

Bootstrap

— LAYOUT —



IN A ROCKET

Learn front-end development at rocket speed

CONTENT

UTILITIES

B

LAYOUT

COMPONENTS

CONTAINER

+

**MEDIA
QUERIES**

+

**ROWS &
COLS**

CONTAINER

+

**MEDIA
QUERIES**

+

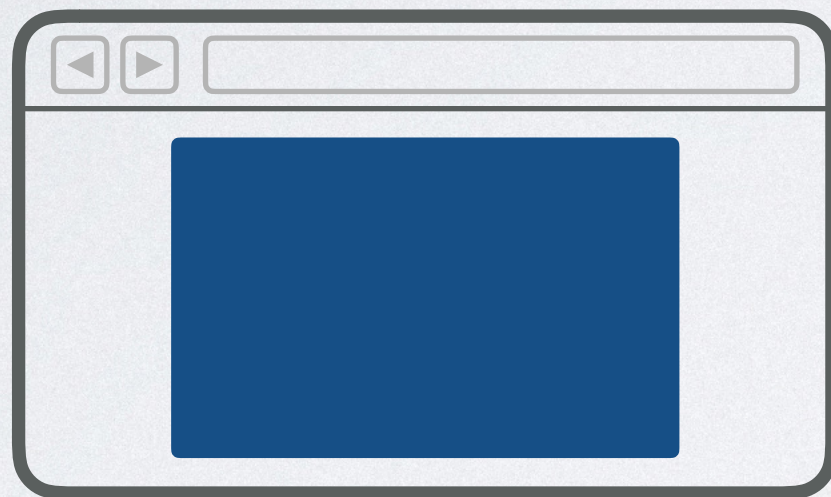
**ROWS &
COLS**

Container

You can choose:

fixed width

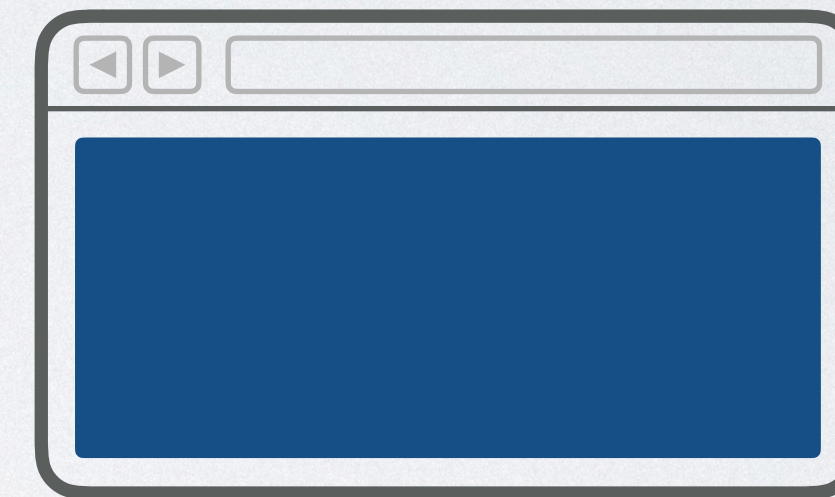
Its max-width changes at each breakpoint.



```
<div class="container">  
  <!-- Content here -->  
</div>
```

fluid width

It's 100% wide all the time.



```
<div class="container-fluid">  
  <!-- Content here -->  
</div>
```


CONTAINER

+

**MEDIA
QUERIES**

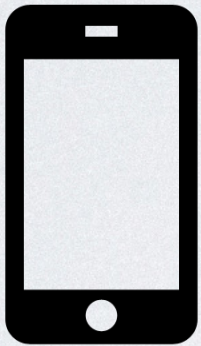
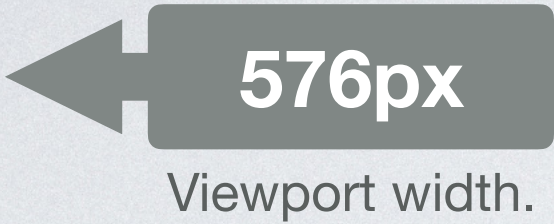
+

**ROWS &
COLS**

RESPONSIVE BREAKPOINTS

xs

Extra small
devices

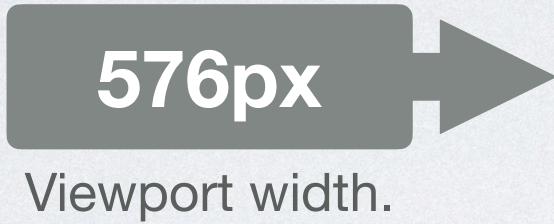


e.g.: portrait phones.

No media query since this is the default in Bootstrap.

sm

Small
devices

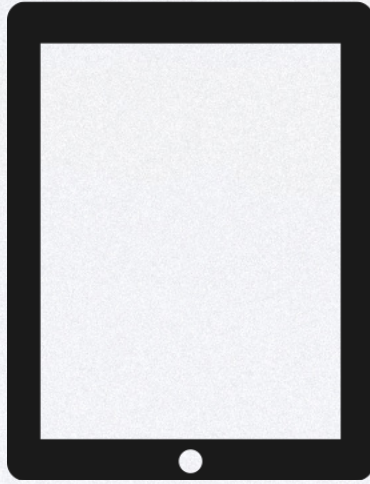
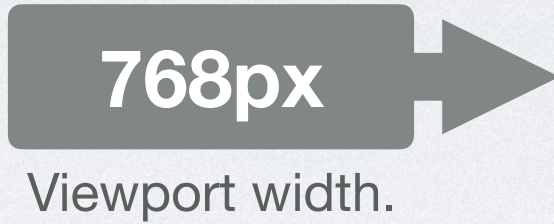


e.g.: landscape phones.

@media (min-width: **576px**)

md

Medium
devices

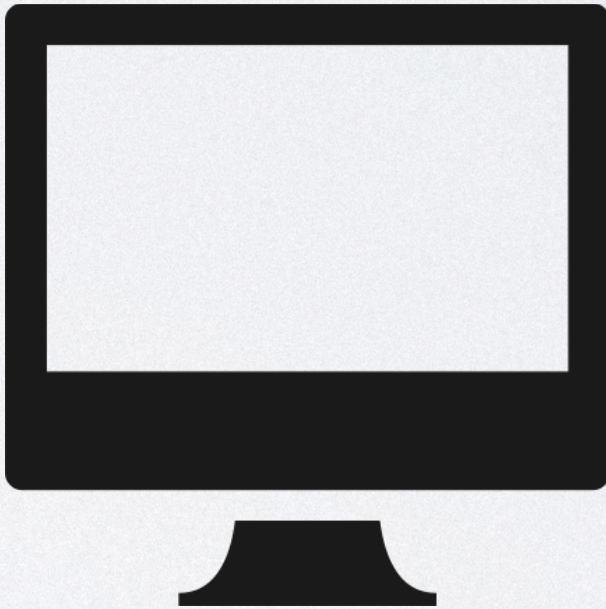
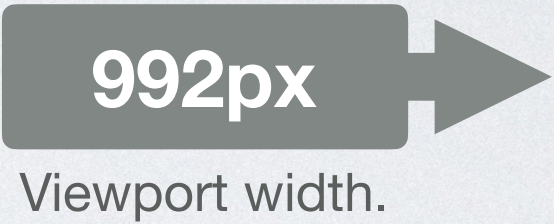


e.g.: tablets.

@media (min-width: **768px**)

lg

Large
devices

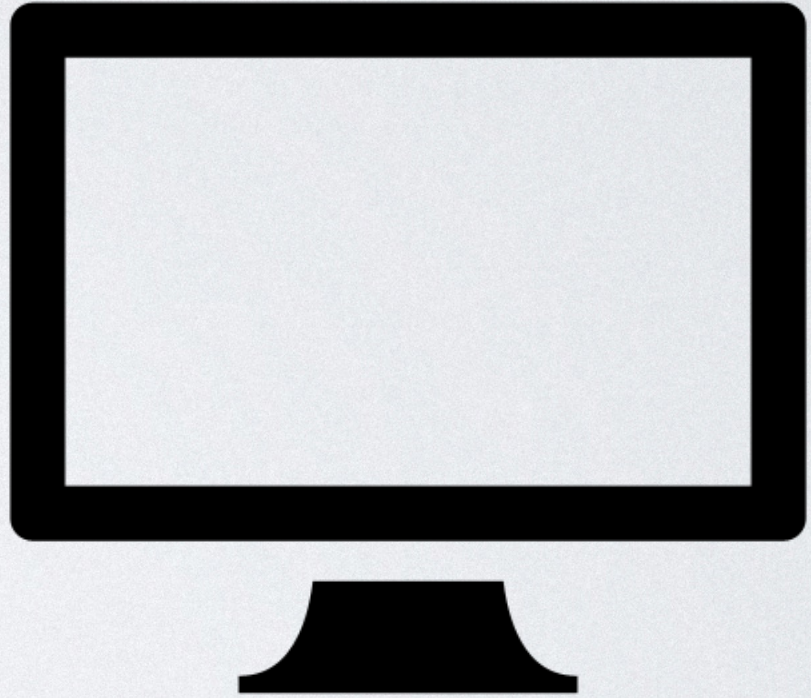
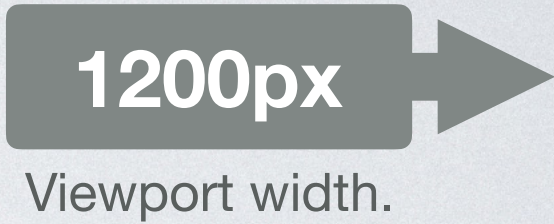


e.g.: desktops.

@media (min-width: **992px**)

xl

Extra large
devices



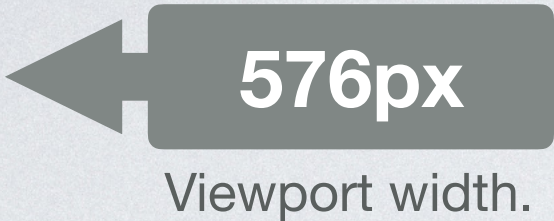
e.g.: large desktops.

@media (min-width: **1200px**)

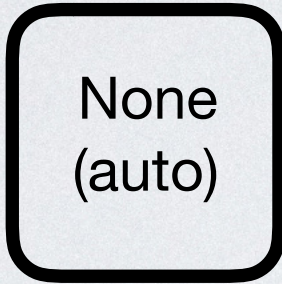
RESPONSIVE BREAKPOINTS

xs

Extra small devices



Max container width:

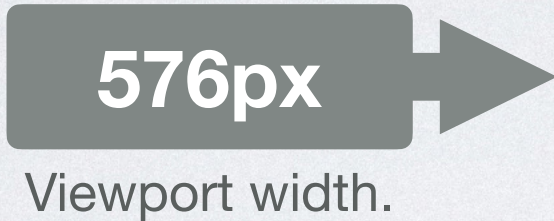


Class prefix:

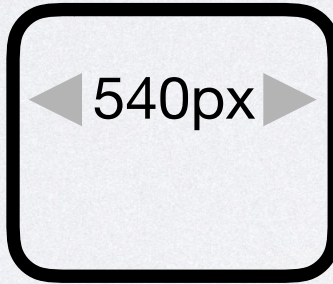
.col-

sm

Small devices



Max container width:

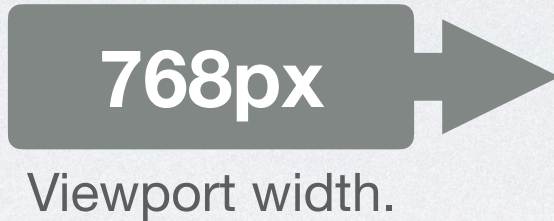


Class prefix:

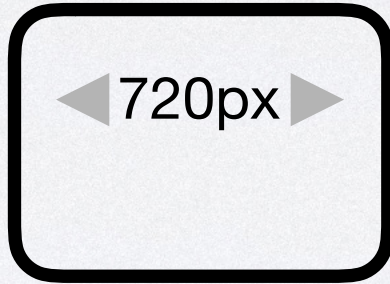
.col-sm-

md

Medium devices



Max container width:

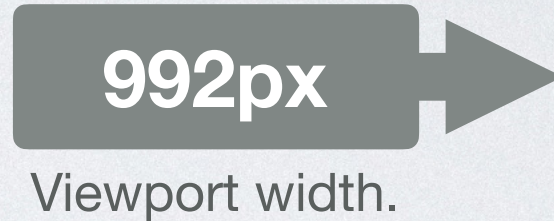


Class prefix:

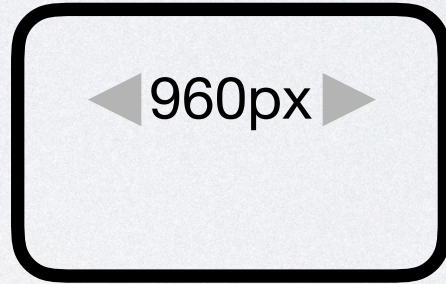
.col-md-

lg

Large devices



Max container width:

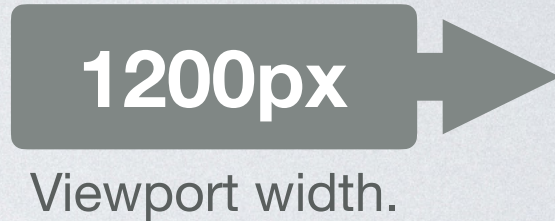


Class prefix:

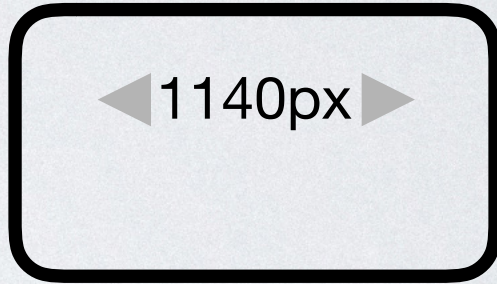
.col-lg-

xl

Extra large devices



Max container width:



Class prefix:

.col-xl-

CONTAINER

+

**MEDIA
QUERIES**

+

**ROWS &
COLS**

container

row

col 1	col 2	col 3	col 4	col 5	col 6	col 7	col 8	col 9	col 10	col 11	col 12
----------	----------	----------	----------	----------	----------	----------	----------	----------	-----------	-----------	-----------

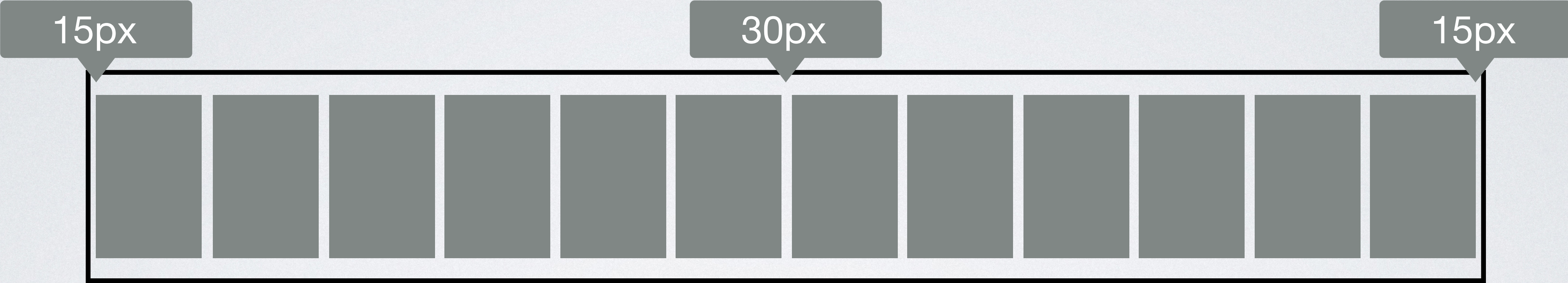
row

--	--	--	--	--	--	--	--	--	--	--	--

row

--	--	--	--	--	--	--	--	--	--	--	--

GUTTER WIDTH



container

row

col 12

row

col 6

col 6

row

col 4

col 4

col 4



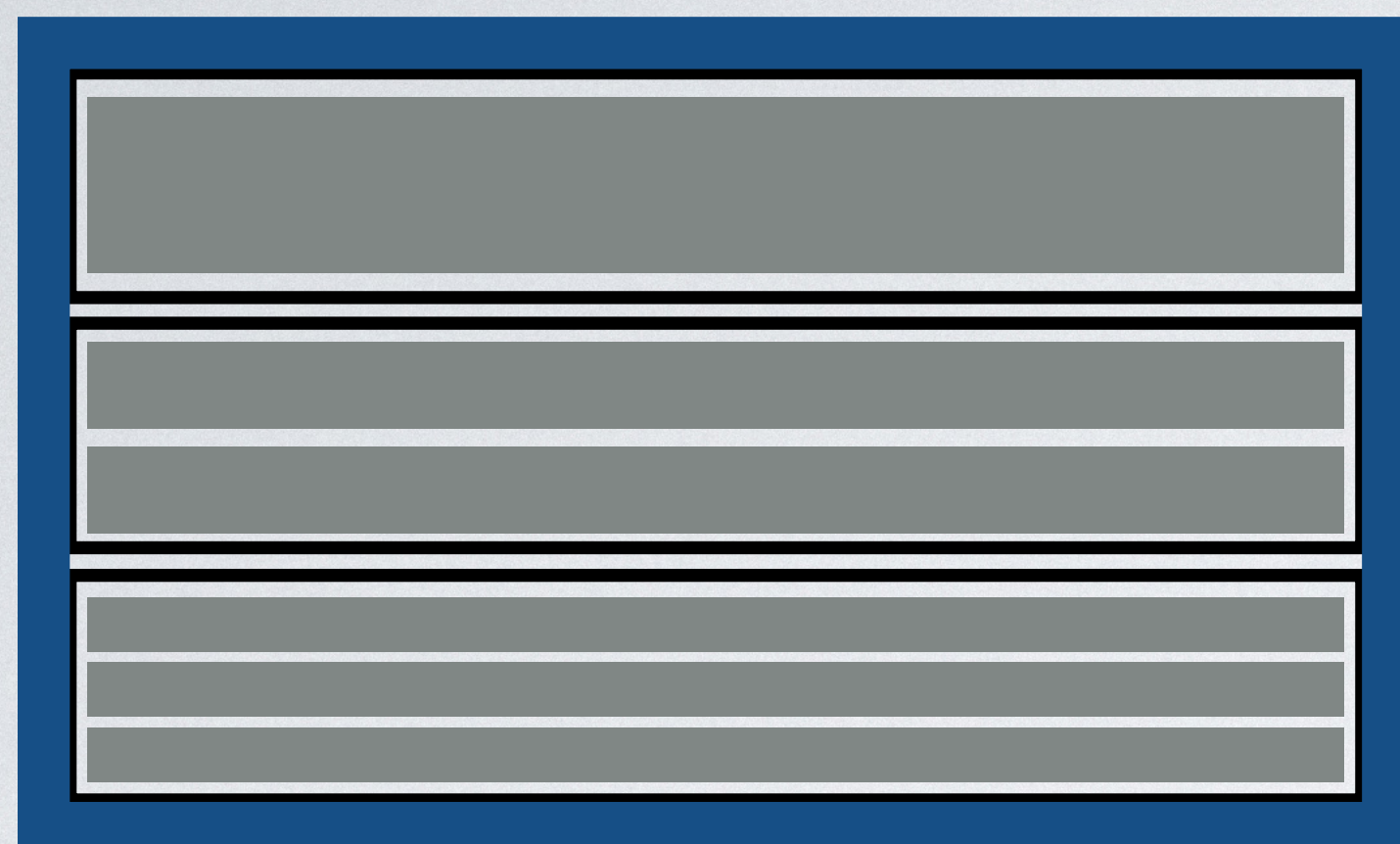
```
<div class="container">

  <div class="row">
    <div class="col-12">12col</div>
  </div>

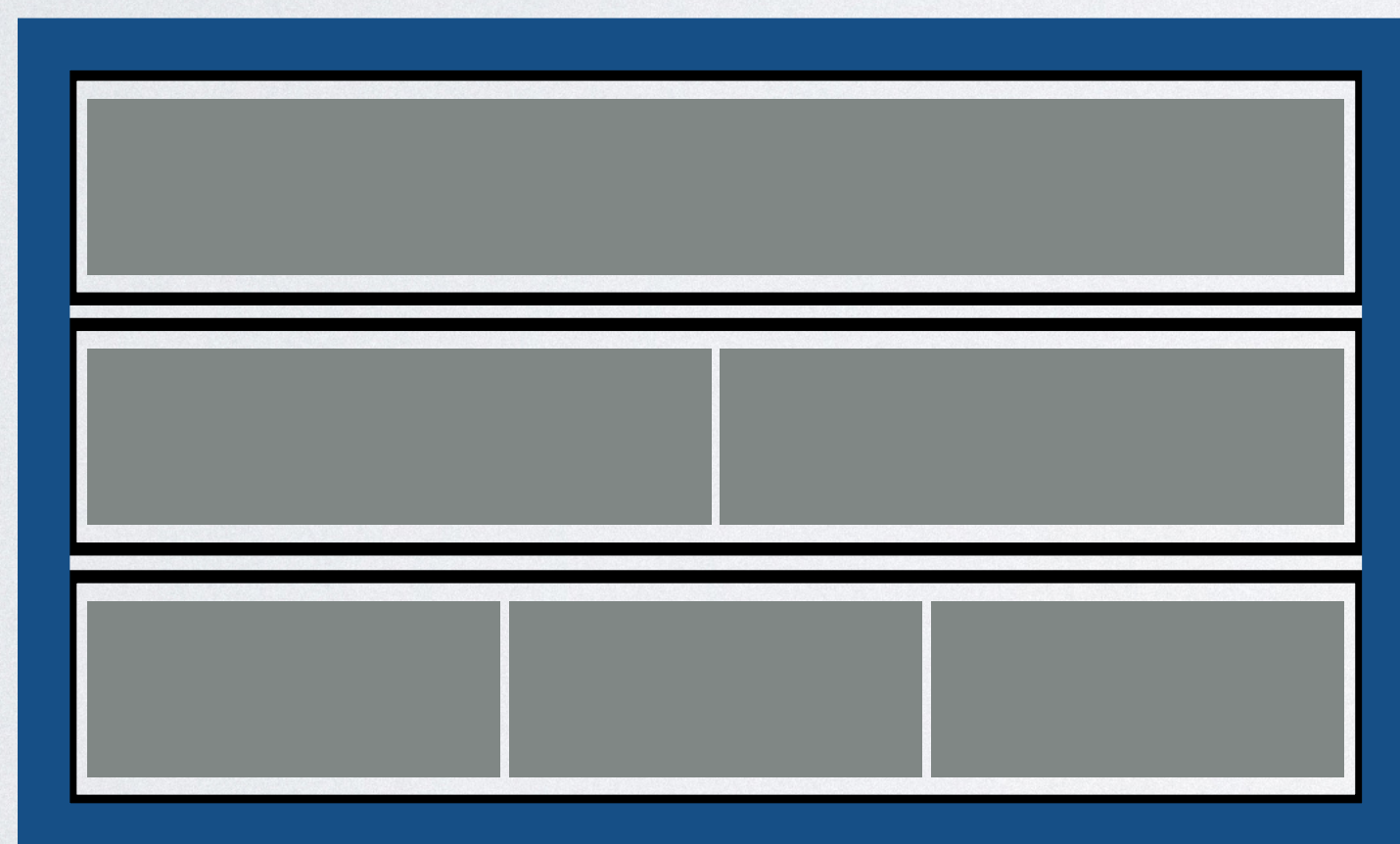
  <div class="row">
    <div class="col-6">6col</div>
    <div class="col-6">6col</div>
  </div>

  <div class="row">
    <div class="col-4">4col</div>
    <div class="col-4">4col</div>
    <div class="col-4">4col</div>
  </div>

</div>
```

← 768px md



md 768px →

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-md-12">12col</div>
</div>
```

```
<div class="row">
```

```
<div class="col-md-6">6col</div>
<div class="col-md-6">6col</div>
</div>
```

```
<div class="row">
```

```
<div class="col-md-4">4col</div>
<div class="col-md-4">4col</div>
<div class="col-md-4">4col</div>
</div>
```

```
</div>
```



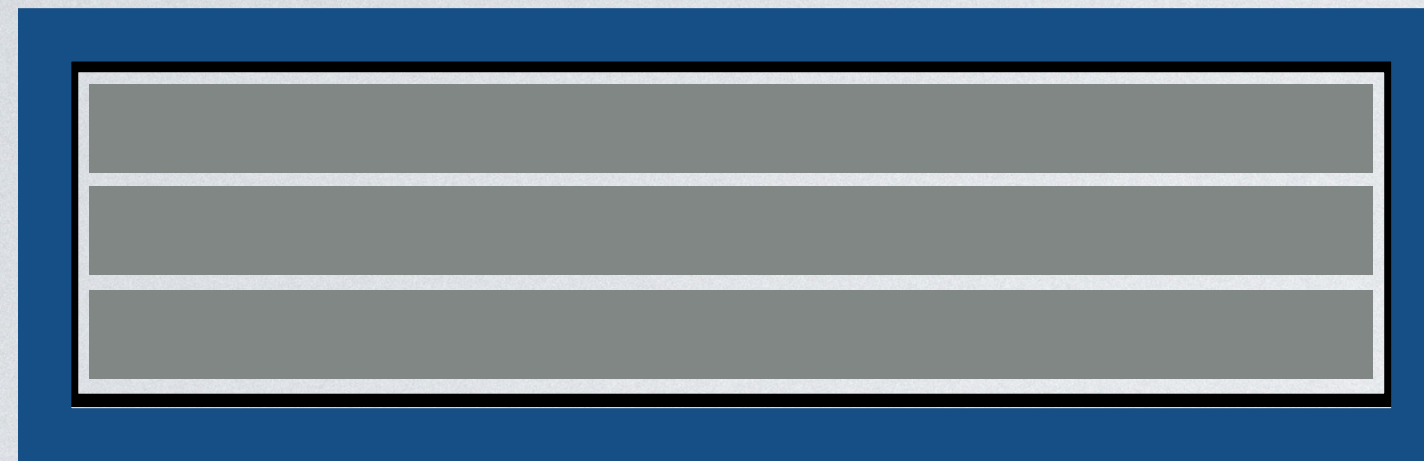

```
<div class="container">

  <div class="row">
    <div class="col">12col</div>
  </div>

  <div class="row">
    <div class="col">6col</div>
    <div class="col">6col</div>
  </div>

  <div class="row">
    <div class="col">4col</div>
    <div class="col">4col</div>
    <div class="col">4col</div>
  </div>

</div>
```

← 768px md



md 768px →

```
<div class="container">
```

```
  <div class="row">
```

```
    <div class="col-md">4col</div>
```

```
    <div class="col-md">4col</div>
```

```
    <div class="col-md">4col</div>
```

```
  </div>
```

```
</div>
```




```
<div class="container">
```

```
  <div class="row">
```

```
    <div class="col">*col</div>
```

```
    <div class="col-6">6col</div>
```

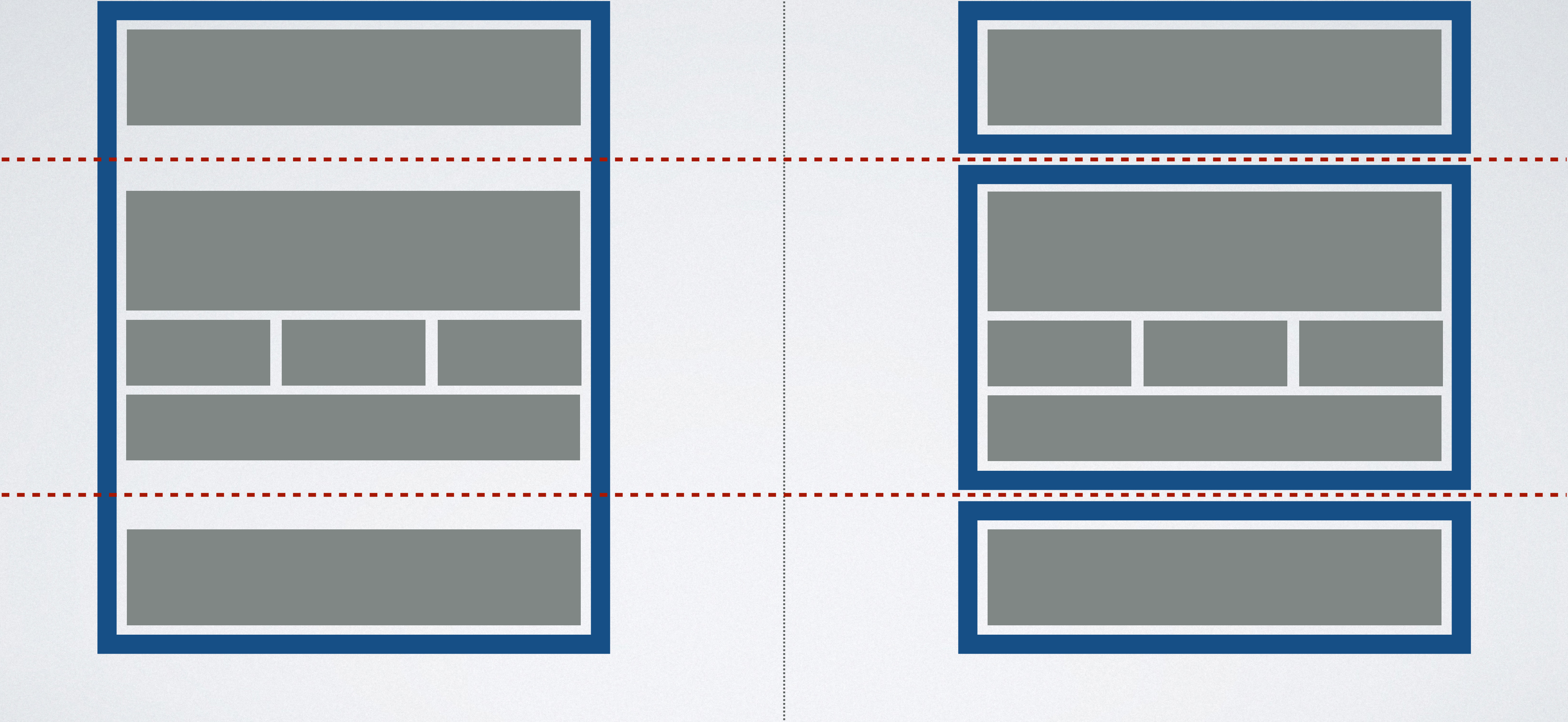
```
    <div class="col">*col</div>
```

```
  </div>
```

```
</div>
```


SINGLE CONTAINER VS MULTIPLE CONTAINERS

WARNING

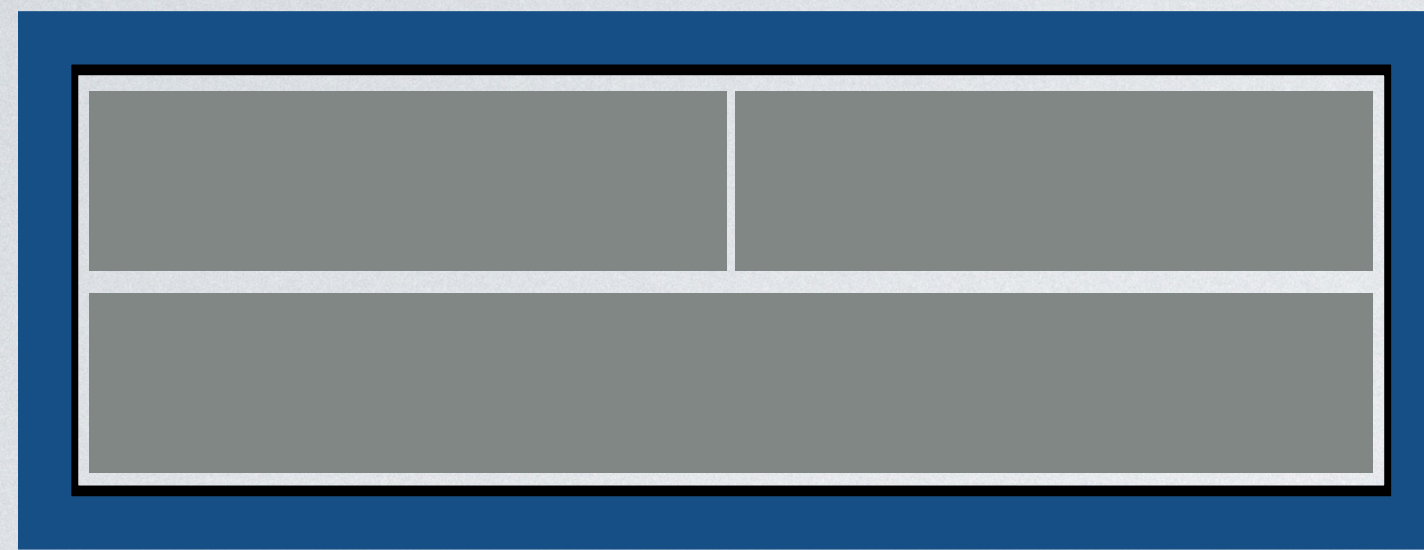


WHERE TO START?

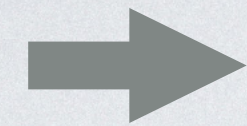


**MOBILE
FIRST**

MIXING COLUMN CLASSES



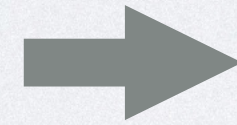
xs



md



md



```
<div class="container">
```

```
  <div class="row">
```

```
    <div class="col-6 col-md-4">
```

```
      Column 1
```

```
    </div>
```

```
    <div class="col-6 col-md-4">
```

```
      Column 2
```

```
    </div>
```

```
    <div class="col-12 col-md-4">
```

```
      Column 3
```

```
    </div>
```

```
  </div>
```

```
</div>
```


OFFSET A COLUMN



```
<div class="container">

  <div class="row">
    <div class="col-md-4 offset-md-4">
      Column 2
    </div>

    <div class="col-md-4">
      Column 3
    </div>
  </div>

</div>
```


CONTAINER



+

**MEDIA
QUERIES**



+

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COLS**



Bootstrap

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