

# jQuery Mobile

## Lesson 06 : Using the Content Formatting Tools

# Lesson Objectives

- **In this lesson, you will learn :**
- Using layout grids
  - Using collapsible content blocks
  - Using collapsible sets
  - Using themes



# Using Columns and grids

## ➤ Grid Layout:

- Are useful for displaying any content that must be presented side-by-side
- Have no margins, no padding, no borders, and no background
- Are 100 percent wide and can have multiple rows and columns

## ➤ jQuery Mobile allows to build CSS-based columns through a block style class convention called **ui-grid**.

## ➤ Four preset configurations layouts can be used :

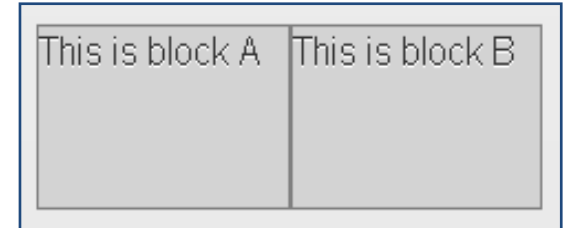
- two-column (using the ui-grid-a class)
- three-column (using the ui-grid-b class)
- four-column (using the ui-grid-c class)
- five-column (using the ui-grid-d class)

## ➤ Within the grid container, child elements are assigned **ui-block-a/b/c/d/e**

- This makes each "block" element float side-by-side, forming the grid.

## Using Columns and grids : Examples

- To create a Two-column layout:



```
<div class="ui-grid-a">
  <div class="ui-block-a"><p>This is block A</p></div>
  <div class="ui-block-b"><p>This is block B</p></div>
</div>
```

- Creating a simple grid with one row and two columns, each containing a button

```
<div class="ui-grid-a">
  <div class="ui-block-a">
    <button type="submit">Button1</button>
  </div>
  <div class="ui-block-b">
    <button type="submit">Button2</button>
  </div>
</div>
```



# Using Columns and grids : Examples

- To create a Three-column layout, multiple rows:

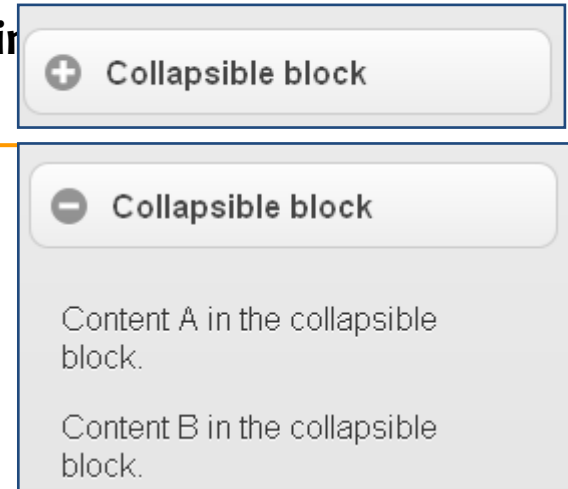
```
<div class="ui-grid-b">  
  <!-- First Row with 3 Columns -->  
    <div class="ui-block-a"><p>This is block A</p></div>  
    <div class="ui-block-b"><p>This is block B</p></div>  
    <div class="ui-block-c"><p>This is block C</p></div>  
  
  <!-- Second Row with 3 Columns -->  
    <div class="ui-block-a"><p>This is block A</p></div>  
    <div class="ui-block-b"><p>This is block B</p></div>  
    <div class="ui-block-c"><p>This is block C</p></div>  
</div>
```

This is block A	This is block B	This is block C
This is block A	This is block B	This is block C

# Collapsible blocks

- To create a collapsible block of content, create a container with the `role="collapsible"` attribute.

```
<div data-role="collapsible">  
  <h1>Collapsible block</h1>  
  <p>Content A in the collapsible block.</p>  
  <p>Content B in the collapsible block.</p>  
</div>
```



- Adding the `data-collapsed="true"` attribute to the container determines if the collapsible block can be expanded or not.

```
<div data-role="collapsible" data-collapsed="true">
```

# Nested Collapsible blocks

- Collapsible blocks can also be nested

```
<p>Nested Collapsible blocks:</p>
<div data-role="collapsible">
  <h1>Collapsible block</h1>
  <p>Content in the collapsible block.</p>
  <div data-role="collapsible">
    <h1>Nested Collapsible block</h1>
    <p>Content in the Nested collapsible block.</p>
  </div>
</div>
```

Nested Collapsible blocks:

⊖ Collapsible block

Content in the collapsible block.

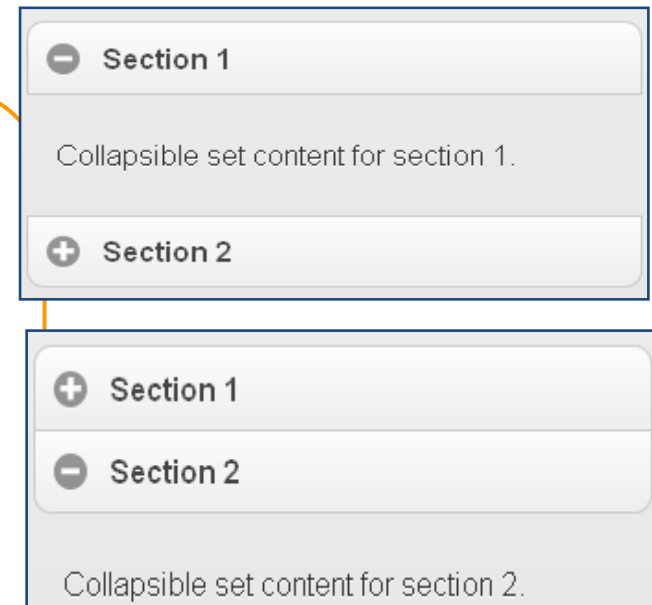
⊖ Nested Collapsible bl...

Content in the Nested  
collapsible block.

## Collapsible sets (Accordions)

- **Collapsible sets start with the same markup as collapsible blocks.**
  - Add a parent wrapper with a `data-role="collapsible-set"` attribute around a number of collapsibles
  - The framework styles these to look like a visually grouped widget - like an accordion so only one section can be open at a time.
  - By default, all the sections will be collapsed

```
<div data-role="collapsible-set">
  <div data-role="collapsible" >
    <h3>Section 1</h3>
    <p>Collapsible set content for section 1.</p>
  </div>
  <div data-role="collapsible">
    <h3>Section 2</h3>
    <p>Collapsible set content for section 2.</p>
  </div>
</div>
```



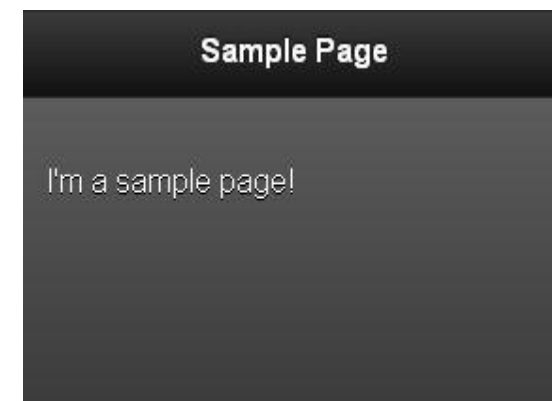


# Theming system

- Theme control is built directly into jQuery Mobile.
- Swatches are controlled with the data-theme attribute.

```
<div data-role="page" id="page" >  
  <div data-role="header">  
    <h1>Sample Page</h1>  
  </div>  
  <div data-role="content">  
    <p>I'm a sample page!</p>  
  </div>  
</div>
```

```
<div data-role="page" id="page" data-theme="a">  
  <div data-role="header">  
    ....  
  </div>
```



# Summary

## ➤ In this lesson, you learnt:

- Using layout grids
- Using collapsible content blocks
- Using collapsible sets
- Using themes



# List basics

- A listview is coded as a simple unordered list containing linked list items with a `data-role="listview"` attribute.

```
<ul data-role="listview" >
  <li><a href="acura.html">Acura</a></li>
  <li><a href="audi.html">Audi</a></li>
  <li><a href="bmw.html">BMW</a></li>
</ul>
```

Using Lists	
Acura	➤
Audi	➤
BMW	➤

```
<ol data-role="listview">
  <li><a href="index.html">The Godfather</a></li>
  <li><a href="index.html">Casablanca</a></li>
  <li><a href="index.html">Schindler's List </a></li>
</ol>
```

Using Lists	
1. The Godfather	➤
2. Casablanca	➤
3. Schindler's List	➤

# List View Dividers

- To divide lists by section headers, apply the `data-role="list-divider"` to any list item you identify as a divider

```
<ul data-role="listview">
  <li data-role="list-divider">A</li>
  <li><a href="#">Arnav</a></li>
  <li><a href="#">Asha</a></li>
  <li data-role="list-divider">B</li>
  <li><a href="#">Beena</a></li>
  <li><a href="#">Beyonce</a></li>
  ...
</ul>
```

Using Lists	
A	
Arnav	➤
Asha	➤
B	
Beena	➤
Beyonce	➤
C	
C. Nagpal	➤
Celina	➤

# Nested Lists

- List view widget supports nesting of lists. Nested lists can be created by nesting child ul or ol inside list items.

```
<h3>Animals</h3>
<p>All your favorites !</p>
<ul data-role="listview">
  <li>Pets
    <ul>
      <li><a href="index.html">Canary</a></li>
      <li><a href="index.html">Cat</a></li>
      <li><a href="index.html">Dog</a></li>
      ....
    </ul>
  </li>
  <li>Farm animals
    <ul> ...
```




Using Lists	
<b>Animals</b>	
All your favorites!	
Pets	➤
Farm animals	➤
Wild animals	➤

Pets	
Canary	➤
Cat	➤
Dog	➤

# Split Button Lists

- **Split button lists allow users to perform more than one action on the same list item.**
  - A split button is used to offer two independently clickable items; the main content of the list, and an icon to the right of the list displaying an icon that triggers some functionality.
  - To create a split list item, simply add a second link to the list item; jQuery Mobile adds a vertical line to separate the two buttons.

```
<ul data-role="listview">
<li>
  <a href="#">Gearboxes</a>
  <a href="purchase.html">Buy </a>
</li>
<li>
  <a href="#">Mechanical seals</a>
  <a href="purchase.html">Buy </a>
</li>
... </ul>
```

Split Button Lists	
Gearboxes	
Mechanical seals	
Oil rings	









# Thumbnails & icons

- To add thumbnails to the left of a list item, simply add an image inside a list item as the first child element.

```

<ul data-role="listview">
  <li><a href="#"><img src='us.png' class='ui-li-icon' />
    United States </a></li>
  <li><a href="#"><img src='gb.png' class='ui-li-icon' />
    Great Britain </a></li>
  <li><a href="#"><img src='de.png' class='ui-li-icon' />
    Germany </a></li>
  <li><a href="#"><img src='gf.png' class='ui-li-icon' />
    France</a></li>
</ul>

```

Using Icons		
ListView with Icons		
	United States	
	Great Britain	
	Germany	
	France	

# Summary

## ➤ In this lesson, you learnt:

- Overview of list views
- Basic list views
- Advanced list views

