Automation Tool Usage

Configuration

* OS
* Windows 7 32 bit
* Windows7 64 bit
* Windows 10 64bit
* Browser supported
* Mozilla Firefox: 45.0.1 with upgrade disabled (Higher version maybe will not function well)
* Google Chrome: 62.0.3202.94 (Official Build) (32-bit)
  + IE: IE8 or higher
* Network
* Wired /Wireless connection to the website under test
* other   Settings:
* JRE 1.8
* Maven 3.5.2
* Git 2.15.1 (not necessary)

Tool Usage

Note: Test Tool is based on Selenium+TestNG+Java+MAVEN framework,So all necessary software should be installed before the use.

1. Environment Setup
2. Start a windows OS higher than Windows 7
3. Download JDK 1.8 from Oracle website (https://java.com/en/download/)
4. Install Maven Maven 3.5.2 ( <https://maven.apache.org/download.cgi>)
5. In windows OS, open “Computer Properties”, add new Environment Variables, “JAVA\_HOME” to point to your JDK installation folder.
6. Modify System Variables :Path ‘s value via add ${JAVA\_HOME}\bin,${JAVA\_HOME}\jre\bin;{MAVEN\_HOME}\bin
7. Test Tools Setup
8. Download Source code from GitHub( <https://github.com/sherry-li-1214/BackUpAssistTest>), select “clone or download”
   1. If Git has installed in the computer, use “git clone “command to download code

Git can be downloaded from <https://git-scm.com/downloads>

* 1. If Git not installed, “Download ZIP” to the local director, eg.C:\Project\BackUpAssitTest-Master.zip

1. Unzip the download file to C:\Project\BackUpAssitTest
2. In Windows command line, cd to “C:\Project\BackUpAssist
3. In windows command line, Run “mvn test”
4. The test suites will start, the current test suite will only test on Chrome. You can freely add test cases into C:\Project\BackUpAssist\ src\main\resources\testNG.xml.
5. Test Result
6. Test Result will clearly show on the console which you run the MVN command
7. An html report will be created as well to help on troubleshooting. It is located in C:\Project\BackUpAssist\target\surefire-reports, emailable-report.html is the summary for the test results. Other files in this folder also can be used for analysis
8. Test Troubleshooting