

Spring Day 5

File Upload

pom.xml 의존성 주입

```
<!-- commons-fileupload -->
<dependency>
  <groupId>commons-fileupload</groupId>
  <artifactId>commons-fileupload</artifactId>
  <version>1.5</version>
</dependency>

<!-- commons-io -->
<dependency>
  <groupId>commons-io</groupId>
  <artifactId>commons-io</artifactId>
  <version>2.11.0</version>
</dependency>
```

servlet-context.xml

```
<beans:bean id="multipartResolver" class="org.springframework.web.multipart.commons.CommonsMultipartResolver">
  <beans:property name="maxUploadSize" value="10240000"/>
</beans:bean>
```

jsp

```
<form:form modelAttribute="NewCar"
  action="./add?${_csrf.parameterName }=${_csrf.token }"
  class="form-horizontal" enctype="multipart/form-data">
  <fieldset>
    <legend>${addTitle}</legend>
    자동차 ID :
    <form:input path="cid" class="form-control" />
    자동차 이름 :
    <form:input path="cname" class="form-control" />
    자동차 가격 :
    <form:input path="cprice" class="form-control" />
    자동차 카테고리 :
    <form:input path="ccate" class="form-control" />
    자동차 소개 :
    <form:textarea path="cdesc" cols="50" rows="2" class="form-control" />
    자동차 사진 :
    <form:input path="cimage" type="file" class="form-control" />
    <input type="submit" class="btn btn-primary" value="등록" />
  </fieldset>
</form:form>
```

controller

```
@PostMapping("/admin/add")
public String submitAddNewCar(@ModelAttribute("NewCar") CarDTO car) {

  MultipartFile cimage = car.getCimage();
```

```
String saveName = cimage.getOriginalFilename();
File saveFile = new File("/Users/shimhyunmin/upload", saveName);

if(cimage != null && !cimage.isEmpty()) {
    try {
        cimage.transferTo(saveFile);
    } catch(Exception e) {
        throw new RuntimeException("차량 이미지 업로드 실패");
    }
}
carService.setNewCar(car);
return "redirect:/cars";
}
```