
 **GENERAL ASSEMBLY**

FRONT-END WEB DEVELOPMENT

- Introduction to Mobile Web Development
- Fluid vs Responsive vs Adaptive
- Media Queries

MOBILE WEB DEVELOPMENT

We know there is a lot that goes into mobile web development.

This section is an introduction to developing for multiple screens. As this is a major topic in web dev today we had to dedicate a session to introducing students to mobile web development.

In this lesson we focus on how to execute a media query in addition to providing mobile web development theory.

MOBILE WEB DEVELOPMENT

www.time.com

www.bostonglobe.com

www.gophilosophie.com

After sharing your favorite responsive site it is a good time to do:

Exercise Exploring Responsive Web Sites

MOBILE WEB DEVELOPMENT

What is mobile web development?

What tools/languages are involved in creating a mobile site?

RESPONSIVE VS ADAPTIVE

What is responsive design?

What is adaptive design?

RESPONSIVE TO WHAT?

**RESPONSIVE TO
SCREEN SIZE**

NOT to be confused with
responsiveness (how fast the site is)

RESPONSIVE WEB DESIGN

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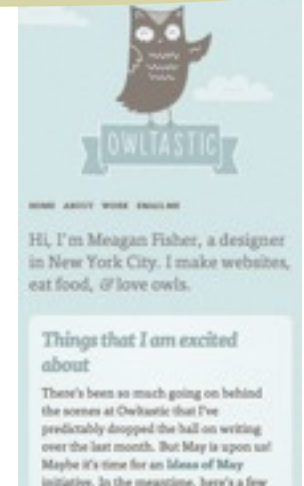
EXAMPLE

<http://owltastic.com/>

Change the example site if you have a personal one you'd like to share.

desktop screen

tablet



THE TOOLS

- `img width 100%`
- media queries
- Skeleton and similar frameworks for responsive grids

MEDIA QUERIES

Styles here only apply when
the screen is between 320 and
480px wide

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

Styles here apply when
the screen is at least
321px wide

```
/* Smartphones (landscape) ----- */
@media only screen
and (min-width : 321px) {
  /* Styles */
}
```

Styles here apply when
the screen is at most
320px wide

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



CONTENT OVERFLOW

This is a good point to go through:

Using Media Queries
and Exercise Media Queries

Value	Description
visible	The overflow is not clipped. It renders out default
hidden	The overflow is clipped, and the rest of the
scroll	The overflow is clipped, but a scroll-bar is added to see the rest of the content
auto	If overflow is clipped, a scroll-bar should be added to see the rest of the content
inherit	Specifies that the value of the overflow property should be inherited from the parent element

FINAL PROJECT PLANNING

LESSON 9: INTRO TO MOBILE WEB DEVELOPMENT

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