

```
1 package com.myspring.pro28.ex01;
2
3 import java.io.File;
4 import java.util.ArrayList;
5 import java.util.Enumeration;
6 import java.util.HashMap;
7 import java.util.Iterator;
8 import java.util.List;
9 import java.util.Map;
10
11 import javax.servlet.http.HttpServletResponse;
12
13 import org.springframework.stereotype.Controller;
14 import org.springframework.web.bind.annotation.RequestMapping;
15 import org.springframework.web.bind.annotation.RequestMethod;
16 import org.springframework.web.multipart.MultipartFile;
17 import org.springframework.web.multipart.MultipartHttpServletRequest;
18 import org.springframework.web.servlet.ModelAndView;
19
20
21 /*@Controller*/
22 public class FileUploadController {
23     private static final String CURR_IMAGE_REPO_PATH = "c:\\spri
24     @RequestMapping(value="/form")
25     public String form() {
26         return "uploadForm";
27     }
28
29     @RequestMapping(value="/upload",method = RequestMethod.POST)
30     public ModelAndView upload(MultipartHttpServletRequest multi
31         throws Exception{
32         multipartRequest.setCharacterEncoding("utf-8");
33         Map map = new HashMap();
34         Enumeration enu=multipartRequest.getParameterNames();
35         while(enu.hasMoreElements()){
36             String name=(String)enu.nextElement();
37             String value=multipartRequest.getParameter(name);
38             //System.out.println(name+", "+value);
39             map.put(name,value);
40         }
41
```

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42         List fileList= fileProcess(multipartRequest);
43         map.put("fileList", fileList);
44         ModelAndView mav = new ModelAndView();
45         mav.addObject("map", map);
46         mav.setViewName("result");
47         return mav;
48     }
49
50     private List<String> fileProcess(MultipartHttpServletRequest
51         List<String> fileList= new ArrayList<String>();
52         Iterator<String> fileNames = multipartRequest.getFileNames();
53         while(fileNames.hasNext()){
54             String fileName = fileNames.next();
55             MultipartFile mFile = multipartRequest.getFile(fileName);
56             String originalFileName=mFile.getOriginalFilename();
57             fileList.add(originalFileName);
58             File file = new File(CURR_IMAGE_REPO_PATH + "\\\" + originalFileName);
59             if(mFile.getSize()!=0){ //File Null Check
60                 if(! file.exists()){ //경로상에 파일이 존재하지 않을 경우
61                     if(file.getParentFile().mkdirs()){ //경로에 하위 디렉토리 생성
62                         file.createNewFile(); //이후 파일 생성
63                     }
64                 }
65                 mFile.transferTo(new File(CURR_IMAGE_REPO_PATH + originalFileName));
66             }
67         }
68         return fileList;
69     }
70 }
71
```