12.09.2013(?) - functions added from Kathy:

protection\_values(): get the percentage and number of the most private settings

get\_img\_value(image,text):

get the value from image of facebook protection level, used by the above function

locate\_item\_page\_by\_page(img) and locate\_item\_line\_by\_line(img)

12.11.2013 - UA QA team - edited LinkedInLogIn and FacebookLogin functions to check if user is already logged into FB, LinkedIN.

Added find\_img function for imagge search.

12.13.2013 - changes from Kathy:

Facebook login: line136: added facebook image to identify facebook section.

LinkedInlogin: added locate linkedIn section image using locate\_item\_page\_by\_page.

12.16.2013 - UA QA team:

PassCase function added - line 359

load\_browser\_with\_url -line 278 - edited, not stable now. We will modify it in future.

(Not stable because could not detect CH instance that is already active, but run Ch in max. with --start-maximized param.)

12.16.2013 - Ron M:

Merged in changes needed for Framework integration. The these scripts will be run automatically from a Framework that will open the VM, launch the scripts and post

to TestLink. These scripts will be run from a share drive accessible to the VM's Added check for the Program Files x86 folder for CH if its not there it will use the regular Program Files. Appending the --start-maximized param after the check.

Note: all global variables are named with the prefix \_ as a convention.

12.16.2013 - Kathy Li:

improved load\_browser\_with\_url(), fixed a bug in LinkedInLogin()

imporved InstallExtension(), somehow some lines was commented out and was broken

12.16.2013 - Kathy Li:

modified GoogleLogin(logfile): skip login if it's already logged in.

added: locate\_google\_section(logfile)

12.18.2013 - UA QA team:

added functions for locating Tracking and Websites sections(lines 133 and 140): locate\_tracking\_section(logfile), locate\_websites\_section(logfile)(those functions were needed for

1322 test case automation).

As example was taken locate\_google\_section(logfile) function.

12.18.2013 - Kathy Li:

* modified locate google\_section, locate\_tracking\_section and locate\_website\_section(logfile):
* locate the first image by page down, and the second image line by line. The two images used should be same all the time.
* we shoudn't use the last fix item of tracking or websites section to locate the section, 2 reasons:

1. these functions will be used other places, and the status could be different

2. when the last item on the bottom of the browser, when hover over, bottom part of the hover image maynot be shown completely

12.19.2013 - UA QA team:

* added new verify\_exactly function on line 352. because in some cases we need 99% matching(for example in LinkedIn section)
* edited Facebook protection section function

12.19.2013 - Kathy Li:

Added locate\_linkedIn\_section(logfile) function, changed test 358 and 1374, 1375, 1329 using locate\_item\_line\_by\_line(logfile, img) instead of using find\_img(img), reason: no logfile, and not stable.

12.20.2013 - Ron M:

Added the cleanTestScript method. This is required since when running through the command line the path to the current script has scriptname.py (the .py extension)

running in the IDE does not. So, the log file was being created under another directory not the Sikuli directory.

12.20.2013 - Kathy Li:

* added ClearBrowsingData to InstallExtension function since only InstallExtension needs it.
* changed login function that if there is history logging data exists, take it, only enter password.

12.23.2013 - Kathy Li:

* added FailTestCase(logfile, test\_case\_id) function.
* Main function exception will be as below, please use it for the new scripts.

except FindFailed, f:

msg = "Find Failed Exception: %s " % f

PF\_common.write\_log(log\_file,msg)

PF\_common.FailTestCase(log\_file, test\_case\_id)

except Exception, e:

msg = "Exception detected: %s " % e

PF\_common.write\_log(log\_file,msg)

PF\_common.FailTestCase(log\_file, test\_case\_id)

12.27.2013 - Kathy Li:

* added write tested link to logfile in PassCass and FailTestCase functions, so it will be clear what url is tested.
* improved get protection level value function, it name is: get\_protection\_value(logfile)
* added recording time for installation, open browser and login to tracking time and test cycle. so we can see performance for each phase.

12.29.2013 - Kathy Li:

* Protection level function is improved and name is changed to: get\_protection\_level(logfile)
* added write\_log\_with\_screenshot: screenshot will be taken when log is written, for tracking issues convenience
* FacebookLogin: added ok button for Chrome setup when login facebook after removed account from family, it will ask special permission after login.
* added screenshot for locate\_item\_line\_by\_line(logfile), locate\_item\_page\_by\_page(logfile)

12.31.2013 -- Kathy Li:

* improved locate tracking section and websites section by using key.END and Key.PAGE\_UP, instead of looking for images. faster.

01.14.2014 -- Kathy Li:

* changed log file using relative path(2 days ago)
* added function verify\_continue\_with\_similarity(logfile,image,similarity), reason: we need high similarity in PF\_Chrome\_setup because the grey bang and orange bang is same in sikuli.
* improved Facebook login function, added one more login UI to the if condition

01.27.2014 – UA team:

* added reset\_account(logfile) for FF browser
* added rememberPassword (logfile) function to avoid broblem during script execution

12.29.2013 - Kathy Li:

* Protection level function is improved and name is changed to: get\_protection\_level(logfile)
* added write\_log\_with\_screenshot: screenshot will be taken when log is written, for tracking issues convenience
* FacebookLogin: added ok button for Chrome setup when login facebook after removed account from family, it will ask special permission after login.
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12.31.2013 -- Kathy Li:

improved locate tracking section and websites section by using key.END and Key.PAGE\_UP, instead of looking for images. faster.

01.14.2014 -- Kathy Li:

* added function verify\_continue\_with\_similarity(logfile,image,similarity), reason: we need high similarity in PF\_Chrome\_setup because the grey bang and orange bang is same in sikuli.
* change readme to wordpad, format: Office XML document. please use the other readme for better readability.

01.23.2014 -- Kathy Li:

* get\_image\_value(logfile,image), added sleep(1) after each click to make sure the clicks work.
* Added “maybe later” to FB login, linkedinLogin, google login, installExtension, because if the account is first time after install, or reset, this page will show.

01.27.2014 -- UA QA team:

Added rememberPassword (logfile) to disable remember password

01.28.2014 -- Kathy:

* click login after reset, it will login directly without enter passwork, I added code to verify if the facebook login section image is there, if so, skip the login process.
* added maximum FF browser, just one line in load\_browser\_with\_url
* Removed Key.Home from login functions
* After load Firefox, click on a spot next to menu Help(to avoid some weird actions like windows popup opens)
* Reset\_account function: to avoid bug AP\_628, need to close browser and reopen it, it will showing correctly.
* PF-1376, PF-1378 failed because the mouse was hovered on the item, added mouse move to 1000,110 after verify an item.
* Changed PF\_Firefox\_setup log to firefox log instead of chrome\_setup log file.
* Remember password: added code to detect if browser is already open, then no need to re-open
* Facebook login: move mouse location if already logged in.
* Added waitVanish(FB+LinkedIn) image to detect facebook items are loaded. Need change PF\_common same way when have time.

01.29.2014 -- UK team:

Added changes to reset\_account - confirm browser close

02.02.2014 -- Kathy:

• Added ClearbrowsingData to install to avoid enter the install link later(Chrome has it already)

• Added ClearbrowsingData to PF\_Firefox\_setup

• Added screenshots after enter the PF\_link to check if the link is entered correct to find out timing and autofill issue

• Added screehsots after enter Linkedin email and password

• Use alt+F+X to close browser

• ClearBrowsingData was calling load\_browser\_with\_url \_firefox which is not there anymore, changed it to load\_browser\_with\_url

• LinkedIn login verification – need to change to icon in the top middle to avoid popups.

• Deleted LinkedIn login page verify with LinkedIn logo, verify with password image is good enough.

02.06.2014 -- Ron M

Merged changes to enable script to be ran from the ReadOnly shared folder and Write the log to the ReadWrite shared folder unde the W:\Logs

02.20.2014 -- Ron M

Added code to use the mzhang0170@gmail.com login whenever the Driver is running Test Case.

02.24.2014 -- Ron M

Added param \_useAutoUser this will use the mzhang0170@gmail.com login and not changes where the logs are saved (e.g default is save under the script folder.) The \_saveLogToRW para will save the log to RW folder under W:\Logs and set \_useAutoUser = True