

Bootstrap



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This Module



Bootstrap

- Adding Bootstrap to a Project
- Skinning Bootstrap
- Using Grid System
- Creating Navigation with Bootstrap
- Bootstrap and Forms

Bootstrap

- Open Source Framework for Building Web Apps
 - CSS/LESS
 - JavaScript Components
 - Modular and Skinnable
 - Built-in Support for 80% of common design metaphors

Demo

Adding Bootstrap



Demo

Using Bootswatch

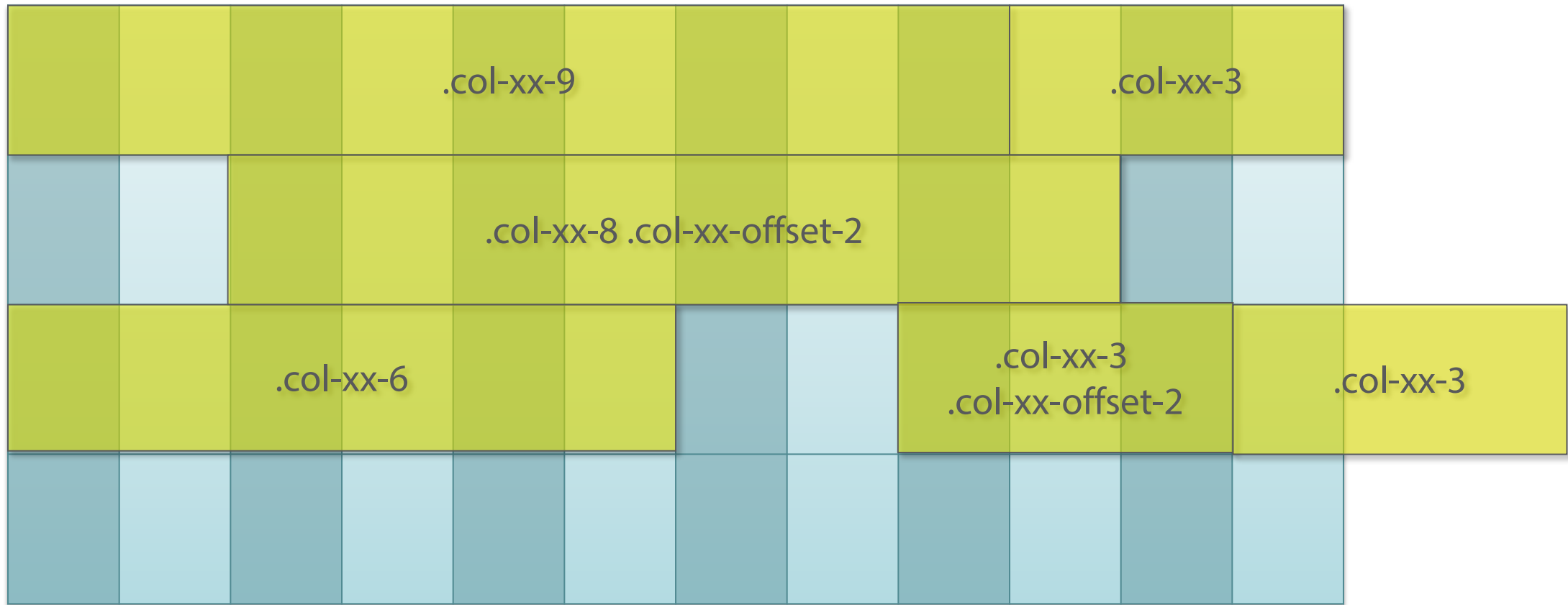


Demo

Building a NavBar



The Bootstrap Grid System



Multiple Grids

- Grids have a type for screen size:
 - **.col-lg-xx:** $\geq 1200\text{px}$
 - **.col-md-xx:** $\geq 992\text{px}$
 - **.col-sm-xx:** $\geq 768\text{px}$
 - **.col-xs-xx:** $< 768\text{px}$

Multiple Grids

[illegible]

Demo

Grid System



Demo

Bootstrap Forms



What About Bootstrap 4?

- Just Entering “Alpha” Now
 - Unlike the 2-3 transition, it is a more modest change
 - Small API changes, but big architectural changes under the hood
 - NavBars getting important reworking
 - New Card component replaces aging Panels and Thumbnails
 - Glyphicons are gone; use Font Awesome instead!
 - Bootstrap 3 isn't going away

Going
Deeper

Bootstrap 3

www.pluralsight.com/courses/bootstrap-3

Responsive Sites with Bootstrap 3

www.pluralsight.com/courses/responsive-websites-bootstrap3

What We've Learned

Bootstrap

A comprehensive CSS and JavaScript web framework

You can create navigation panels with Bootstrap

Bootstrap can further be skinned

Using Bootstrap components create a single look/feel