



Introduction to HTML / CSS

HTML



HyperText
Markup
Language



Responsive Web Design

Responsive design



Established Nottingham 2003
THE CELEBRATED NEW MISCELLANY OF
MR. SIMON COLLISON
* A.K.A COLLY *

<p><i>Bottled for your pleasure</i> POTTED AUTOBIOGRAPHY</p>  <p>Hello. I'm a designer. I also do plenty of writing, speaking, and sleeping. I'm based in Nottingham, England, but my work means I'm often found in all sorts of other fine places. Please read on →</p>	<p><i>Dropping science like it's hot</i> THE SPLENDID JOURNAL</p>  <p>S 2013 a year in review This is the fourth end-of-year review I've written and as ever it's a personal reflection that I think I'll enjoy reading in twenty years or whenever... More →</p>	<p><i>Catalogued nocturnal matter</i> EXHAUSTIVE ARCHIVES</p>  <p>965—2013 in music 963—Yet another year in review 962—Yet another year in music 964—iPhone video experiment 961—Creative Montage NYC</p>	<p><i>Mr. Collison is currently</i> RECEIVING YOUR EMAILS</p>  <p>Opinions & quotes the way Drop me a line if you wish. I'm always interested in new projects and opportunities and will of course do my best to reply to your emails swiftly and efficiently →</p>
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[EXTERNAL REFERENCES \(VIEW ALL\)](#)

<p><i>A very proud member of these</i> FICTIVE KIN</p> 	<p><i>Retro-filtered iPhone Photos</i> INSTAGRAM PHOTOS</p> 	<p><i>Images from the field</i> FLICKR PHOTOGRAPHS</p> 	<p><i>The tweets of @collily</i> FOLLOW ME ON TWITTER</p> 
<p><i>Conference and speaking history</i> LANYRD PROFILE</p> 	<p><i>Writing about travel experiences</i> HI MOMENTS</p> 	<p><i>Shaky picks of my designs</i> DRIBBBLE SHOTS</p> 	<p><i>Mr. Collison organizes some</i> NEW ADVENTURES</p> 

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New Islamic State video claims US aid worker beheaded

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- Friends, family mourn apparent beheading of Peter Kassig
- Jacoby: Why does ISIS behead its victims?

Opinion

Editorial

Making arts policy a priority

The arts are an essential component of the state's quality of life.

Special sections: Arts everywhere

Barry Bozeman and Derrick Anderson: For-profit universities are not inherently bad

Stephen Kinzer: Sending US troops to fight ISIS will end in failure

Joan Vennoch: 'Shoptunity' comments create new problems for ACA

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Mass MoCA unveils expansive vision

The Massachusetts Museum of Contemporary Art is offering up a new model for museums: creating exhibits that will be on view for 15 to 25 years.

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Innovation District needs a human touch

Buildings are going up all over the Innovation District, but the architecture, so far, falls flat.

- A look at the Innovation District

• Photos: Boston's Innovation District

SPECIAL SECTION

Top Places to Work 2014

Love your workplace? These companies keep their employees happy and motivated.

MAINE PHILANTHROPIST ACCUSED OF EMBEZZLING \$3.8M

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THREE-ALARM FIRE TEARS THROUGH SOUTH END APARTMENT BUILDING


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Mass MoCA unveils expansive vision

The Massachusetts Museum of Contemporary Art is offering up a new model for museums: creating exhibits that will be on view for 15 to 25 years.

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MORE HEADLINES

Ashland crash leaves one dead, one seriously injured

Financial firms lobby hard against stricter protections

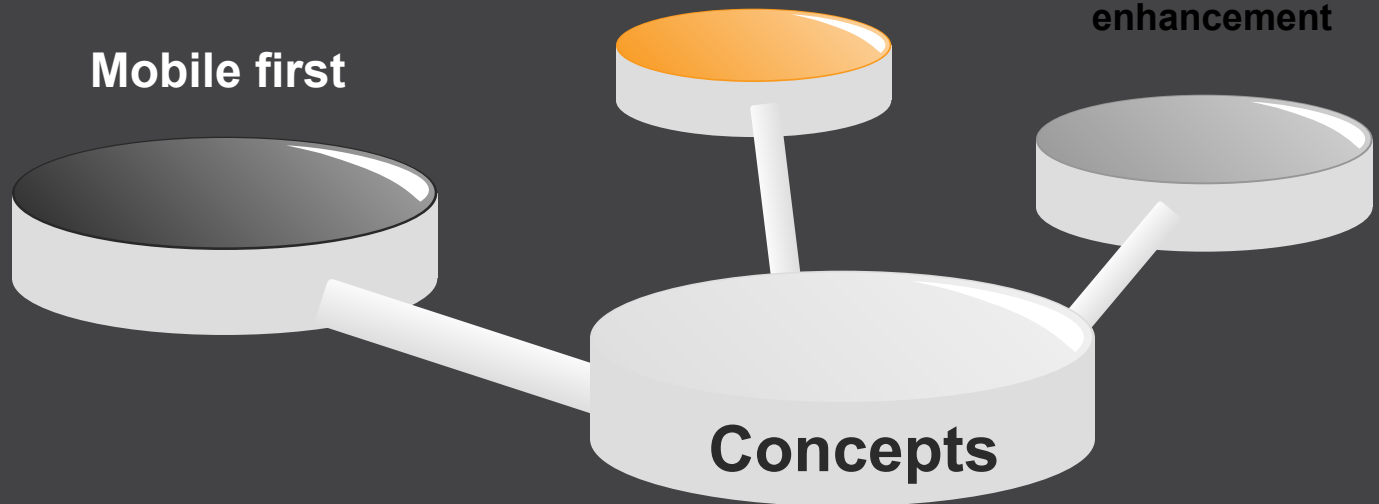
Responsive design



Unobtrusive JavaScript

Mobile first

Progressive enhancement



Media Queries



```
<!-- CSS media query on a link element -->
```

```
<link rel="stylesheet" media="screen" href="example.css" />
```

```
<!-- The only keyword prevents older browsers that do not support media queries with media features from applying the given styles -->
```

```
<link rel="stylesheet" media="only screen and (color)" href="example.css" />
```

Media Queries



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```

```
<!-- The only keyword prevents older browsers that do not support media queries  
with media features from applying the given styles -->  
<link rel="stylesheet" media="only screen and (color)" href="example.css" />
```

```
/* CSS media query within a stylesheet */  
@media all and (min-width:500px) { ... }  
@media (orientation: portrait) { ... }  
@media not (all and (monochrome)) { ... }
```


Media Features



Feature	Value	Min/Max	Description
color	integer	yes	number of bits per color component
device-aspect-ratio	integer/integer	yes	aspect ratio
device-height	length	yes	height of the output device
device-width	length	yes	width of the output device
height	length	yes	height of the rendering surface
monochrome	integer	yes	number of bits per pixel in a monochrome frame buffer
orientation	landscape/portrait	no	Specifies the whether the display is in landscape mode or portrait mode
resolution	resolution ("dpi" or "dpcm")	yes	1 Dots per inch = 0.3937008 Dots per cm
width	length	yes	width of the rendering surface

Device specific breakpoints



```
/* Smartphones (portrait and landscape) */
@media only screen and (min-device-width : 320px) and (max-device-width : 480px) {
  /* Styles */
}

/* Samsung Galaxy S5 */
@media only screen and (min-device-width: 360px) and (max-device-height: 640px) and
(orientation : landscape) and (-webkit-device-pixel-ratio: 3){
  /* Styles */
}
@media only screen and (min-device-width: 360px) and (max-device-height: 640px) and
(orientation : portrait) and (-webkit-device-pixel-ratio: 3){
  /* Styles */
}

/* iPhone 6 */
@media only screen and (min-device-width: 375px) and (max-device-height: 667px) and
(orientation : landscape) and (-webkit-device-pixel-ratio: 2){
  /* Styles */
}
@media only screen and (min-device-width: 375px) and (max-device-height: 667px) and
(orientation : portrait) and (-webkit-device-pixel-ratio: 2){
  /* Styles */
}
```

Device specific breakpoints



```
/* iPads (portrait and landscape) */
@media only screen and (min-device-width : 768px) and (max-device-width : 1024px) {
  /* Styles */
}
/* iPads (landscape) */
@media only screen and (min-device-width : 768px) and (max-device-width : 1024px)
and (orientation : landscape) {
  /* Styles */
}

/* iPads (portrait) */
@media only screen and (min-device-width : 768px) and (max-device-width : 1024px)
and (orientation : portrait) {
  /* Styles */
}

/* Desktops and laptops */
@media only screen and (min-width : 1024px) {
  /* Styles */
}

/* Large screens */
@media only screen and (min-width : 1824px) {
  /* Styles */
}
```

Good job!

