

Sql server, .net and c# video tutorial

Free C#, .Net and Sql server video tutorial for beginners and intermediate programmers.

Bootstrap accordion with arrows

Suggested Video Tutorials

Part 36 - Bootstrap media object

Part 37 - Bootstrap collapse plugin

Part 38 - Bootstrap accordion

In this video we will discuss **creating an accordion with arrows using bootstrap**. This is continuation to [Part 38](#). Please watch [Part 38](#) from Bootstrap tutorial before proceeding.

When an accordion panel is expanded, an arrow pointing upwards should be displayed indicating that if we click again the panel will collapse. Along the same lines, a downward pointing arrow should be displayed when the panel is collapsed, indicating that panel will be expanded if we click on it again. We will be using the Bootstrap Glyphicons to achieve this.

^ Desert



▽ Penguins

▽ Jellyfish

```
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Bootstrap tutorial for beginners</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <br />
  <div class="container">
    <div class="row">
      <div class="col-xs-6">

        <div id="accordion" class="panel-group">
          <div class="panel panel-primary">
            <div class="panel-heading">
              <h4 class="panel-title">
                <a href="#panelBodyOne" data-toggle="collapse"
                  data-parent="#accordion">
                  <span class="glyphicon glyphicon-menu-up"></span>
                  Desert
                </a>
              </h4>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

```
</div>
<div id="panelBodyOne" class="panel-collapse collapse in">
  <div class="panel-body">
    
    </div>
  </div>
</div>
<div class="panel panel-primary">
  <div class="panel-heading">
    <h4 class="panel-title">
      <a href="#panelBodyTwo" data-toggle="collapse"
        data-parent="#accordion">
        <span class="glyphicon glyphicon-menu-down"></span>
        Penguins
      </a>
    </h4>
  </div>
  <div id="panelBodyTwo" class="panel-collapse collapse">
    <div class="panel-body">
      
    </div>
  </div>
</div>
<div class="panel panel-primary">
  <div class="panel-heading">
    <h4 class="panel-title">
      <a href="#panelBodyThree" data-toggle="collapse"
        data-parent="#accordion">
        <span class="glyphicon glyphicon-menu-down"></span>
        Jellyfish
      </a>
    </h4>
  </div>
  <div id="panelBodyThree" class="panel-collapse collapse">
    <div class="panel-body">
      
    </div>
  </div>
</div>
</div>
</div>
</div>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js">
</script>
<script src="bootstrap/js/bootstrap.min.js"></script>
```

```

<script type="text/javascript">
$(document).ready(function () {
    $('<strong>.collapse</strong>').on('shown.bs.collapse', function () {
        $(this).parent().find('<strong>.glyphicon-menu-down</strong>')
            .removeClass('glyphicon-menu-down')
            .addClass('glyphicon-menu-up');
    }).on('hidden.bs.collapse', function () {
        $(this).parent().find("<strong>.glyphicon-menu-up</strong>")
            .removeClass("<strong>.glyphicon-menu-up</strong>")
            .addClass("<strong>.glyphicon-menu-down</strong>");
    });
});
</script>
</body>
</html>

```

If you want plus and minus icons instead of UP and DOWN arrows, replace the span elements with glyphicon-minus-sign and glyphicon-plus-sign

```

<strong>span class="glyphicon glyphicon-minus-sign"</strong></strong>
<strong>span class="glyphicon glyphicon-plus-sign"</strong></strong>

```

We also need to change the jQuery code as shown below

```

<strong>script type="text/javascript"</strong>
$(document).ready(function () {
    $('<strong>.collapse</strong>').on('shown.bs.collapse', function () {
        $(this).parent().find('<strong>.glyphicon-plus-sign</strong>')
            .removeClass('glyphicon-plus-sign')
            .addClass('glyphicon-minus-sign');
    }).on('hidden.bs.collapse', function () {
        $(this).parent().find("<strong>.glyphicon-minus-sign</strong>")
            .removeClass("<strong>.glyphicon-minus-sign</strong>")
            .addClass("<strong>.glyphicon-plus-sign</strong>");
    });
});
</script>

```

With the above 2 simple changes, the accordion looks as shown below.

⊖ Desert



+ Penguins

+ Jellyfish

Expanding and collapsing all the panels on click of a button

Expand All

Collapse All

☐ Desert



⊕ Penguins

⊕ Jellyfish

```
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Bootstrap tutorial for beginners</title>
  <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <br />
  <div class="container">
    <div class="row">
      <div class="col-xs-6">

        <div class="well">
          <button class="btn btn-primary" id="btnExpandAll">
            Expand All
          </button>
          <button class="btn btn-primary" id="btnCollapseAll">
```



```
Collapse All
</button>
</div>

<div id="accordion" class="panel-group">
  <div class="panel panel-primary">
    <div class="panel-heading">
      <h4 class="panel-title">
        <a href="#panelBodyOne" data-toggle="collapse"
          data-parent="#accordion">
          <span class="glyphicon glyphicon-minus-sign"></span>
          Desert
        </a>
      </h4>
    </div>
    <div id="panelBodyOne" class="panel-collapse collapse in">
      <div class="panel-body">
        
      </div>
    </div>
  </div>
  <div class="panel panel-primary">
    <div class="panel-heading">
      <h4 class="panel-title">
        <a href="#panelBodyTwo" data-toggle="collapse"
          data-parent="#accordion">
          <span class="glyphicon glyphicon-plus-sign"></span>
          Penguins
        </a>
      </h4>
    </div>
    <div id="panelBodyTwo" class="panel-collapse collapse">
      <div class="panel-body">
        
      </div>
    </div>
  </div>
  <div class="panel panel-primary">
    <div class="panel-heading">
      <h4 class="panel-title">
        <a href="#panelBodyThree" data-toggle="collapse"
          data-parent="#accordion">
          <span class="glyphicon glyphicon-plus-sign"></span>
          Jellyfish
        </a>
      </h4>
    </div>
    <div id="panelBodyThree" class="panel-collapse collapse">
      <div class="panel-body">
        
```

```

        alt="jellyfish" />
    </div>
</div>
</div>
</div>

</div>
</div>
</div>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js">
</script>
<script src="bootstrap/js/bootstrap.min.js"></script>

<script type="text/javascript">
    $('.collapse').on('shown.bs.collapse', function () {
        $(this).parent().find('.glyphicon-plus-sign')
            .removeClass('glyphicon-plus-sign')
            .addClass('glyphicon-minus-sign');
    }).on('hidden.bs.collapse', function () {
        $(this).parent().find(".glyphicon-minus-sign")
            .removeClass("glyphicon-minus-sign")
            .addClass("glyphicon-plus-sign");
    });

    $('#btnExpandAll').click(function () {
        $('.panel-collapse.collapse').collapse('show');
    });

    $('#btnCollapseAll').click(function () {
        $('.panel-collapse.collapse.in').collapse('hide');
    });
</script>
</body>
</html>

```

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