form表单:(index.jsp)

1.单选框,多选框(*多选框比较特殊,通过getParameterValues获取*)-符串的数组,下拉框,文本域

2.上传文件:a.文件上上传必须使用post,表单支持文件上传

b.   application/x-www-form-urlencoded:默认值

multipart/form-data:数据和文件分不同格式存放,数据格式a=b&c=d&.....,文件格式为二进制

c.在`sevlet`中获取,可以获取文件的相关信息,可以把文件存到指定位置(获取项目的真实路径)

```java
1  //获取临时文件
2  Part part = request.getPart("img");
3  //文件的相关信息
4  String name = part.getSubmittedFileName();
5  System.out.println("name = " + name);
6  long size = part.getSize();
7  System.out.println("size = " + size);
8
9  //把文件存到指定位置
10 //获取项目运行的真实路径
11 String path = getServletContext().getRealPath("/upload");
12 System.out.println("path = " + path);
13
14 File dir=new File(path);
15 if (!dir.exists()){
16  dir.mkdir();
17 }
18 part.write(path+File.separator+name);
```

```jsp
1  <form action="${pageContext.request.contextPath}/hello" method="post" enctype="multipart/form-data">
2  <%--文本--%>
3  <input type="text" name="a" value="你好"/><br>
4  <input type="radio" name="gender" value="女">男
```

```
5   <input type="radio" name="gender" value="男">女

6   <br>

7

8   <input type="checkbox" name="language" value="java" checked>java

9   <input type="checkbox" name="language" value="PHP">PHP

10  <input type="checkbox" name="language" value="C">C

11  <br>

12

13  <select name="city">

14  <option value="bj">北京</option>

15  <option value="sh">上海</option>

16  </select>

17  <br>

18

19  <%--文本域--%>

20  <textarea name="note" cols="30" rows="10"></textarea>

21

22  <input type="hidden" value="hide" name="私密文档">

23

24  <%--只能选图片--%>

25  <%--文件上上传必须使用post,表单支持文件上传--%>

26

27  <input type="file" name="img" accept="image/*">

28

29  <input type="submit">

30

31  </form>
```

在sevlet中接受数据

get请求中:(*@WebServlet(name = "HelloServlet",urlPatterns = "/hello")***)**

```
1   String a=request.getParameter("a");

2

3   System.out.println("a = " + a);

4   //设置返回格式

5   response.setContentType("text/html;charset=utf-8");

6   //设置编码格式

7   response.setCharacterEncoding("utf-8");

8   PrintWriter writer = response.getWriter();

9   writer.write("<h1>佩奇</h1>");
```

```java
10
11    String gender = request.getParameter("gender");
12    System.out.println("gender = " + gender);
13
14    //多选框比较特殊getParameterValues
15    String[] languages = request.getParameterValues("language");
16    System.out.println("languages = " + languages);
17
18    String city = request.getParameter("city");
19    System.out.println("city = " + city);
20
21    String note = request.getParameter("note");
22    System.out.println("note = " + note);
23
24    //获取临时文件
25    Part part = request.getPart("img");
26    //文件的相关信息
27    String name = part.getSubmittedFileName();
28    System.out.println("name = " + name);
29    long size = part.getSize();
30    System.out.println("size = " + size);
31
32    //把文件存到指定位置
33    //获取项目运行的真实路径
34    String path = getServletContext().getRealPath("/upload");
35    System.out.println("path = " + path);
36
37    File dir=new File(path);
38    if (!dir.exists()){
39    dir.mkdir();
40    }
41    part.write(path+File.separator+name);
42
43    //part.write();
```