

# Bootstrap 3

## Module 6: Migrating to Bootstrap 3

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# Agenda

- **Migrating to Bootstrap 3**

- Overview of the Changes

- Migrate my Blog

- Moving to Bootstrap 3

- Migrating the Grid

- Migrating the NavBar

- Migrating the Blog Entry

- Migrating the SideBar

- Migrating Custom CSS

# Bootstrap 3

- **Overview of Changes**
  - Mobile First Responsive Web Design
  - Responsive by Default
  - Fewer classes
  - Fluid is gone!
  - Less collision with your own CSS

# Mobile First Responsive Web Design

- **Since Bootstrap 3 is Mobile First, So Should Your CSS**
  - This is especially true if you're working from a template
  - Migrating from max-width to min-width:

```
@media (min-width: 480px) {  
  .portfolio-responsive h2 {  
    display: block;  
  }  
  .portfolio-responsive a.info {  
    margin-top: 20px !important;  
  }  
}
```

# Responsive By Default

- **No longer need `bootstrap-responsive.min.css`**
  - This is true for your own extensions or bootstrap templates
  - Expect that your site will need to deal with different page widths
  - You can disable responsiveness with some specialized CSS

# Class Renaming

- **Version 3 simplifies some of the naming**
  - All fluid classes are gone
  - Some classes are 'namespaced'
    - E.g. list-unstyled vs. unstyled
  - Sizes are standardized to lg, md, sm, xs
  - Naming Changes are Well Documented

# Name Changes

Bootstrap 2.x	Bootstrap 3.0
.container-fluid	.container
.row-fluid	.row
.span*	.col-md-*
.offset*	.col-md-offset-*
.brand	.navbar-brand
.nav-collapse	.navbar-collapse
.nav-toggle	.navbar-toggle
.btn-navbar	.navbar-btn
.hero-unit	.jumbotron
.icon-*	.glyphicon .glyphicon-*
.btn	.btn .btn-default
.btn-mini	.btn-xs
.btn-small	.btn-sm
.btn-large	.btn-lg
.alert-error	.alert-danger
.visible-phone	.visible-xs
.visible-tablet	.visible-sm
.visible-desktop	.visible-md
.hidden-phone	.hidden-xs
.hidden-tablet	.hidden-sm
.hidden-desktop	.hidden-md

Bootstrap 2.x	Bootstrap 3.0
.input-small	.input-sm
.input-large	.input-lg
.control-group	.form-group
.checkbox.inline	.checkbox-inline
.radio.inline	.radio-inline
.input-prepend	.input-group
.input-append	
.add-on	.input-group-addon
.img-polaroid	.img-thumbnail
ul.unstyled	.list-unstyled
ul.inline	.list-inline
.muted	.text-muted
.text-error	.text-danger
.table .error	.table .danger
.bar	.progress-bar
.bar-*	.progress-bar-*
.accordion	.panel-group
.accordion-group	.panel .panel-default
.accordion-heading	.panel-heading
.accordion-body	.panel-collapse
.accordion-inner	.panel-body
.alert-error	.alert-danger

# No Equivalency

- Some of the classes in v2.x simply don't exist:
  - Form Actions (**.form-actions**)
  - Form Search (**.form-search**)
  - Controls Wrapper (**.controls**)
  - Navbar Inner (**.navbar-inner**)
  - Navbar Dividers (**.divider-vertical**)
  - Submenu (**.dropdown-submenu**)
  - Tab Alignments (**.tabs-left, .tabs-right, .tabs-center**)
  - Nav Lists (**.nav-list**)



**Moving to Bootstrap 3**

**Demo**

**Migrating the Grid**

**Demo**

**Migrating the NavBar**

**Demo**

**Migrating the Blog Entries**

**Demo**

**Migrating the Sidebar**

**Demo**

**Migrating the Custom CSS**

**Demo**

# Summary

- **Migrating to Bootstrap 3**

- Version 3 is a big change, so migration isn't trivial
- Moving to Mobile-First is largest of the migration challenges
- Class renaming is simple though can be tedious
- Dealing with missing features from Bootstrap v2.x shouldn't be too difficult