb(0,0,0);  
    background-color:  rgba(0,0,0,0.5);  
}
```

Opacity (CSS3)

RESULT



HSL and HSLA (CSS3)

CSS

```
body {  
    background-color: hsl(0,0.0%, 78%);  
}  
h1 {  
    background-color: hsl(0,100%,50%);  
}  
p {  
    background-color: hsla(200,100%,50%,0.5);  
}
```

HSL and HSLA (CSS3)

RESULT

Potatoes

There are dozens of...

No inline CSS here

Font Family

CSS

```
body {  
  font-family: Georgia, Times, serif;}  
  
h1, h2 {  
  font-family: Arial, Verdana, sans-serif;}  
  
.credits {  
  font-family: Courier, monospace;}
```

Font Family

RESULT

Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Font Size

CSS

```
body {  
  font-family: Arial, Verdana, sans-serif;  
  font-size: 12px;}  
  
h1 {  
  font-size: 200%;}  
  
.credits {  
  font-size: 1.3em;}
```

Font Size

RESULT

Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Type Scales

- Developed in the 16th Century.
- Pleasing to the eye.
- Reason its used in all software programs.

8_{pt}

9_{pt}

10_{pt}

11_{pt}

12_{pt}

14_{pt}

18_{pt}

24_{pt}

36_{pt}

48_{pt}

60_{pt}

72_{pt}

More Font Choices

CSS

```
@font-face {  
  font-family: 'ChunkFiveRegular';  
  src: url('fonts/chunkfive.ttf');}
```

```
h1, h2 {  
  font-family: ChunkFiveRegular, Georgia,  
    serif;}
```

More Font Choices

RESULT

Briards






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Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Font Face File Types

	OTF/TTF	SVG	WOFF	EOT
	IE9		IE9	IE5
	FF3.5	FF3.5	FF3.6	
	Chrome 4	Chrome 0.3	Chrome 5	
	Safari 3.1	Safari 3.1	Safari 5.1	
	Opera 10	Opera 9	Opera 11.01	
	iOS 4.2	iOS 1		
	2.2			

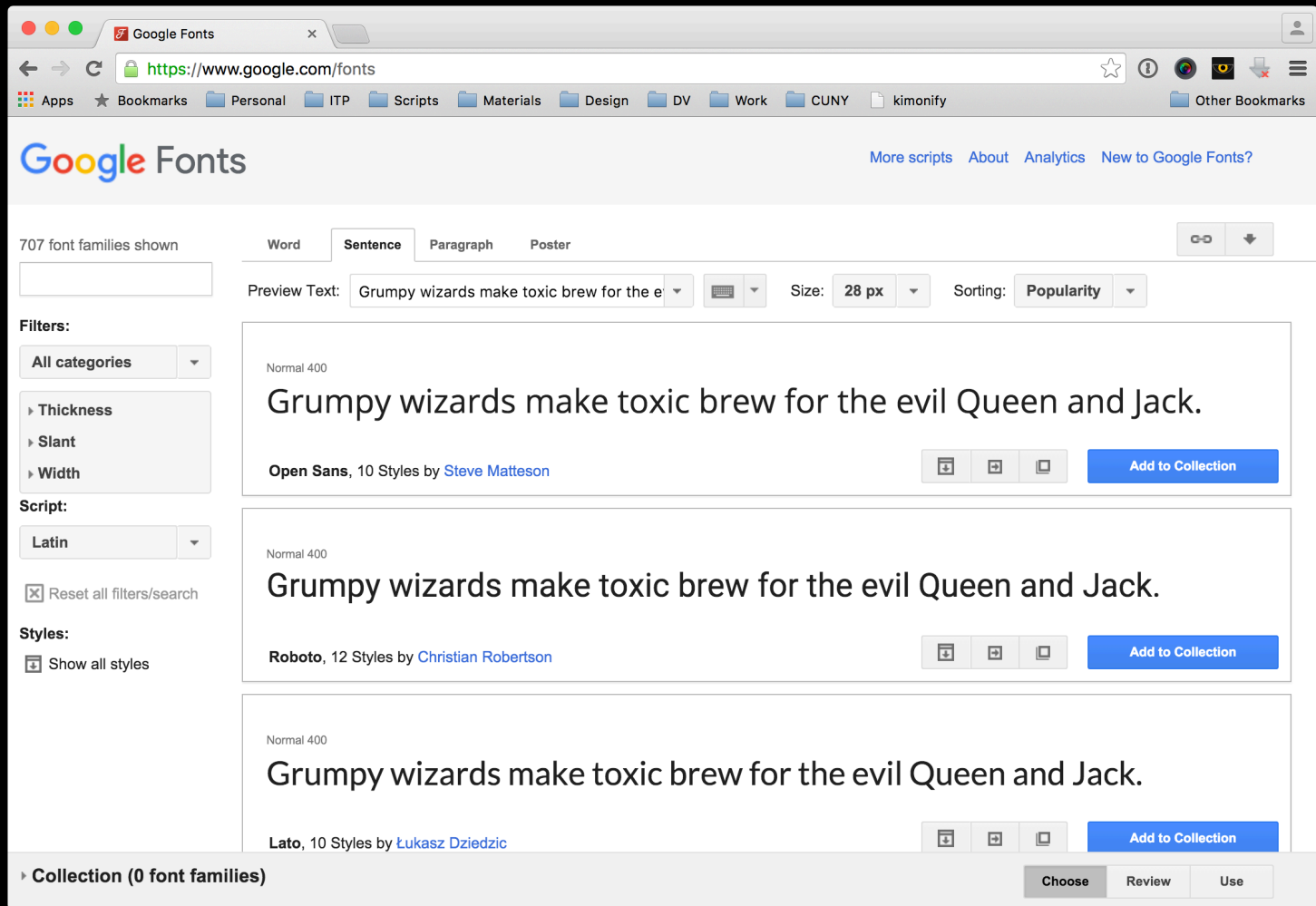
Font Face Fix

CSS

```
@font-face {  
  font-family: 'ChunkFiveRegular';  
  src: url('fonts/chunkfive.eot');  
  src: url('fonts/chunkfive.eot?#iefix')  
    format('embedded-opentype'),  
  url('fonts/chunkfive.woff')  
    format('woff'),  
  url('fonts/chunkfive.ttf')  
    format('truetype'),  
  url('fonts/  
    chunkfive.svg#ChunkFiveRegular')  
    format('svg');}
```

Google Fonts

CSS



Bold

CSS

```
.credits {  
  font-weight: bold;  
}
```

Briards

by Ivy Duckett

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Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned

Italic

CSS

```
.credits {  
  font-style: italic;  
}
```

Briards

by Ivy Duckett

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Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Underline or Strike

CSS

```
.credits {  
  text-decoration: underline;  
}  
  
a {  
  text-decoration: none;  
}
```

Underline or Strike

RESULT

Briards

by Ivy Duckett

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Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Leading

CSS

```
p {  
  line-height: 1.4em;  
}
```

Briards

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Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Letter or Word Spacing

CSS

```
h1, h2 {  
  text-transform: uppercase;  
  letter-spacing: 0.2em;  
}
```

```
.credits {  
  font-weight: bold;  
  word-spacing: 1em;  
}
```

Letter or Word Spacing

RESULT

BRIARDS

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

BREED HISTORY

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Vertical Alignment

CSS

```
#six-months {  
    vertical-align: text-top;  
}  
  
#one-year {  
    vertical-align: baseline;  
}  
  
#two-years {  
    vertical-align: text-bottom;  
}
```

Vertical Alignment

RESULT

Briard Life Stages



Six months



One year



Two years

Indenting Text

CSS

```
h1 {  
    background-image: url("images/logo.gif");  
    background-repeat: no-repeat;  
    text-indent: -9999px;  
}  
  
.credits {  
    text-indent: 20px;  
}
```

Indenting Text

RESULT



by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned

Text Drop Shadow (CSS3)

CSS

```
p.one {  
  background-color: #eeeeee;  
  color: #666666;  
  text-shadow: 1px 1px 0px #000000;}  
p.two {  
  background-color: #dddddd;  
  color: #666666;  
  text-shadow: 1px 1px 3px #666666;}  
p.three {  
  background-color: #cccccc;  
  color: #ffffff;  
  text-shadow: 2px 2px 7px #111111;}
```

Text Drop Shadow (CSS3)

RESULT

The briard is known as a heart wrapped in fur.

The briard is known as a heart wrapped in fur.

The briard is known as a heart wrapped in fur.

The briard is known as a heart wrapped in fur.

The briard is known as a heart wrapped in fur.

First Letter of Line

CSS

```
p.intro:first-letter {  
    font-size: 200%;  
}
```

```
p.intro:first-line {  
    font-weight: bold;  
}
```

First Letter of Line

RESULT

Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

Styling Links

CSS

```
a:link {  
    color: deeppink;  
    text-decoration: none;}  
a:visited {  
    color: black;}  
a:hover {  
    color: deeppink;  
    text-decoration: underline;}  
a:active {  
    color: darkcyan;}
```

Styling Links

RESULT

Dog Breeds: B

- Bedlington Terrier
- Belgian Shepherd
- Bergamasco
- Bichon Frise
- Bloodhound
- Bolognese
- [Border Collie](#)
-  Border Terrier
- Borzoi
- Bouvier des Flandres
- Briard

Box Dimensions

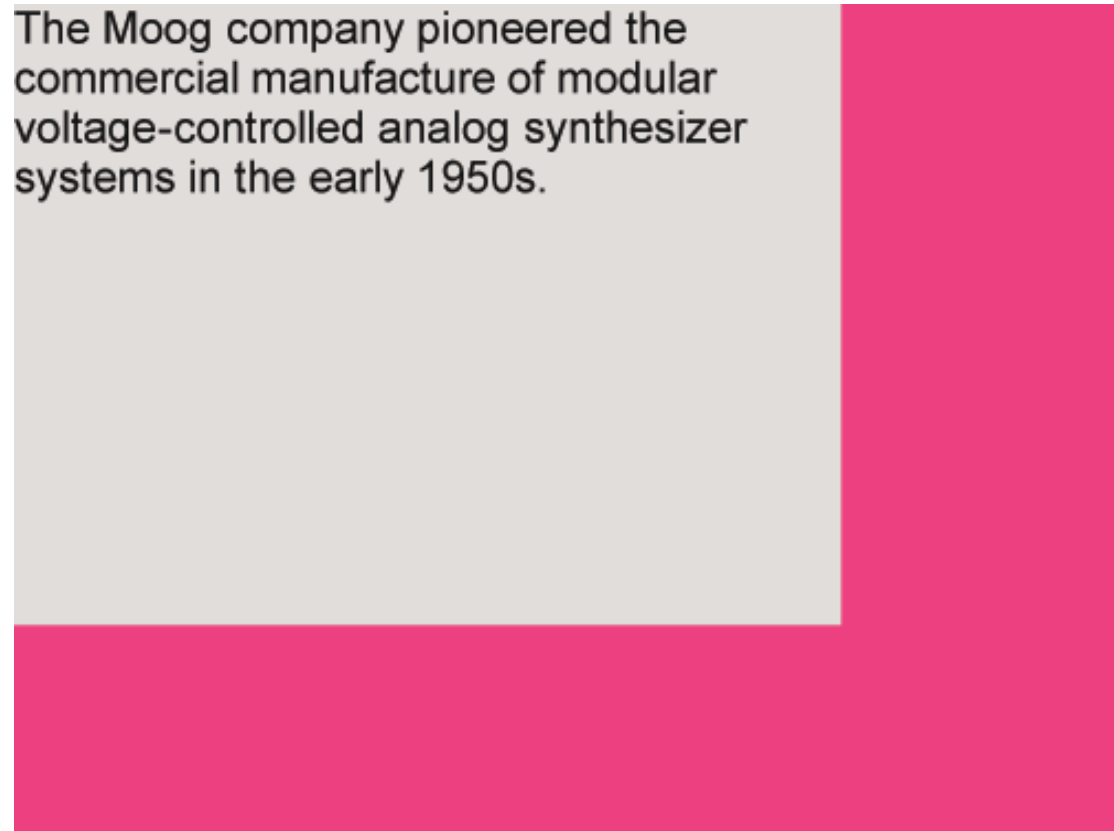
CSS

```
div {  
  height: 300px;  
  width: 400px;  
  background-color: #ee3e80;  
}
```

```
p {  
  height: 75%;  
  width: 75%;  
  background-color: #e1ddda;  
}
```

Box Dimensions

RESULT



The Moog company pioneered the commercial manufacture of modular voltage-controlled analog synthesizer systems in the early 1950s.




Limiting Width

CSS

```
td.description {  
  min-width: 450px;  
  max-width: 650px;  
  text-align: left;  
  padding: 5px;  
  margin: 0px;  
}
```

Limiting Width

RESULT

Photo	Description	Price
	The Rhodes piano is an electro-mechanical piano, invented by Harold Rhodes during the fifties and later manufactured in a number of models, first in collaboration with Fender and after 1965 by CBS. It employs a piano-like keyboard with hammers that hit small metal tines, amplified by electromagnetic pickups.	\$1400
	The Wurlitzer electric piano is an electro-mechanical piano, created by the Rudolph Wurlitzer Company of Mississippi. The Wurlitzer company itself never called the instrument an "electric piano", instead inventing the phrase "Electronic Piano" and using this as a trademark throughout the production of the instrument. It employs a piano-like keyboard with hammers that hit small metal tines, amplified by electromagnetic pickups.	\$1600
	A Clavinet is an electronically amplified clavichord manufactured by the Hohner company. Each key uses a rubber tip to perform a hammer on a string. Its distinctive bright staccato sound is often compared to that of an electric guitar. Various models were produced over the years, including the models I, II, L, C, D6, and E7.	\$1200

Limiting Height

CSS

```
h2, p {  
  width: 400px;  
  font-size: 90%;  
  line-height: 1.2em;}  
  
h2 {  
  color: #0088dd;  
  border-bottom: 1px solid #0088dd;}  
  
p {  
  min-height: 10px; max-height: 30px;}
```

Limiting Height

RESULT

Fender Mustang

The Fender Mustang was introduced in 1964 as the basis of a major redesign of Fender's student models then consisting of the Musicmaster and Duo-Sonic. It was originally popular in the sixties surf music and attained cult status in the 1990s largely as a result of its use by a number of alternative rock bands.

The Fender Stratocaster or "Strat" is one of the most popular electric guitars of all time, and its design has been copied by many guitar makers. It was designed by Leo Fender, George Fullerton and Freddie Tavares in 1954.

The Gibson Les Paul is a solid body electric guitar that was first sold in 1952. The Les Paul was designed by Ted McCarty in collaboration with popular guitarist Les Paul, whom Gibson enlisted to endorse the new model. It is one of the most well-known electric guitar types in the world.

Overflowing Content

CSS

```
p.one {  
    overflow: hidden;  
}
```

```
p.two {  
    overflow: scroll;  
}
```

Overflowing Content

RESULT

Fender Stratocaster

The Fender Stratocaster or "Strat" is one of the most popular electric guitars of all time, and its design has been copied by many guitar makers.

Gibson Les Paul

The Gibson Les Paul is a solid body electric guitar that was first sold in 1952. The Les Paul was designed by



Border, Margin and Padding



BORDER **MARGIN** **PADDING**

Border Width

CSS

```
p.one {  
  border-width: 2px;  
}
```

```
p.two {  
  border-width: thick;  
}
```

```
p.three {  
  border-width: 1px 4px 12px 4px;  
}
```

Border Width

RESULT

Hohner's "Clavinet" is
essentially an electric
clavichord.

Hohner's "Clavinet" is
essentially an electric
clavichord.

Hohner's "Clavinet" is
essentially an electric
clavichord.

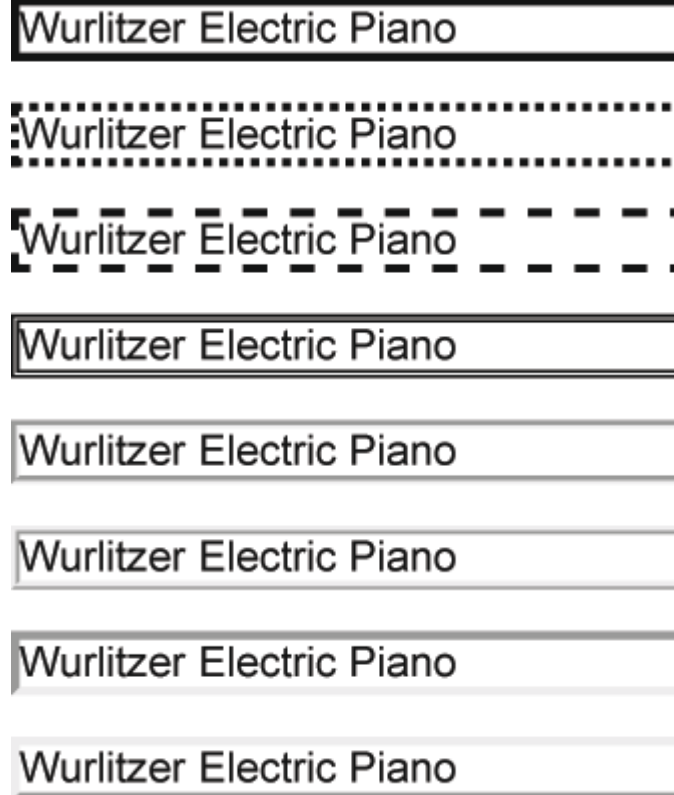
Border Style

CSS

```
p.one {border-style: solid;}
p.two {border-style: dotted;}
p.three {border-style: dashed;}
p.four {border-style: double;}
p.five {border-style: groove;}
p.six {border-style: ridge;}
p.seven {border-style: inset;}
p.eight {border-style: outset;}
```

Border Style

RESULT



Border Color

CSS

```
p.one {  
  border-color: #0088dd;  
}
```

```
p.two {  
  border-color: #bbbbbaa #111111 #ee3e80  
  #0088dd;  
}
```


Border Color

RESULT

The ARP Odyssey was
introduced in 1972.

The ARP Odyssey was
introduced in 1972.

Border Shorthand

CSS

```
p {  
  width: 250px;  
  border: 3px dotted #0088dd;  
}
```

Border Shorthand

RESULT

Here is a simple chord sequence
played on a Hammond organ
through a Leslie speaker.

Padding

CSS

```
p {  
  width: 275px;  
  border: 2px solid #0088dd;  
}
```

```
p.example {  
  padding: 10px;  
}
```

Padding

RESULT

Analog synths produce a wave sound, whereas the sounds stored on a digital synth have been sampled and then turned into numbers.

Analog synths produce a wave sound, whereas the sounds stored on a digital synth have been sampled and then turned into numbers.

Margin

CSS

```
p {  
  width: 200px;  
  border: 2px solid #0088dd;  
  padding: 10px;  
}  
  
p.example {  
  margin: 20px;  
}
```

Margin

RESULT

Analog synthesizers are often said to have a "warmer" sound than their digital counterparts.

Analog synthesizers are often said to have a "warmer" sound than their digital counterparts.

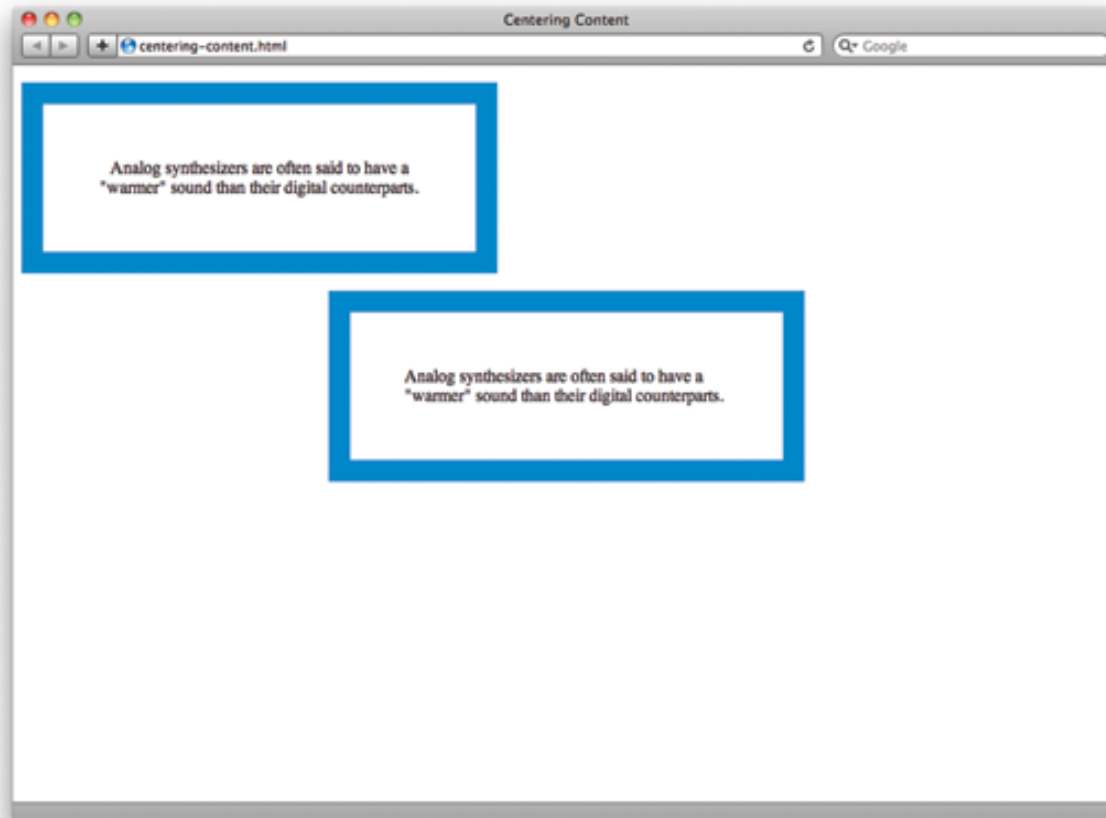
Centering Content

CSS

```
body {  
    text-align: center;  
}  
  
p {  
    width: 300px;  
    padding: 50px;  
    border: 20px solid #0088dd;  
}  
  
p.example {  
    margin: 10px auto 10px auto;  
    text-align: left;  
}
```


Centering Content

RESULT



Change Inline / Block

CSS

```
li {  
    display: inline;  
    margin-right: 10px;  
}
```

```
li.coming-soon {  
    display: none;  
}
```

Change Inline / Block

RESULT

Home Products About Contact

Hiding Boxes

CSS

```
li {  
    display: inline;  
    margin-right: 10px;  
}  
  
li.coming-soon {  
    visibility: hidden;  
}
```

Hiding Boxes

RESULT

Home Products

About Contact

Border Images (CSS3)

CSS

```
p.one {  
  -moz-border-image: url("dots.gif")  
    11 11 11 11 stretch;  
  -webkit-border-image: url("dots.gif")  
    11 11 11 11 stretch;  
  border-image: url("dots.gif")  
    11 11 11 11 stretch;}  
  
p.two {  
  border-image: url("images/dots.gif")  
    11 11 11 11 round;}
```

Border Images (CSS3)

RESULT



Box Shadows (CSS3)

CSS

```
p.one {  
  -moz-box-shadow: -5px -5px #777777;  
  -webkit-box-shadow: -5px -5px #777777;  
  box-shadow: -5px -5px #777777;}  
p.two {  
  box-shadow: 5px 5px 5px #777777;}  
p.three {  
  box-shadow: 5px 5px 5px 5px #777777;}  
p.four {  
  box-shadow: 0 0 10px #777777;}  
p.five {  
  box-shadow: inset 0 0 10px #777777;}
```


Box Shadows (CSS3)

RESULT



Rounded Corners (CSS3)

CSS

```
p {  
  border: 5px solid #ee3e80;  
  padding: 20px;  
  width: 275px;  
  -moz-border-radius: 10px;  
  -webkit-border-radius: 10px;  
  border-radius: 10px;  
}
```

Rounded Corners (CSS3)

RESULT

Pet Sounds featured a number of unconventional instruments such as bicycle bells, buzzing organs, harpsichords, flutes, Electro-Theremin, dog whistles, trains, Hawaiian-sounding string instruments, Coca-Cola cans and barking dogs.

Elliptical Shapes (CSS3)

CSS

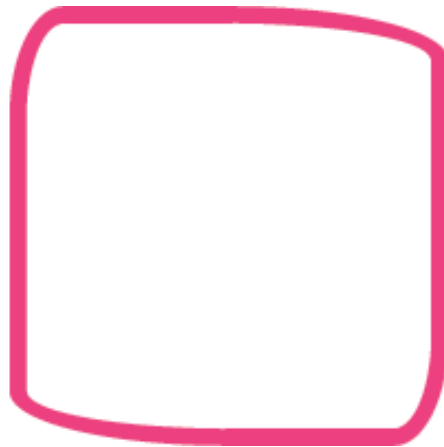
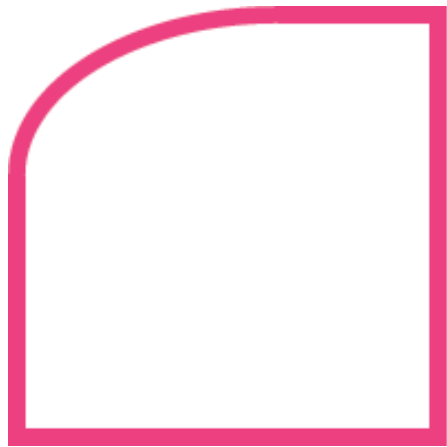
```
p.one {  
  border-radius-top-left: 80px 50px;}
```

```
p.two {  
  border-radius: 1em 4em 1em 4em /  
    2em 1em 2em 1em;}
```

```
p.three {  
  padding: 0px;  
  border-radius: 100px;}
```

Elliptical Shapes (CSS3)

RESULT



In Class Assignment

Try to incorporate what we discussed today into the HTML documents you created in class last week.

- Color
- Type
- Boxes

Homework

Read chapters 14-17 in the text book.