軟體回歸測試

Sahi Pro

Sahi Pro

- http://sahipro.com/
- Web應用的商用測試自動化工具
- 免費版(功能限制+期限180天)

安装

Sahi was designed ground up to be tester centric.

Not developer centric.

Sahi ensures QA will have minimal dependency on programmers.

Our Clients → Mahindra COMVIVA | @ris global. Let's Innovate for Life™ | integro an aurionpro company | MetricStream | itg | and 400 more →

sahi The Tester's Web Automation Tool

HOME CONTACT

Sahi Pro Trial Licenses

要用學校信箱註冊!!!

Please fill the form below. The product key / license file will be emailed to you.

*Fields with * are required.*

Product *

- Sahi Pro V8.0.0 only
  (30 days fully functional product key)
- Sahi Pro Desktop Add-on V8.0.0
  (30 days fully functional product key)
- Sahi Pro Mobile Add-on V8.0.0
  (30 days fully functional product key)
- Sahi Pro Starter
  (Free, limited version, 180 days license)

Email * Please use your official email address

Name *

Company *

Title * -- Choose One --

Phone

City *

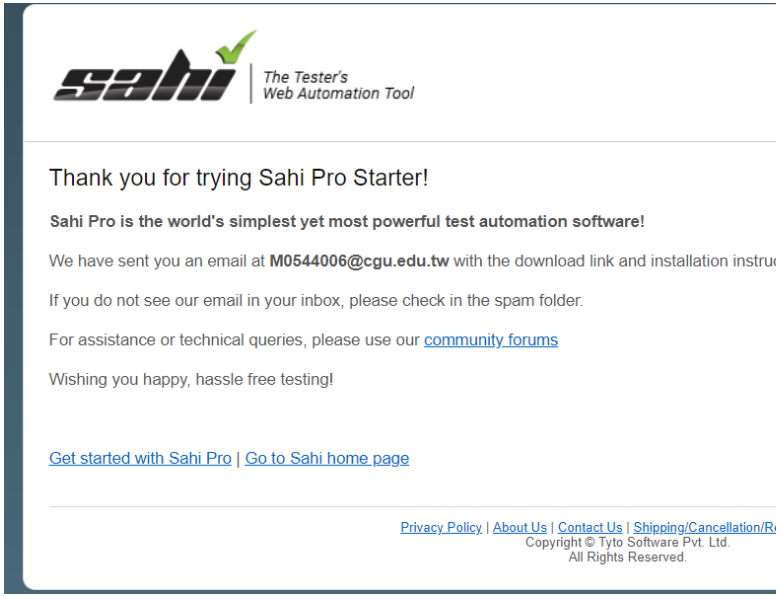
Extend Trial License

To extend your trial, please email sales@sahipro.com with your request and reason.

Already using Sahi Pro?

Download a different version of Sahi Pro from our downloads archive

License會寄到信箱



sahi The Tester's Web Automation Tool

Thank you for trying Sahi Pro Starter!

Sahi Pro is the world's simplest yet most powerful test automation software!

We have sent you an email at **M0544006@cgu.edu.tw** with the download link and installation instru

If you do not see our email in your inbox, please check in the spam folder.

For assistance or technical queries, please use our community forums

Wishing you happy, hassle free testing!

Get started with Sahi Pro | Go to Sahi home page

Privacy Policy | About Us | Contact Us | Shipping/Cancellation/R
Copyright © Tyto Software Pvt. Ltd.
All Rights Reserved.

Sahi Pro Starter License

Dear Huang, Pin-Chieh,

Thank you for your interest in Sahi Pro Starter. Your free 180 day **Sahi Pro Starter license** is attached.

(If you had not registered on our website for Sahi Pro Starter, please ignore this message. We are sorry for the inconvenience.)

Download and Install Sahi Pro Starter

- Download the latest **Sahi Pro Starter** from our Sahi Pro Downloads Archive page.
- Double click on the jar file to run the installer. If that does not work, please navigate to the folder on command prompt and run

java -jar install_sahi_pro_starter_v701_20170912.jar

- Make sure that you install Sahi Pro Starter on a folder without spaces in the path:
  Eg. C:\SahiPro

Use the Free Starter License

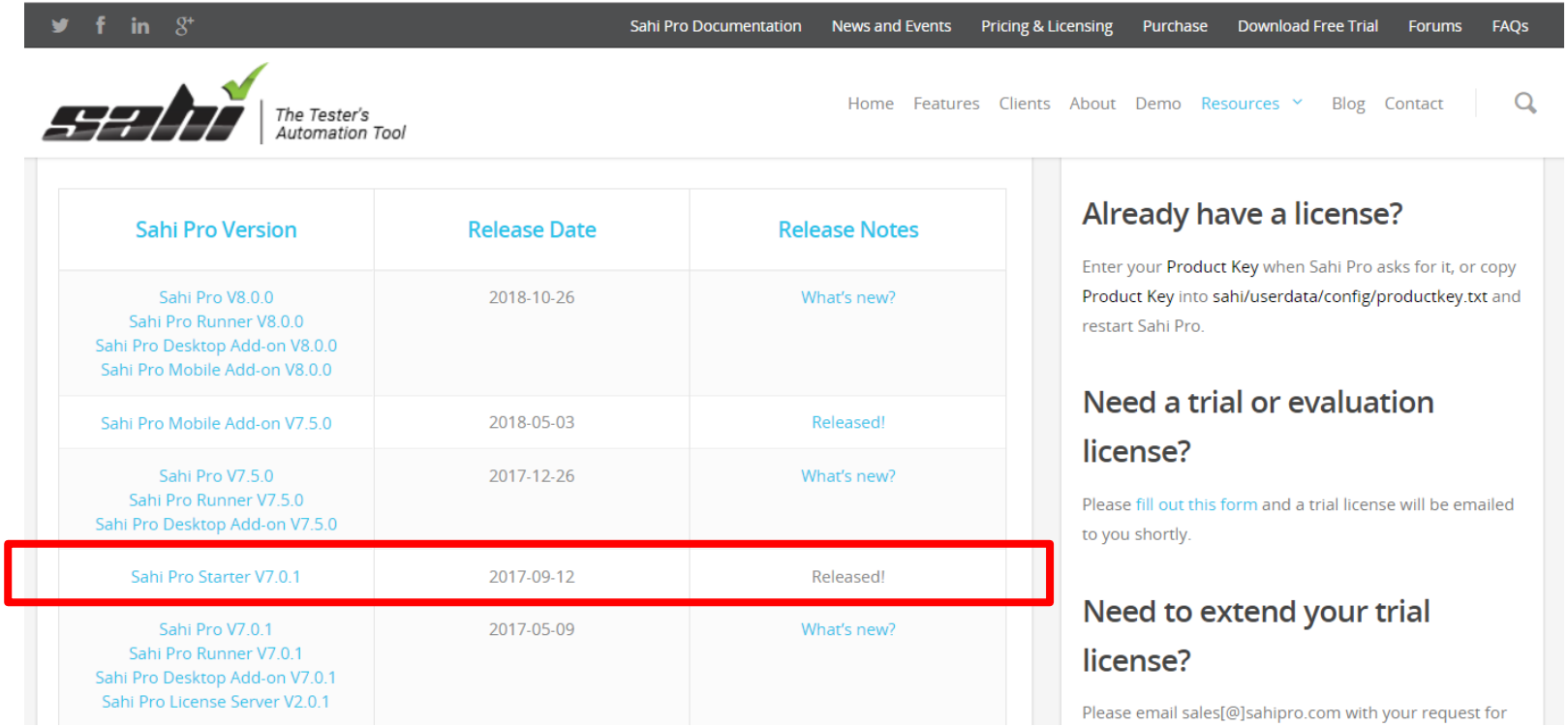
- Download the "license_starter.data" file attached with this mail.
- Start Sahi Pro Starter, and when prompted for license, point to the downloaded license_starter.data file.
  Or alternatively,
- Copy the license file into SahiPro/userdata/config directory and then start Sahi Pro Starter.

Thats it! You should be up and running with Sahi Pro Starter!

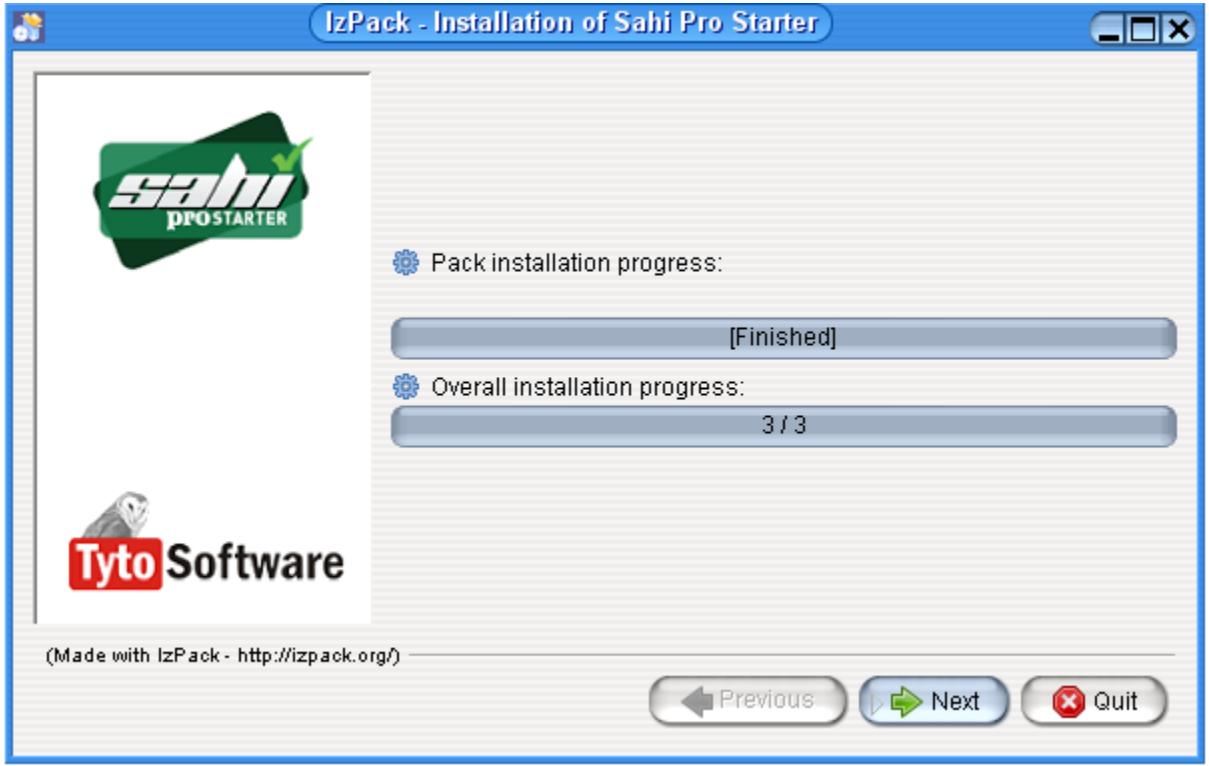
Resources to get started with Sahi Pro

- Quick Tutorial on Sahi Pro
- Sahi Pro Documentation

- 下載「Sahi Pro Starter」 java -jar install_sahi_pro_xxx.jar
- http://sahipro.com/downloads-archive/



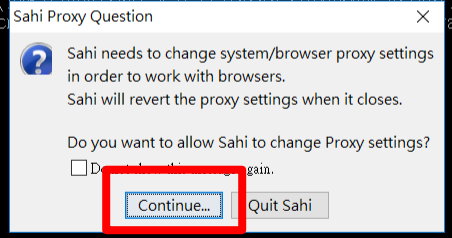
- 安裝過程一直下一步


IzPack - Installation of Sahi Pro Starter
sahi
proSTARTER
Pack installation progress:
[Finished]
Overall installation progress:
3 / 3
Tyto Software
(Made with IzPack - http://izpack.org/)
Previous
Next
Quit

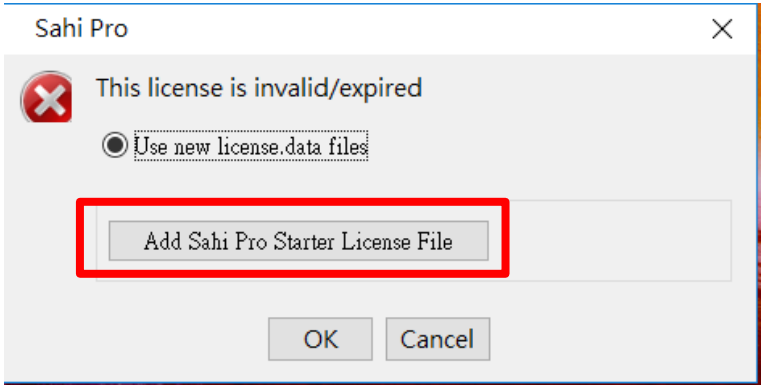
執行「Sahi Pro Starter」

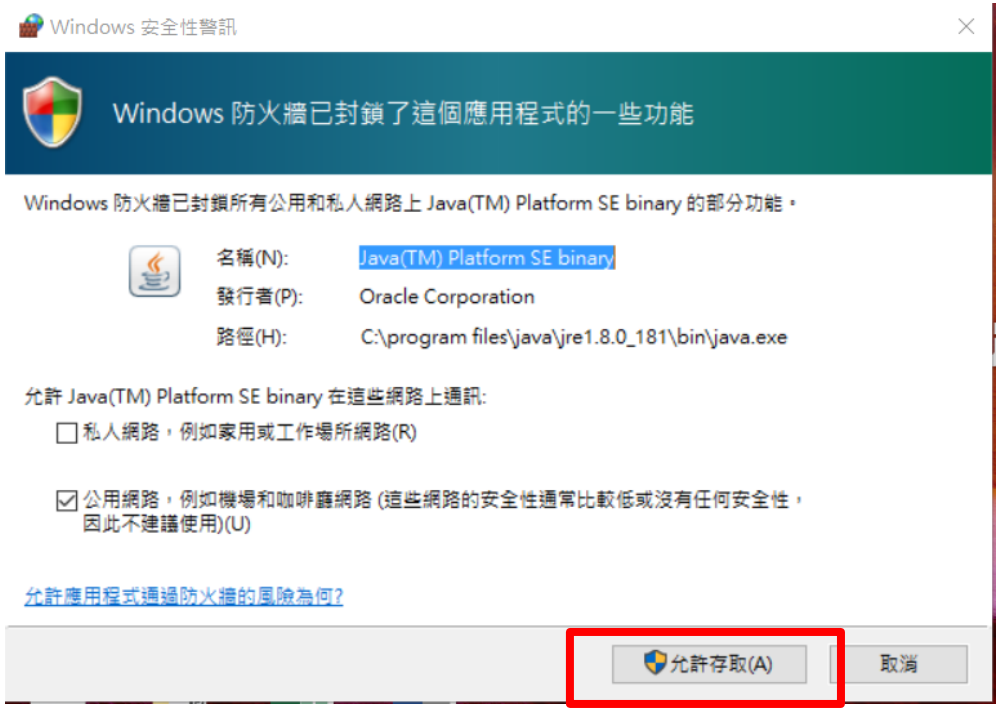
Sahi Pro Starter Console

```
C:\Users\YuHan\sahi_pro_starter\userdata\bin>SET SAHI_HOME=..\..

C:\Users\YuHan\sahi_pro_starter\userdata\bin>SET SAHI_USERDATA_DIR=..

C:\Users\YuHan\sahi_pro_starter\userdata\bin>SET SAHI_EXT_CLASS_PATH="../extlib/*"

C:\Users\YuHan\sahi_pro_starter\userdata\bin>REM START ..\..\windows\bin\SahiWin.exe

C:\Users\YuHan\sahi_pro_starter\userdata\bin>CALL setjava.bat

C:\Users\YuHan\sahi_pro_starter\userdata\bin>set SAHI_JAVA_HOME=C:\Program Files\Java\jre1.8.0_181

C:\Users\YuHan\sahi_pro_starter\userdata\bin>set PATH=C:\Program Files\Java\jre1.8.0_181\bin;C:\Program Files (x86)\Common Files\Oracle\Java\javapath;C:\ProgramData\Oracle\Java\javapath;C:\
Program Files (x86)\Common Files\TEC-IT\TBarCode\11.2\;C:\Program Files\Common Files\TEC-IT\TBarCode\11.2\;C:\Program Files (x86)\Intel\iCLS Client\;C:\Program Files\Intel\iCLS Client\;C:\W
INDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\System32\WindowsPowerShell\v1.0\;C:\Program Files (x86)\Intel\Intel(R) Management Engine Components\DAL;C:\Program Files\Intel
\Intel(R) Management Engine Components\DAL;C:\Program Files (x86)\Intel\Intel(R) Management Engine Components\IPT;C:\Program Files\Intel\Intel(R) Management Engine Components\IPT;C:\Program
 Files\Microsoft SQL Server\130\Tools\Binn\;C:\Program Files (x86)\Microsoft Emulator Manager\1.0\;C:\Program Files (x86)\Microsoft SDKs\Azure\CLI\wbin;C:\Program Files (x86)\Windows Kits\1
0\Windows Performance Toolkit\;C:\Program Files\dotnet\;C:\Program Files (x86)\Java\jdk1.8.0_112\bin\;C:\Program Files\Intel\WiFi\bin\;C:\Program Files\Common Files\Intel\WirelessCommon\;C:\
Program Files (x86)\Nordic Semiconductor\nrf5x\bin\;C:\Program Files\Git\cmd;C:\Program Files\PuTTY\;C:\Users\YuHan\AppData\Local\Microsoft\WindowsApps;

C:\Users\YuHan\sahi_pro_starter\userdata\bin>CALL ..\..\bin\dashboard.bat
--------
SAHI_HOME: ..\..
SAHI_USERDATA_DIR: ..
SAHI_EXT_CLASS_PATH: "../extlib/*"
--------
java version "1.8.0_181"
Java(TM) SE Runtime Environment (build 1.8.0_181-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.181-b13, mixed mode)
十二月 11, 2018 7:59:20 下午 net.sf.sahi.config.Configuration reinitialize
資訊: Sahi properties file = C:\Users\YuHan\sahi_pro_starter\config\sahi.properties
十二月 11, 2018 7:59:20 下午 net.sf.sahi.config.Configuration reinitialize
資訊: Sahi user properties file = C:\Users\YuHan\sahi_pro_starter\userdata\config\userdata.properties
十二月 11, 2018 7:59:21 下午 net.sf.sahi.config.Configuration substituteBrowserProxyHostPort
資訊: Created C:\Users\YuHan\sahi_pro_starter\userdata\browser\ff\profiles\sahi0\prefs.js
```



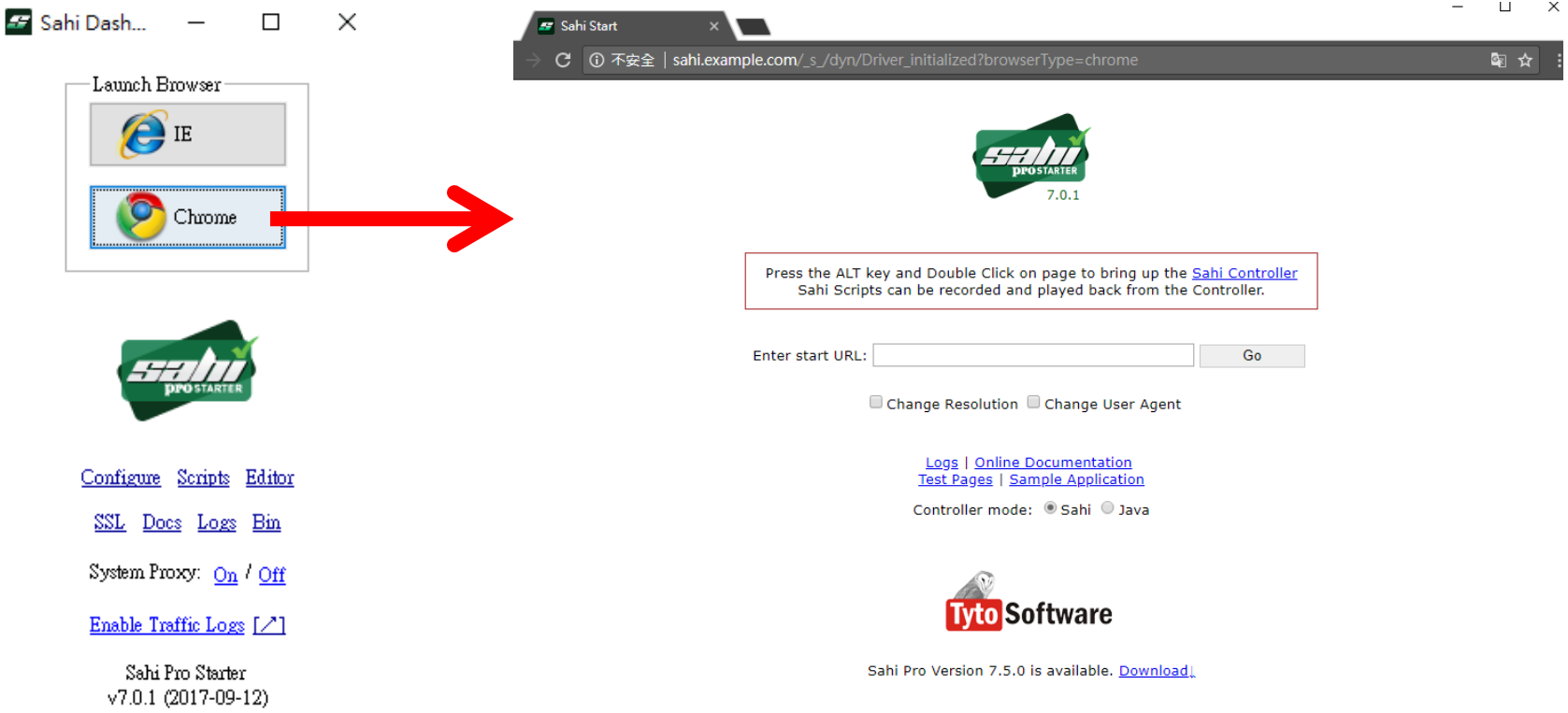
- 加入剛才Mail中的License
- 允許防火牆





使用說明

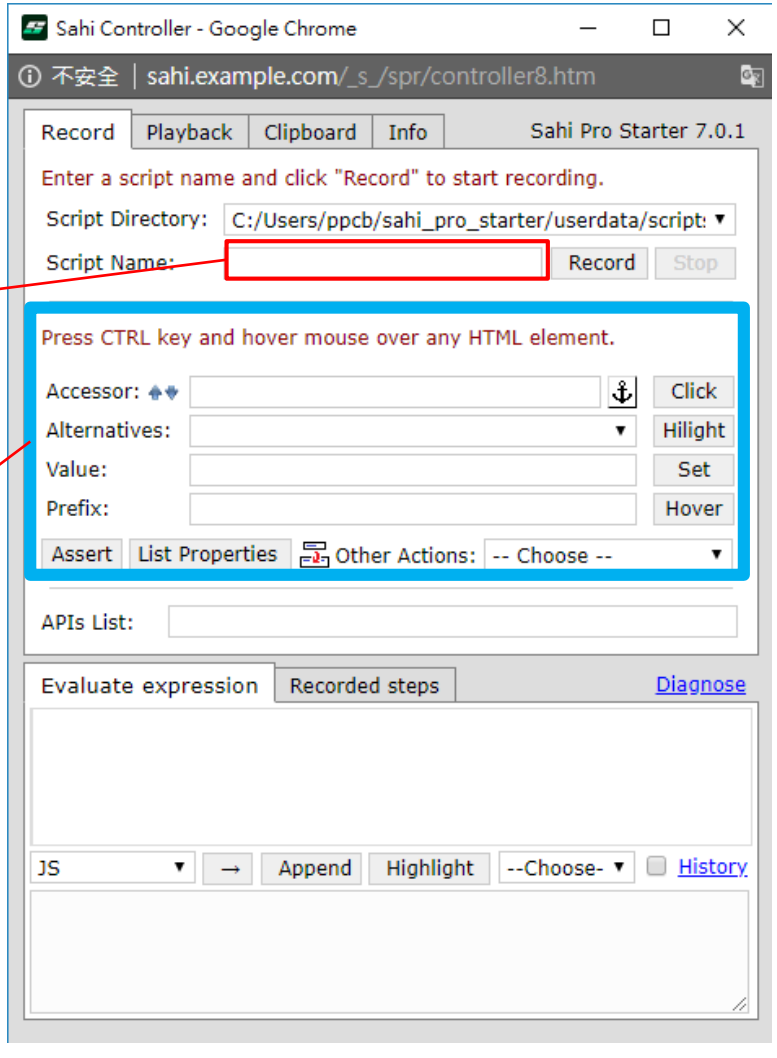
需要安裝JDK!!!


Sahi Dash...
Launch Browser
IE
Chrome
Configure Scripts Editor
SSL Docs Logs Bin
System Proxy: On / Off
Enable Traffic Logs [↗]
Sahi Pro Starter
v7.0.1 (2017-09-12)
Sahi Start
不安全 | sahi.example.com/_s_/dyn/Driver_initialized?browserType=chrome
7.0.1
Press the ALT key and Double Click on page to bring up the Sahi Controller
Sahi Scripts can be recorded and played back from the Controller.
Enter start URL:
Go
Change Resolution
Change User Agent
Logs | Online Documentation
Test Pages | Sample Application
Controller mode: Sahi Java
TytoSoftware
Sahi Pro Version 7.5.0 is available. Download↓

網頁Alt + 左鍵2下

輸出檔案名稱

※特殊窗格



- 測試網頁

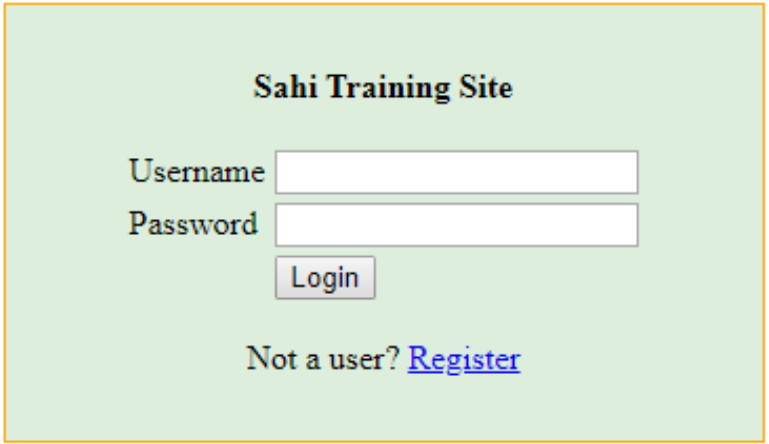
../sahi_pro_starter/htdocs/demo/training

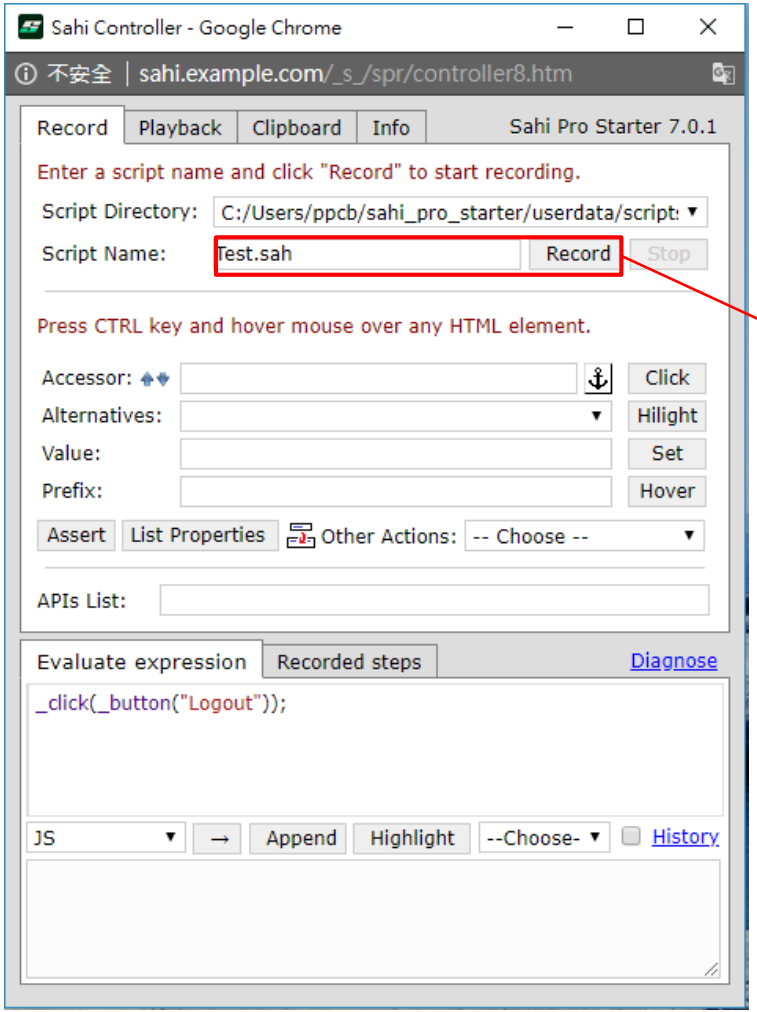
複製資料夾到網頁路徑下

先登入帳密

進入另一頁面製作特殊窗格

(用來核對變更)





檔名需為.sah
(按下Record開始記錄)

```
_setValue(_textbox("user"), "test");
_setValue(_password("password"), "secret");
_click(_submit("Login"));
```

Use test/secret to login

All available books

Title	In stock	Cost	Add quantity to cart
Core Java	5	Rs. 300	3
Ruby for Rails	12	Rs. 200	2
Python Cookbook	7	Rs. 350	1

Add | Clear | Logout

My Cart

Title	Quantity	Unit Cost	Total Cost
Core Java	3	Rs.300	Rs.900
Ruby for Rails	2	Rs.200	Rs.400
Python Cookbook	1	Rs.350	Rs.350

Grand Total: 1650

```
_setValue(_textbox("q"), "3");
_setValue(_textbox("q[1]"), "2");
_setValue(_textbox("q[2]"), "1");
_click(_button("Add"));
_assertExists(_textbox("total"));
_assertVisible(_textbox("total"));
```

All available books

Title	In stock	Cost	Add quantity to cart
Core Java	5	Rs. 300	3
Ruby for Rails	12	Rs. 200	2
Python Cookbook	7	Rs. 350	1

Add | Clear | Logout

My Cart

Title	Quantity	Unit Cost	Total Cost
Core Java	3	Rs.300	Rs.900
Ruby for Rails	2	Rs.200	Rs.400
Python Cookbook	1	Rs.350	Rs.350

Grand Total: 1650

今天要針對1650這個
結果當作特殊窗格

Ctrl+左鍵

Press CTRL key and hover mouse over any HTML element.

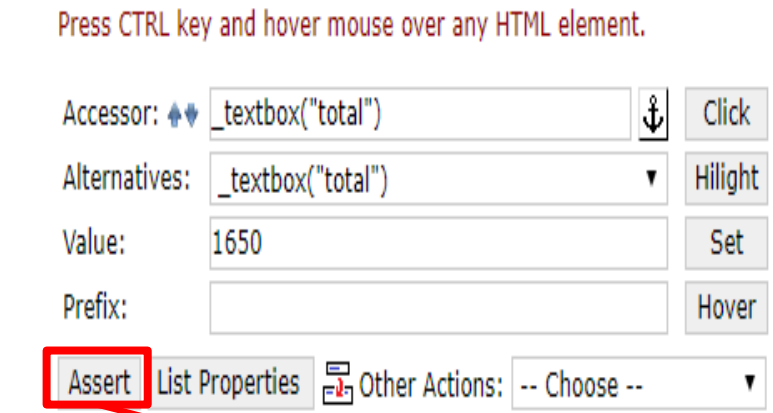
Accessor: _textbox("total") Click

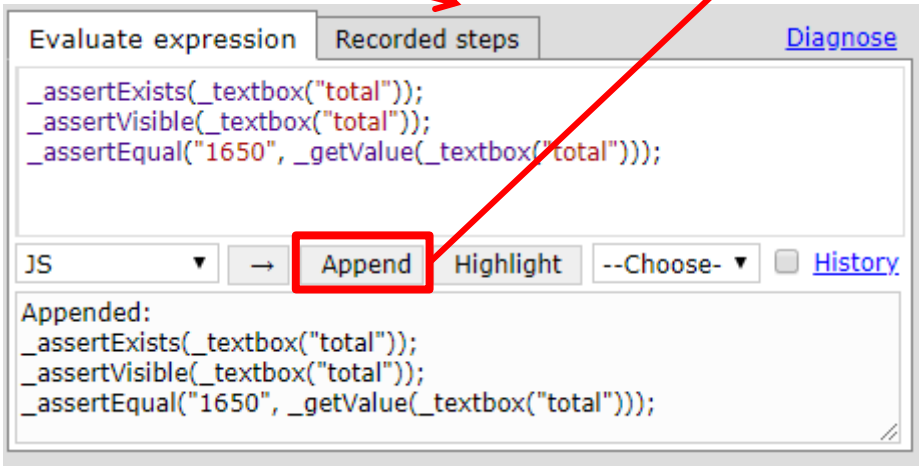
Alternatives: _textbox("total") Hilight

Value: 1650 Set

Prefix: Hover

Assert | List Properties | Other Actions: -- Choose --





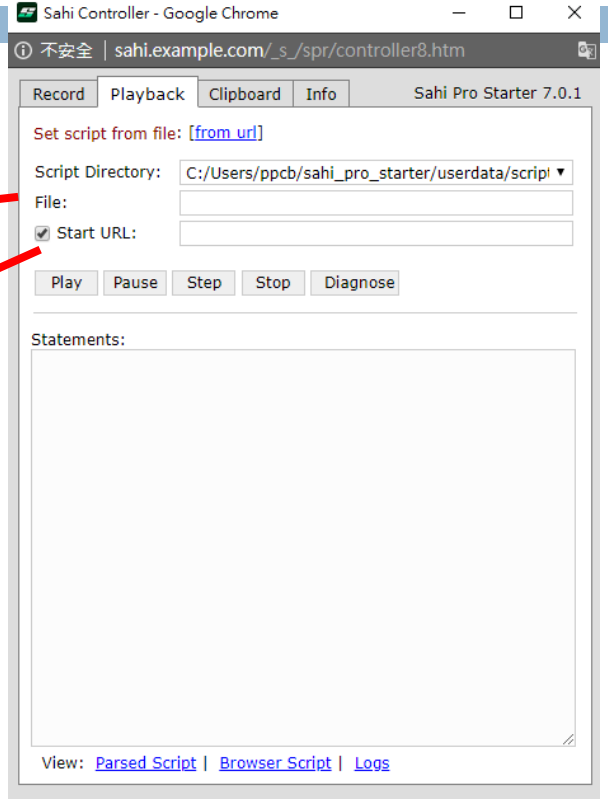
按下Append才會寫入檔案當作特殊窗格

```
_setValue(_textbox("user"), "test");
_setValue(_password("password"), "secret");
_click(_submit("Login"));
_setValue(_textbox("q"), "3");
_setValue(_textbox("q[1]"), "2");
_setValue(_textbox("q[2]"), "1");
_click(_button("Add"));
_assertExists(_textbox("total"));
_assertVisible(_textbox("total"));
_assertEqual("1650", _getValue(_textbox("total")));
_click(_button("Logout"));
```

Playback

Log檔案

執行網址



- 按下Play之後，網頁視窗會“自動”執行剛剛所經過之步驟，只要最後結果出現“SUCCESS”即代表結果相同

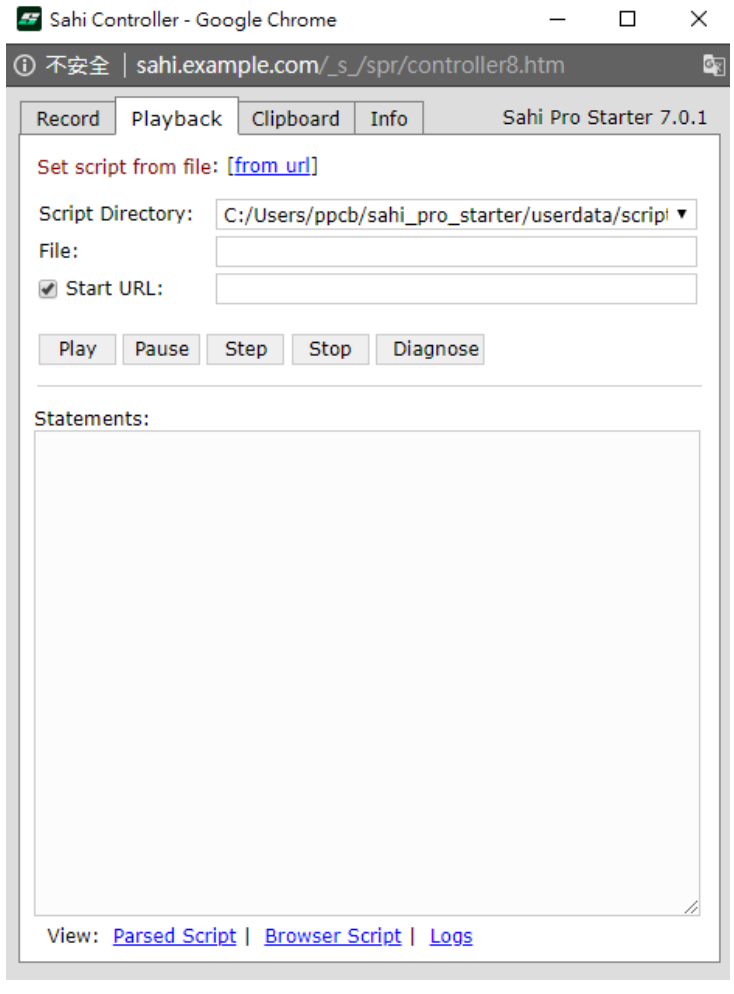
Statements:

```
_setValue(_textbox("user"), "test")
_setValue(_password("password"), "secret")
_click(_submit("Login"))
_setValue(_textbox("q"), "3")
_setValue(_textbox("q[1]"), "2")
_setValue(_textbox("q[2]"), "1")
_click(_button("Add"))
_assertExists(_textbox("total"))
_assertVisible(_textbox("total"))
_assertEqual("1650", _getValue(_textbox("total")))
_click(_button("Logout"))
---------- Stopped Playback: SUCCESS----------
```

View: Parsed Script | Browser Script | Logs

- 將tests.sah檔案中指定窗格的值更改為1800

```
_setValue(_textbox("user"), "test");
_setValue(_password("password"), "secret");
_click(_submit("Login"));
_setValue(_textbox("q"), "3");
_setValue(_textbox("q[1]"), "2");
_setValue(_textbox("q[2]"), "1");
_click(_button("Add"));
_assertExists(_textbox("total"));
_assertVisible(_textbox("total"));
_assertEqual("1800", _getValue(_textbox("total")));
_click(_button("Logout"));
```



- 測試完後可點擊下方查看Log

Test2_17四月2018__00_43_33
Test_17四月2018__00_39_23
Test2_17四月2018__00_03_52
Test_17四月2018__00_02_47
Test_16四月2018__23_50_03
Test_16四月2018__23_49_06
Test_16四月2018__23_46_37
Test_16四月2018__23_47_20

Suite Name: Test.sah

Browser Type	chrome	Total scripts run	1
Start Time	四月 17, 2018 12:39:23 上午	Scripts passed	1
End Time	四月 17, 2018 12:39:25 上午	Scripts failed	0
Time Taken	00:00:02 566	Status	SUCCESS

Suite Info

Nodes Info

Scripts:

Show Failed

Test	Start Url				Steps: Total/Failures/Errors/%	Time Taken	Node
Test.sah	http://sahite...	11	0	0	100 %	00:00:02 382	localhost:9999

Test2_17四月2018__00_43_33
Test_17四月2018__00_39_23
Test2_17四月2018__00_03_52
Test_17四月2018__00_02_47
Test_16四月2018__23_50_03
Test_16四月2018__23_49_06
Test_16四月2018__23_46_37
Test_16四月2018__23_47_20

Suite Name: Test2.sah

Browser Type	chrome	Total scripts run	1
Start Time	四月 17, 2018 12:43:33 上午	Scripts passed	0
End Time	四月 17, 2018 12:43:45 上午	Scripts failed	1
Time Taken	00:00:12 582	Status	FAILURE

Suite Info

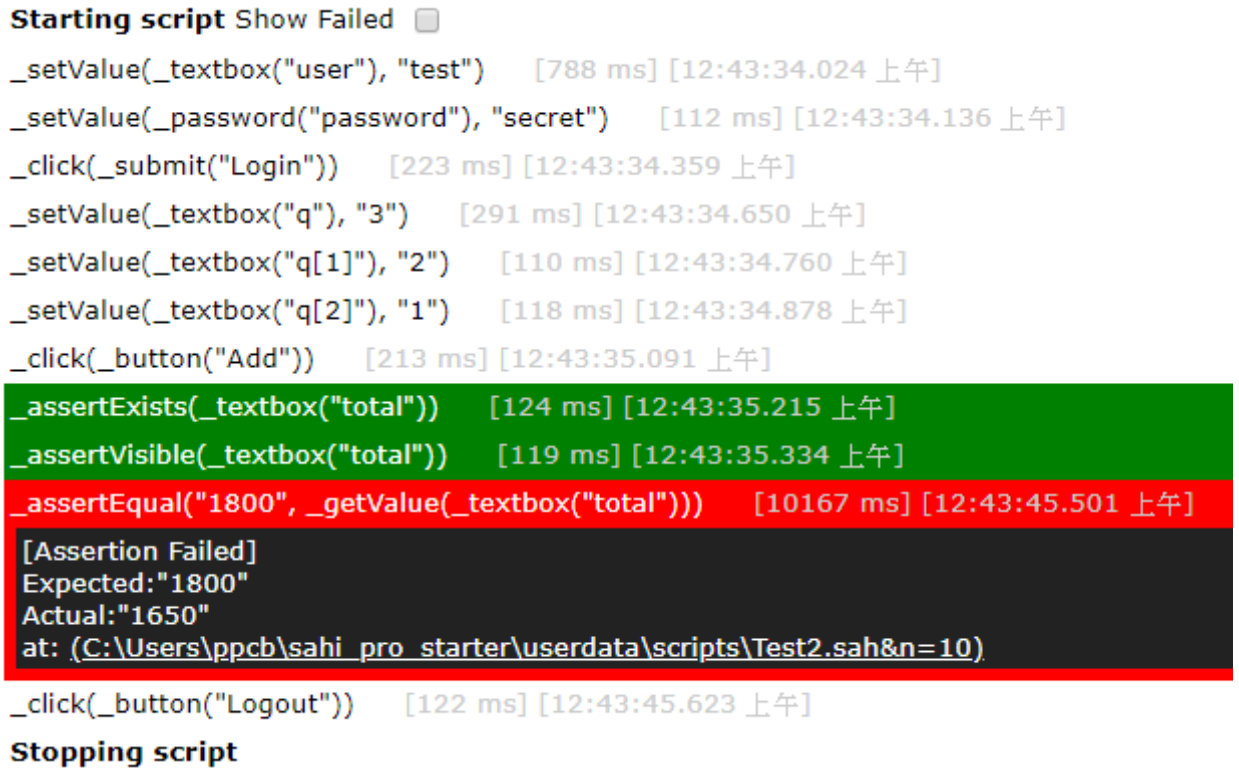
Nodes Info

Scripts:

Show Failed

Test	Start Url	Steps: Total/Failures/Errors/%				Time Taken	Node
Test2.sah	http://sahite...	11	1	0	91 %	00:00:12 432	localhost:9999

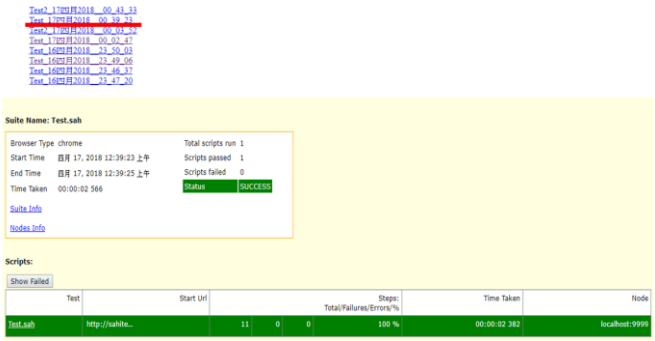
- 點擊檔案
  查看失敗原因


Starting script Show Failed
_setValue(_textbox("user"), "test") [788 ms] [12:43:34.024 上午]
_setValue(_password("password"), "secret") [112 ms] [12:43:34.136 上午]
_click(_submit("Login")) [223 ms] [12:43:34.359 上午]
_setValue(_textbox("q"), "3") [291 ms] [12:43:34.650 上午]
_setValue(_textbox("q[1]"), "2") [110 ms] [12:43:34.760 上午]
_setValue(_textbox("q[2]"), "1") [118 ms] [12:43:34.878 上午]
_click(_button("Add")) [213 ms] [12:43:35.091 上午]
_assertExists(_textbox("total")) [124 ms] [12:43:35.215 上午]
_assertVisible(_textbox("total")) [119 ms] [12:43:35.334 上午]
_assertEqual("1800", _getValue(_textbox("total"))) [10167 ms] [12:43:45.501 上午]
[Assertion Failed]
Expected:"1800"
Actual:"1650"
at: (C:\Users\ppcb\sahi_pro_starter\userdata\scripts\Test2.sah&n=10)
_click(_button("Logout")) [122 ms] [12:43:45.623 上午]
Stopping script

結報

上機結報

- 截圖使用此工具的Log (如下圖), 放到word中並寫30字感想



* ftp://163.25.101.123 account/password: **2018student**

*請先開一個自己學號的**資料夾**，檔名**[學號]_[姓名]_回歸測試.docx**

*請於12/20(四)晚上11:59分前繳交