1 java 基础

1.1 去除空格

```java
public String trim(String str) {
    // "\u0020" 半角空格, office 空格, 全角空格
    return str.trim().replace("\u00a0", "").replace("\u3000", "");
}
```

2 Spring

2.1 获取 Servlet 相关参数

```java
ServletRequestAttributes servletRequestAttributes = (ServletRequestAttributes)
RequestContextHolder.getRequestAttributes();
HttpServletResponse response = servletRequestAttributes.getResponse();
HttpServletRequest request = servletRequestAttributes.getRequest();
```

3 类库

3.1 Hutool

3.1.1 ExcelUtil

1. example

```java
ServletRequestAttributes servletRequestAttributes =
(ServletRequestAttributes) RequestContextHolder.getRequestAttributes();
HttpServletResponse response = servletRequestAttributes.getResponse();

ExcelReader reader = ExcelUtil.getReader(FileUtil.file("公务用车车辆管理员信息.xlsx"), 0);
List<Map<String, Object>> carManagerMaps = reader.readAll();
//   所有用车管理员 userCode
List<String> carManagersUserCode = carManagerMaps.stream()
        .map(map → map.get("账号").toString())
        .collect(Collectors.toList());

final List<LinkedHashMap<String, String>> rows = carManagersUserCode.stream().map(userCode → {
    LinkedHashMap<String, String> row = new LinkedHashMap<>();
    row.put("账号", userCode);
    return row;
}).collect(Collectors.toList());

ExcelWriter excelWriter = ExcelUtil.getWriter();

excelWriter.renameSheet("所有车辆管理员账号");
excelWriter.write(rows, true);

response.setContentType("application/vnd.ms-excel;charset=utf-8");
response.setHeader("Content-Disposition", "attachment;filename=test_1.xls");
ServletOutputStream out = response.getOutputStream();
excelWriter.flush(out, true);

excelWriter.close();
IoUtil.close(out);
```

2. 获取 reader

```java
ExcelReader reader = ExcelUtil.getReader(FileUtil.file("path"), 0);
```

3. 获取 writer

```java
ExcelWriter excelWriter = ExcelUtil.getWriter();
```