## 1.HTML元素塌陷问题解决方案

### 问题描述

当父元素只包含了浮动元素且父元素未设置高度的时候，父元素高度塌缩为零。

### 解决方案

1.创建一个用来清除浮动的css样式类（.clearfix）

2.针对包裹的全是浮动元素的父级容器使用

3代码实现

a.HTML代码

<div id="mod\_container" class="clearfix">

      <div id="sliderBannerWrapper">BannerWrapper</div>

      <div id="sliderRecommendWrapper">RecommendWrapper</div>

</div>

b.CSS代码

<style>

#mod\_container{

    border: 10px solid #AA00BB;

 }

#sliderBannerWrapper{

    width: 400px;

    height: 470px;

    float: left;

    background-color: #ADFF2F;

}

#sliderRecommendWrapper{

    width: 194px;

    height: 470px;

    float: left;

    background-color:#A6C6FF;

 }

 clearfix{zoom:1}

.clearfix:after{

    content:".";

    display:block;

    visibility:hidden;

    height:0;

    clear:both;

 }

</style>

4.相关属性说明

<style>

    clearfix{zoom:1}*/\*IE浏览器的专用属性(针对IE)\*/*

    .clearfix:after{*/\*伪对象选择符 (在这个对象被浏览器渲染后添加一定的内容）\*/*

          content:".";*/\*添加内容写在这里的属性值 这个属性是专门配合伪类对象,必须写;\*/*

          display:block;*/\*将添加的内容转换为块级元素\*/*

          visibility:hidden;*/\*可视化属性；控制元素是否可见;无论是否可见，保留物理空间；和display属性不同;\*/*

          height:0;*/\*将添加进去的内容的高度设置为0；消除其占位；\*/*

          clear:both;*/\*将添加去的内容作为清除浮动的对象，实现外围对象中有内容存在，因此可以自动判断高度; \*/*

         }

</style>

## 2.HTML对Checkbox操作

### 1.Jqueyr对checkbox的操作

1.如何选择checkbox:使用selector.prop("checked","checked")

2.判断checkbox是否选中:selector.is(':checked')

3.获取checkbox选项的个数:selector.length;

4.获取勾选的checkbox选项个数:$("selector:checked").length;

5.获取未勾选的checkbox选项个数:$("selector:not(:checked)").length;

6.默认勾选：添加属性：checked="checked"

7.正常能勾选的checkbox:$("selector:not(:disabled)");

### 2.默认样式

<script>

   $(function(){

*//全选/取消全选*

    $(".default-checkbox .checkbox.all").click(function(){

     var checked = $(this).is(':checked');

     $(".default-checkbox .checkbox").length;

     if(checked){

      $(".default-checkbox .checkbox:not(:disabled)").prop("checked","checked");

     }else{

      $(".default-checkbox .checkbox").prop("checked","");

     }

    });

    $(".default-checkbox .btn-chcked").click(function(){

     var arr = new Array();

     $(".default-checkbox .checkbox:checked").each(function(){

      arr.push($(this).val());

     })

          console.log(arr);

       })

    $(".default-checkbox .btn-unchecked").click(function(){

     var arr = new Array();

     $(".default-checkbox .checkbox:not(:checked)").each(function(){

      arr.push($(this).val());

     })

          console.log(arr);

       })

   });

  </script>

<h2>默认样式</h2>

   <input type="button" value="获取勾选的值" class="btn-chcked button--plain"/>

   <input type="button" value="获取未勾选的值" class="btn-unchecked button--plain" />

  <div class="default">

    <div class="default-checkbox" >

   <input type="checkbox" value="" class="checkbox all"/>全选/取消全选

   <input type="checkbox" value="travel" class="checkbox" checked="checked"/>旅行

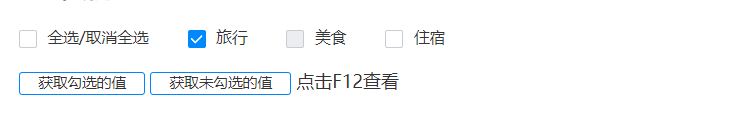
   <input type="checkbox" value="food" class="checkbox"/ disabled="disabled">美食

   <input type="checkbox" value="hotel" class="checkbox"/>住宿

    </div>

  </div>

### 3.自定义样式



<style>

   .desktop-form-check-label{

    display: inline-block;

       vertical-align: middle;

       cursor: pointer;

       margin-right: 30px;

       margin-bottom: 16px;

       font: inherit;

       font-size: 14px;

       color: #353537;

       font-weight: 500;

   }

   .desktop-form-checkbox{

    position: absolute;

    left: -9999em;

   }

   .desktop-form-checkbox:checked+.desktop-icon-checkbox:before {

       content: " ";

       width: 8px;

       height: 4px;

       border-left: 2px solid #fff;

       border-bottom: 2px solid #fff;

       border-radius: 1px;

       display: inline-block;

       vertical-align: 8px;

       margin-top: 3px;

       transform: matrix(0.71,-0.71,0.71,0.71,0,0);

       -ms-transform: matrix(0.71,-0.71,0.71,0.71,0,0);

       -webkit-transform: matrix(0.71,-0.71,0.71,0.71,0,0);

   }

   .desktop-form-checkbox:checked+.desktop-icon-checkbox{

    border: 1px solid #0088FF;

    background-color: #0088FF;

   }

   .desktop-form-checkbox:disabled+.desktop-icon-checkbox {

                background-color: #EBEDEF;

            }

   .desktop-icon-checkbox{

    display: inline-block;

    vertical-align: middle;

    width: 16px;

    height: 16px;

    margin-right: 5px;

    border: 1px solid #C9CDD3;

    box-sizing: border-box;

    overflow: hidden;

    background-color: #fff;

    font-size: 0;

    text-align: center;

    border-radius: 2px;

   }

   .desktop-form-check-content{

   }

  </style>

  <script>

   $(function(){

    $(".user-defined-css .desktop-form-check-label .checked-all").click(function(){

     var check = $(this).is(":checked");

     if(check){

     $(".user-defined-css .desktop-form-check-label .desktop-form-checkbox:not(:disabled)").prop("checked","checked");

     }else{

     $(".user-defined-css .desktop-form-check-label .desktop-form-checkbox").prop("checked","");

     }

       });

    $(".user-defined-css .btn-chcked").click(function(){

     var arr = new Array();

     $(".user-defined-css .desktop-form-checkbox:checked:not(:first)").each(function(){

      arr.push($(this).val());

     })

          console.log(arr);

       })

    $(".user-defined-css .btn-unchecked").click(function(){

     var arr = new Array();

     $(".user-defined-css .desktop-form-checkbox:not(:checked):not(:first)").each(function(){

      arr.push($(this).val());

     })

          console.log(arr);

      })

   });

  </script>

<div class="user-defined-css">

   <input type="button" value="获取勾选的值" class="btn-chcked"/>

   <input type="button" value="获取未勾选的值" class="btn-unchecked" />

   <div class="article-tags">

    <label class="desktop-form-check-label">

      <input type="checkbox" class="desktop-form-checkbox checked-all" value="">

      <i class="desktop-icon-checkbox"></i>

      <span class="desktop-form-check-content">全选/取消全选</span>

    </label>

    <label class="desktop-form-check-label">

      <input type="checkbox" class="desktop-form-checkbox" value="travel" checked="checked">

      <i class="desktop-icon-checkbox"></i>

      <span class="desktop-form-check-content">旅行</span>

    </label>

    <label class="desktop-form-check-label">

      <input type="checkbox" class="desktop-form-checkbox" value="food" disabled="disabled">

      <i class="desktop-icon-checkbox"></i>

      <span class="desktop-form-check-content">美食</span>

    </label>

    <label class="desktop-form-check-label">

      <input type="checkbox" class="desktop-form-checkbox" value="hotel">

      <i class="desktop-icon-checkbox"></i>

      <span class="desktop-form-check-content">住宿</span>

    </label>

   </div>

  </div>