

Layout

Introduction

- The default layout for displaying the content is based on the html well known flow.
- The jQuery Mobile library provides us alternative possibilities, such as displaying the content in collapsible panels and in multiple column grid layouts.

Grid Columns

- We can organize our content in grid that includes multiple columns.
- For getting a grid of two columns we should add to our `div` container the `class="ui-grid-a"` attribute.

```
<div class="ui-grid-a">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
</div>
```

Grid Columns

- For getting a grid of three columns we should add to our `div` container the `class="ui-grid-b"` attribute.

```
<div class="ui-grid-b">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-b">jordan</div>  
</div>
```

Grid Columns

- For getting a grid of four columns we should add to our `div` container the `class="ui-grid-c"` attribute.

```
<div class="ui-grid-c">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-c">jordan</div>  
<div class="ui-block-d">russia</div>  
</div>
```

Grid Columns

- For getting a grid of four columns we should add to our `div` container the `class="ui-grid-c"` attribute.

```
<div class="ui-grid-c">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-c">jordan</div>  
<div class="ui-block-d">russia</div>  
</div>
```

Grid Rows

- We can easily get rows so that we could place different content in each one of the created cells.
- We first need to take a decision as per the number of columns. Once the number of columns was set we should add div elements with the "ui-block-____" CSS class, such as "ui-block-a", "ui-block-b", "ui-block-c" and so on.

Grid Rows

```
<!DOCTYPE html>
<html>
<head>
  <title>My Cycling</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
<body>
<div data-role="page" id="home" data-theme="e">
  <div data-role="header">
    <h1>Sample Demo</h1>
  </div>
```



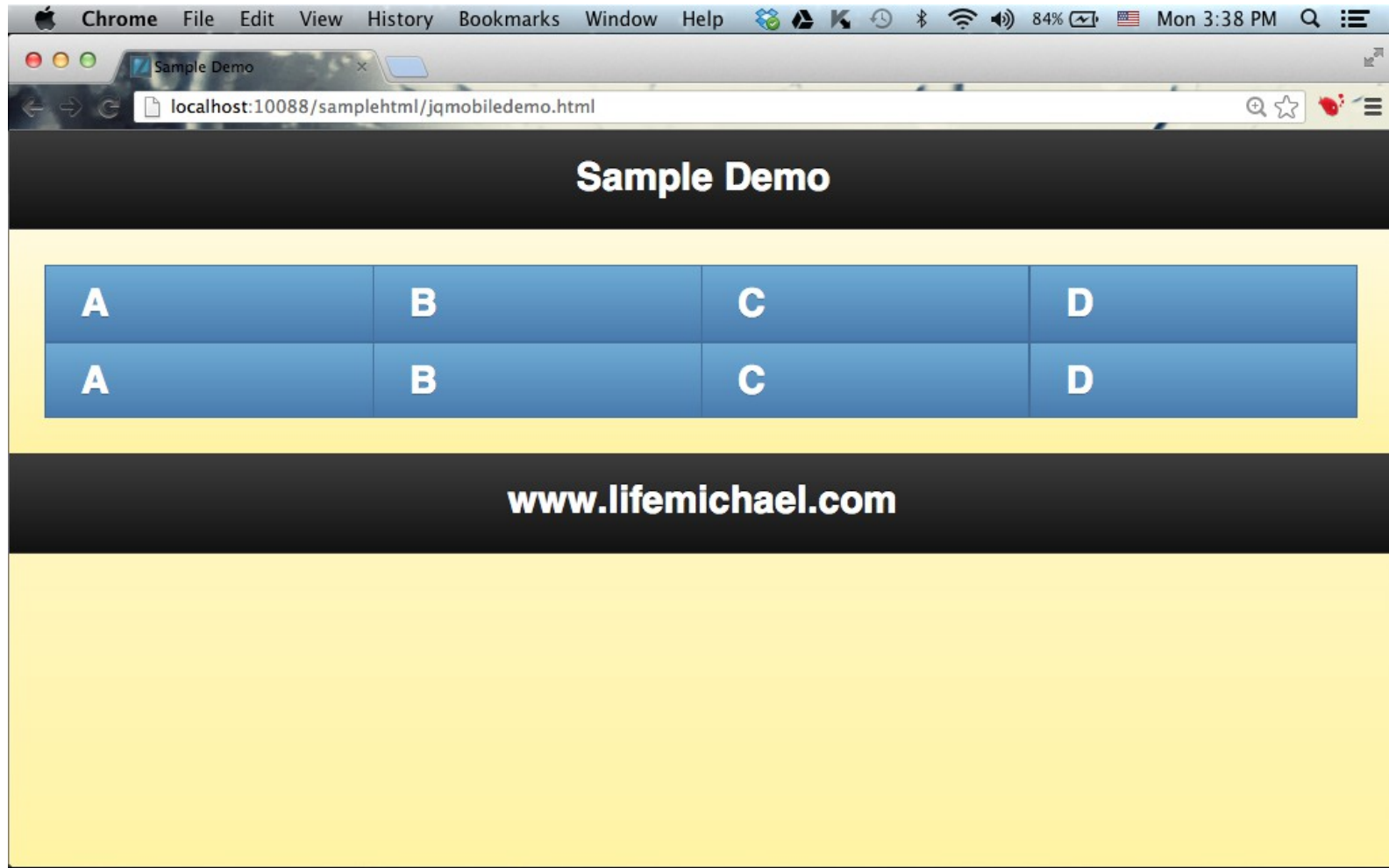
Grid Rows

```
<div data-role="content" data-theme="e">
  <div class="ui-grid-c">
    <div class="ui-block-a">
      <div class="ui-bar ui-bar-b">A</div>
    </div>
    <div class="ui-block-b">
      <div class="ui-bar ui-bar-b">B</div>
    </div>
    <div class="ui-block-c">
      <div class="ui-bar ui-bar-b">C</div>
    </div>
    <div class="ui-block-d">
      <div class="ui-bar ui-bar-b">D</div>
    </div>
  </div>
```

Grid Rows

```
<div class="ui-block-a">
  <div class="ui-bar ui-bar-b">A</div>
</div>
<div class="ui-block-b">
  <div class="ui-bar ui-bar-b">B</div>
</div>
<div class="ui-block-c">
  <div class="ui-bar ui-bar-b">C</div>
</div>
<div class="ui-block-d">
  <div class="ui-bar ui-bar-b">D</div>
</div>
</div>
</div>
<div data-role="footer">
  <h4>www.lifemichael.com</h4>
</div>
</div>
</body>
</html>
```

Grid Rows



Collapsible Content

- Adding the `data-role="collapsible"` attribute to a `div` container will turn it into a collapsible one.
- Within the container we should add a header element. The jQuery Mobile library will style the header to look like a clickable button.
- The `+` icon will be added to the left in order to indicate that it is expandable.

Collapsible Content

- Following the header we should add HTML markup to be the collapsible element.

```
<div data-role="collapsible">  
<h3>the title</h3>  
<p>bla bla bla... bla bla bla... bla bla bla... bla bla bla...  
bla bla bla... bla bla bla... bla bla bla... bla bla bla...  
bla bla bla... bla bla bla... bla bla bla... </p>  
</div>
```

Collapsible Content

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>

<body>
<div data-role="page" id="home">
<div data-role="header" data-position="fixed">
<h1>home title</h1>
</div>
```



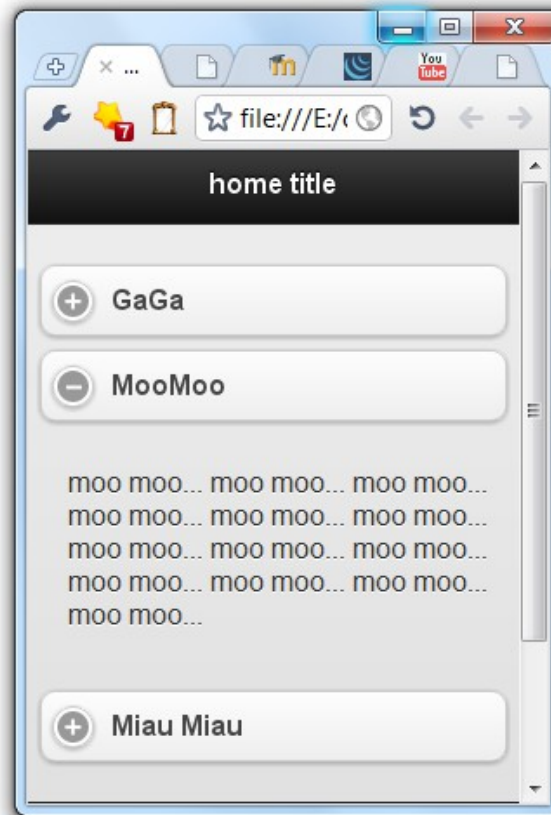
Collapsible Content

```
<div data-role="content">
<div data-role="collapsible">
<h3>GaGa</h3>
<p>ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... ga ga...
ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... </p>
</div>
<div data-role="collapsible">
<h3>MooMoo</h3>
<p>moo moo... moo moo... moo moo... moo moo... moo moo... moo moo... moo
moo... moo moo... moo moo... moo moo... moo moo... moo moo... moo moo...
</p>
</div>
<div data-role="collapsible">
<h3>Miau Miau</h3>
<p>miau miau... miau miau... miau miau... miau miau... miau miau... miau
miau... miau miau... miau miau... miau miau... miau miau... miau miau...
miau miau... </p>
</div>
</div>
```

Collapsible Content

```
<div data-role="footer" data-position="fixed">  
  <h3>abelski.com</h3>  
</div>  
</div>  
</div>  
  
</body>
```


Collapsible Content



Panels

- We create a new panel using a `div` element that includes the `data-role` attribute assigned with `"panel"`.
- The simplest way to allow the user to open the panel or to close it is by adding an `a` element with the `href` attribute assigned with the panel id.

Panels

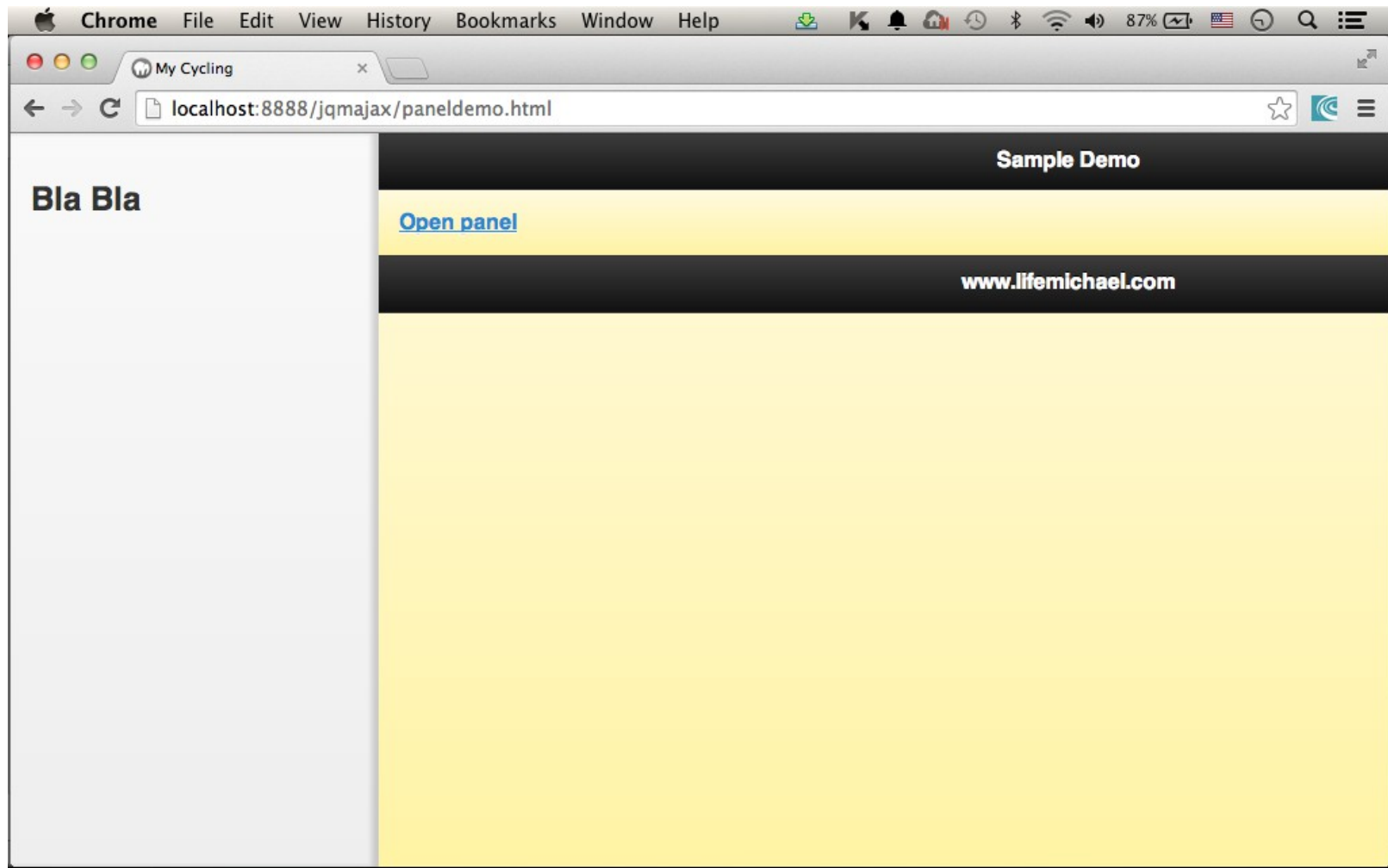
```
<!DOCTYPE html>
<html>
<head>
  <title>My Panel Demo</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Panels

```
<body>
<div data-role="page" id="home" data-theme="e">
  <div data-role="panel" id="mypanel">
    <h2>Bla Bla</h2>
  </div>
  <div data-role="header">
    <h1>Sample Demo</h1>
  </div>
  <div data-role="content" data-theme="e">
    <a href="#mypanel">Open panel</a>
  </div>
  <div data-role="footer">
    <h4>www.lifemichael.com</h4>
  </div>
</div>
</body>
</html>
```

Panels



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<div class="ui-block-b">lebanon</div>  
</div>
```

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Grid Columns

- For getting a grid of three columns we should add to our `div` container the `class="ui-grid-b"` attribute.

```
<div class="ui-grid-b">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-b">jordan</div>  
</div>
```

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Grid Columns

- For getting a grid of four columns we should add to our `div` container the `class="ui-grid-c"` attribute.

```
<div class="ui-grid-c">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-c">jordan</div>  
<div class="ui-block-d">russia</div>  
</div>
```

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Grid Columns

- For getting a grid of four columns we should add to our `div` container the `class="ui-grid-c"` attribute.

```
<div class="ui-grid-c">  
<div class="ui-block-a">israel</div>  
<div class="ui-block-b">lebanon</div>  
<div class="ui-block-c">jordan</div>  
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</div>
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Grid Rows

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    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
<body>
<div data-role="page" id="home" data-theme="e">
  <div data-role="header">
    <h1>Sample Demo</h1>
  </div>
```



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Grid Rows

```
<div data-role="content" data-theme="e">
  <div class="ui-grid-c">
    <div class="ui-block-a">
      <div class="ui-bar ui-bar-b">A</div>
    </div>
    <div class="ui-block-b">
      <div class="ui-bar ui-bar-b">B</div>
    </div>
    <div class="ui-block-c">
      <div class="ui-bar ui-bar-b">C</div>
    </div>
    <div class="ui-block-d">
      <div class="ui-bar ui-bar-b">D</div>
    </div>
  </div>
```

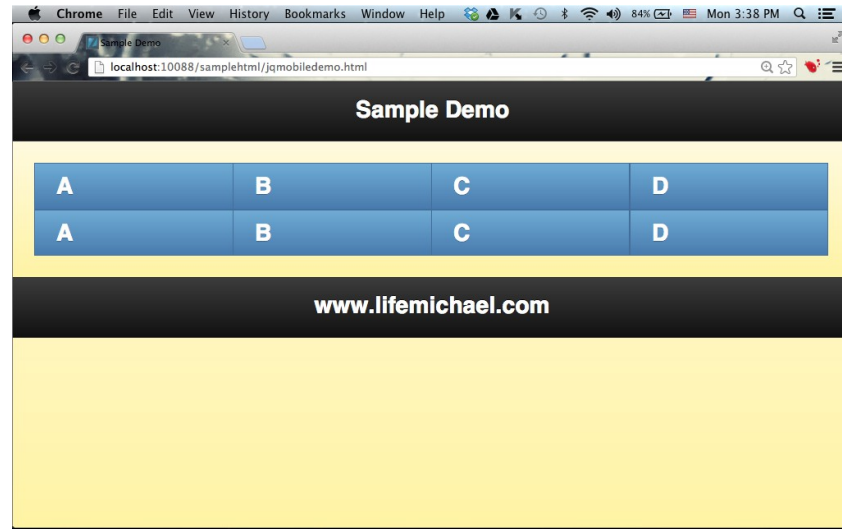
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Grid Rows

```
<div class="ui-block-a">
  <div class="ui-bar ui-bar-b">A</div>
</div>
<div class="ui-block-b">
  <div class="ui-bar ui-bar-b">B</div>
</div>
<div class="ui-block-c">
  <div class="ui-bar ui-bar-b">C</div>
</div>
<div class="ui-block-d">
  <div class="ui-bar ui-bar-b">D</div>
</div>
</div>
<div data-role="footer">
  <h4>www.lifemichael.com</h4>
</div>
</div>
</body>
</html>
```

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Grid Rows



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bla bla bla... bla bla bla... bla bla bla... bla bla bla...  
bla bla bla... bla bla bla... bla bla bla... </p>  
</div>
```

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Collapsible Content

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
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  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>

<body>
<div data-role="page" id="home">
<div data-role="header" data-position="fixed">
<h1>home title</h1>
</div>
```



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Collapsible Content

```
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<div data-role="collapsible">
<h3>GaGa</h3>
<p>ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... ga ga...
ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... ga ga... </p>
</div>
<div data-role="collapsible">
<h3>MooMoo</h3>
<p>moo moo... moo moo... moo moo... moo moo... moo moo... moo moo... moo
moo... moo moo... moo moo... moo moo... moo moo... moo moo... moo moo...
</p>
</div>
<div data-role="collapsible">
<h3>Miau Miau</h3>
<p>miau miau... miau miau... miau miau... miau miau... miau miau... miau
miau... miau miau... miau miau... miau miau... miau miau... miau miau...
miau miau... </p>
</div>
</div>
```

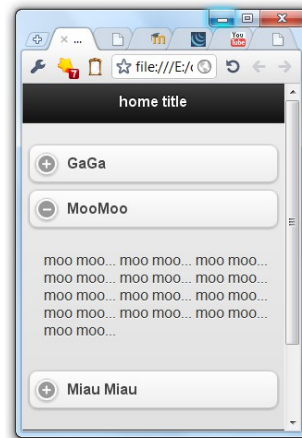
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Collapsible Content

```
<div data-role="footer" data-position="fixed">  
  <h3>abelski.com</h3>  
</div>  
</div>  
</div>  
  
</body>
```

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Collapsible Content



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  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



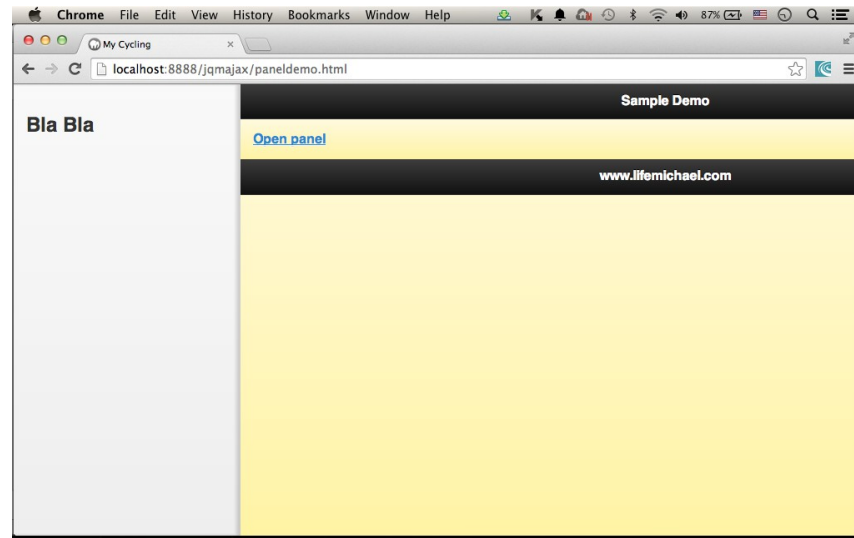
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Panels

```
<body>
<div data-role="page" id="home" data-theme="e">
  <div data-role="panel" id="mypanel">
    <h2>Bla Bla</h2>
  </div>
  <div data-role="header">
    <h1>Sample Demo</h1>
  </div>
  <div data-role="content" data-theme="e">
    <a href="#mypanel">Open panel</a>
  </div>
  <div data-role="footer">
    <h4>www.lifemichael.com</h4>
  </div>
</div>
</body>
</html>
```

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Panels



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