## jsp页面实现

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1. 导入c:Foreach包

<%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>

1. 导入bootstrap jquery datatable

<link href=*"jules/css/bootstrap.min14ed.css?v=3.3.6"* rel=*"stylesheet"*>

<link href=*"http://cdn.datatables.net/1.10.15/css/jquery.dataTables.min.css"* rel=*"stylesheet"*>

<script

src=*"https://cdn.bootcss.com/bootstrap/3.3.7/js/bootstrap.min.js"*></script>

<script

src=*"http://cdn.datatables.net/1.10.15/js/jquery.dataTables.min.js"*></script>

1. 导入动画效果的包

<link href=*"jules/css/animate.min.css"* rel=*"stylesheet"*>

1. 导入字体包

<link href=*"jules/css/font-awesome.min93e3.css?v=4.4.0"* rel=*"stylesheet"*>

1. 构建一个灰色背景

<body class=*"gray-bg"*></body>

1. 书写导航栏

|  |
| --- |
| <div style="margin-left:*20px*;margin-top:*20px*;">  <table class=*"table table-bordered"*  style="width:*auto*;height:*auto*;margin:*0 auto*">  <tr>  <th>学院</th>  <td><select class=*"form-control"* id=*"aaa"*  onChange="changeCla()">  <c:forEach items=*"*${xueyuanlist}*"* var=*"res"*>  <option value=*"*${res.id }*"*>${res.SCollege }</option>  <option value=*"2"*>${res.SCollege }</option>  </c:forEach>  </select></td>  <th>专业</th>  <td><select class=*"form-control"* id=*"zhuanye"*  onChange="changezhaunye()">  <option value=*"all"*>所有专业</option>  </select></td>  <th>班级</th>  <td><select class=*"form-control"* id=*"banji"*>  <option value=*"all"*>所有班級</option>  </select></td>  <td><button class=*"btn btn-success"* id=*"search"*>查找</button></td>  </tr>  </table>  </div> |

1. 导航栏说明

|  |
| --- |
| 给学院 专业的select添加了onchange().  目的：专业要随着学院改变而改变 班级要随着专业改变而改变 |

1. onchange的两个方法的实现

|  |
| --- |
| **function** changeCla() {  console.log($("#aaa").find("option:selected").text());  <c:forEach items="${zhuanyelist}" **var**="res">  $('#zhuanye').append(  "<option value='${res.id }'>${res.SProfession }</option>");  </c:forEach>  }  **function** changezhaunye() {  <c:forEach items="${banjilist}" **var**="res">  <c:forEach items="${banjilist}" **var**="res">  $('#banji').append(  "<option value='${res.id }'>${res.SClass }</option>");  </c:forEach>  </c:forEach>  } |

1. 给select赋值数据

|  |
| --- |
| 新建类action.java,定义变量，并生成get set方法  **private** List<Student> xueyuanlist=**new** ArrayList<Student>();  **private** List<Student> zhuanyelist=**new** ArrayList<Student>();  **private** List<Student> banjilist=**new** ArrayList<Student>();  赋值数据  xueyuanlist=studentdao.allStudentGrade();  zhuanyelist=studentdao.allStudentProfession();  banjilist=studentdao.allStudentClass(); |

1. 效果



1. 学生信息的显示

|  |
| --- |
| <table id=*"example"* class=*"table table-bordered"* style="width:*100%*">  <tbody>  <thead>  <tr>  <th>学号</th>  <th>姓名</th>  <th>性别</th>  <th>学校</th>  <th>学院</th>  <th>年级</th>  <th>专业</th>  <th>班级</th>  <th>班级性质</th>  <th>导师</th>  </tr>  </thead>  </tbody>  </table> |

1. 给table添加数据

|  |
| --- |
| $(**function**() {  $('#example').DataTable({  serviceSize : **true**,  ajax : {  url : 'information.action',  },  columns : [ {  "data" : "one"  }, {  "data" : "two"  }, {  "data" : "three",  render : **function**(data, type, full, callback) {  **switch** (data) {  **case true**:  **return** "女";  **break**;  **case false**:  **return** "男";  **break**;  **case** "1":  **return** "男";  **break**;  **default**:  **return** "";  **break**;  }  }  }, {  "data" : "four"  }, {  "data" : "five"  }, {  "data" : "six"  }, {  "data" : "seven"  }, {  "data" : "eight"  }, {  "data" : "nine"  }, {  "data" : "ten"  }, ]  });  }); |

1. 在struts添加information.action

|  |
| --- |
| <package name=*"web"* extends=*"json-default"*>  <action name=*"information"* class=*"action"* method=*"findAll"*>  <result type=*"json"* name=*"success"*>  <param name=*"root"*>s</param>  </result>  </action>  </package>  注意：package的name要写成 name=”web” extends=”json-default” |

1. 在action添加findAll方法

|  |
| --- |
| **public** String findAll(){    System.*out*.println(xueyuanlist.size());  List<Map<String,Object>> listM=**new** ArrayList<Map<String, Object>>();  List<Student> lists=studentdao.findAllStudent();  **for**(Student s:lists){  Map<String,Object> map=**new** HashMap<String , Object>();  map.put("one",s.getId().getSStudentId());  map.put("two",s.getSName());  map.put("three",s.getSSex());  map.put("four", s.getSSchool());  map.put("five", s.getSCollege());    map.put("six",s.getSGrade());  map.put("seven",s.getSProfession());  map.put("eight",s.getSClass());  map.put("nine", s.getSClasstype());  map.put("ten",s.getSTutor());  listM.add(map);  }  s = JSONTools.*createJsonObject*("data", listM);  **return** "success";  } |

1. 这里需要写一个将数据转换成json方法的类JSONTools.jsva

|  |
| --- |
| **public** **static** JSONObject createJsonObject(String key,Object value) {  JSONObject jsonObject=**new** JSONObject();  // System.out.println("java代码封装为json字符串");  jsonObject.put(key, value);  **return** jsonObject;  } |

1. 效果



1. 实现查找效果

|  |
| --- |
| $("#search").click(**function**() {  **var** url = "information";  $('#example').DataTable().ajax.url(encodeURI(url)).load()  });  //example是table的id |

1. 实现选中datatable行的效果

|  |
| --- |
| $('#example tbody').on('click', 'tr', **function**() {  $(**this**).addClass('selected');  }); |



1. 全部jsp代码

|  |
| --- |
| <%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>  <%@ taglib uri=*"http://java.sun.com/jsp/jstl/core"* prefix=*"c"*%>  <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">  <html>  <head>  <!-- 新 Bootstrap4 核心 CSS 文件 -->  <link rel=*"stylesheet"* href=*"https://cdn.bootcss.com/bootstrap/4.1.0/css/bootstrap.min.css"*>    <!-- jQuery文件。务必在bootstrap.min.js 之前引入 -->  <script src=*"https://cdn.bootcss.com/jquery/3.2.1/jquery.min.js"*></script>    <!-- popper.min.js 用于弹窗、提示、下拉菜单 -->  <script src=*"https://cdn.bootcss.com/popper.js/1.12.5/umd/popper.min.js"*></script>    <!-- 最新的 Bootstrap4 核心 JavaScript 文件 -->  <script src=*"https://cdn.bootcss.com/bootstrap/4.1.0/js/bootstrap.min.js"*></script>    <link href=*"jules/css/font-awesome.min93e3.css?v=4.4.0"* rel=*"stylesheet"*>  <link href=*"jules/css/animate.min.css"* rel=*"stylesheet"*>  <link href=*"jules/css/style.min862f.css?v=4.1.0"* rel=*"stylesheet"*>  <link href=*"jules/css/dataTables.bootstrap.css"* rel=*"stylesheet"*>  <link href=*"http://cdn.datatables.net/1.10.15/css/jquery.dataTables.min.css"* rel=*"stylesheet"*>  <script  src=*"http://cdn.datatables.net/1.10.15/js/jquery.dataTables.min.js"*></script>  <style>  *.selectedd* {  background:*#ABABAB*;  cursor: *pointer*;  }  </style>  </head>  <body class=*"gray-bg"*>  <div class=*"container-fluid"*>  <a href=*"studentt.action"* id=*"aa"* style="display:*none*">dianji</a>  <div style="margin-left:*20px*;margin-top:*20px*;">  <table class=*"table table-bordered"*  style="width:*auto*;height:*auto*;margin:*0 auto*">  <tr>  <th>学院</th>  <td><select class=*"form-control"* id=*"aaa"*  onChange="changeCla()">  <c:forEach items=*"*${xueyuanlist}*"* var=*"res"*>  <option value=*"*${res.id }*"*>${res.SCollege }</option>  <option value=*"2"*>${res.SCollege }</option>  </c:forEach>  </select></td>  <th>专业</th>  <td><select class=*"form-control"* id=*"zhuanye"*  onChange="changezhaunye()">  <option value=*"all"*>所有专业</option>  </select></td>  <th>班级</th>  <td><select class=*"form-control"* id=*"banji"*>  <option value=*"all"*>所有班級</option>  </select></td>  <td><button class=*"btn btn-success"* id=*"search"*>查找</button></td>  </tr>  </table>  </div>  <div style="padding:*3px*"> <div class=*"tabs-container"*>  <ul class=*"nav nav-tabs"* role=*"tablist"*>  <li><a data-toggle=*"tab"* href=*"#student1"*>学生列表</a></li>  </ul>  <div class=*"tab-content"* style="padding:*20px*">  <div class=*"tab-pane fade in active"* id=*"student1"*>  <table id=*"example"* class=*"table table-bordered"* style="width:*100%*">  <tbody>  <thead>  <tr>  <th>学号</th>  <th>姓名</th>  <th>性别</th>  <th>学校</th>  <th>学院</th>  <th>年级</th>  <th>专业</th>  <th>班级</th>  <th>班级性质</th>  <th>导师</th>    </tr>  </thead>  </tbody>  </table>  </div>  </div>  </div>  </div>  </div>  </div>  <script type=*"text/javascript"*>  **function** changeCla() {  console.log($("#aaa").find("option:selected").text());  <c:forEach items="${zhuanyelist}" **var**="res">  $('#zhuanye').append(  "<option value='${res.id }'>${res.SProfession }</option>");  </c:forEach>  }  **function** changezhaunye() {  <c:forEach items="${banjilist}" **var**="res">  <c:forEach items="${banjilist}" **var**="res">  $('#banji').append(  "<option value='${res.id }'>${res.SClass }</option>");  </c:forEach>  </c:forEach>  }  **function** d() {  }  $(**function**() {  $('#aa').click();  $('#example').DataTable({  serviceSize : **true**,  ajax : {  url : 'jj.json',  },  columns : [ {  "data" : "one"  }, {  "data" : "two"  }, {  "data" : "three",  render : **function**(data, type, full, callback) {  **switch** (data) {  **case true**:  **return** "女";  **break**;  **case false**:  **return** "男";  **break**;  **case** "1":  **return** "男";  **break**;  **default**:  **return** "";  **break**;  }  }  }, {  "data" : "four"  }, {  "data" : "five"  }, {  "data" : "six"  }, {  "data" : "seven"  }, {  "data" : "eight"  }, {  "data" : "nine"  }, {  "data" : "ten"  }, ]  });  $('#example tbody').on('click', 'tr', **function**() {  $(**this**).addClass('selected');  });  $("#search").click(**function**() {  **var** url = "information";  $('#example').DataTable().ajax.url(encodeURI(url)).load()  });  });  </script>  </body>  </html> |