

Allure官网: <https://docs.qameta.io/allure/>

1、pom集成依赖

```
<dependency>
  <groupId>io.qameta.allure</groupId>
  <artifactId>allure-testng</artifactId>
  <version>2.12.1</version>
  <scope>test</scope>
</dependency>
```

2、编码设置，避免乱码

```
<properties>
  <aspectj.version>1.8.10</aspectj.version>
  <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
  <maven.compiler.encoding>UTF-8</maven.compiler.encoding>
</properties>
```

3、引入Maven Surefire插件：生成Allure报表

```
<build>
  <plugins>
    <plugin>
      <!-- maven-surefire-plugin 配合testng/junit执行测试用例的maven插件 -->
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-surefire-plugin</artifactId>
      <version>2.22.1</version>
      <configuration>
        <!-- 测试失败后，是否忽略并继续测试 -->
        <testFailureIgnore>true</testFailureIgnore>
        <suiteXmlFiles>
          <!-- testng配置文件名称 -->
          <suiteXmlFile>testng.xml</suiteXmlFile>
        </suiteXmlFiles>
        <!--设置参数命令行 -->
        <argLine>
          <!-- UTF-8编码 -->
          -Dfile.encoding=UTF-8
          <!-- 配置拦截器 -->
          -
          javaagent:"${settings.localRepository}/org/aspectj/aspectjweaver/${aspectj.version}/aspectjweaver-${aspectj.version}.jar"
        </argLine>
      </configuration>
    </plugin>
  </plugins>
</build>
```

```

        <property>
            <!-- 配置 allure 结果存储路径 -->
            <name>allure.results.directory</name>
            <value>${project.build.directory}/allure-results</value>
        </property>
    </systemProperties>
</configuration>
<dependencies>
    <!-- aspectjweaver maven坐标 -->
    <dependency>
        <groupId>org.aspectj</groupId>
        <artifactId>aspectjweaver</artifactId>
        <version>${aspectj.version}</version>
    </dependency>
</dependencies>
</plugin>
</plugins>
</build>

```

4、构建测试

```
mvn test
```

注意：

要生成Allure的报表，必须要通过mvn test去执行，不能直接再测试类中右键执行或者右键执行TestNG.xml

5、生成Allure报表

- mvn io.qameta.allure:allure-maven:serve

日志配置

- 1、全局重定向输出到指定文件中(通过REST-Assured过滤器实现)

```

PrintStream fileOutputStream = new PrintStream(new File("log/test_all.log"));
RestAssured.filters(new RequestLoggingFilter(fileOutputStream), new
ResponseLoggingFilter(fileOutputStream));

```

- 2、测试用例日志单独保存(前提需要在REST-Assured请求和响应中添加log)

```

PrintStream fileOutputStream = new PrintStream(new File("log/testXX.log"));
RestAssured.config =
RestAssured.config().logConfig(LogConfig.logConfig().defaultStream(fileOutputStream));

```

Allure定制添加接口请求响应信息

```
Allure.addAttachment("接口请求响应信息",  
    new FileInputStream(path));
```