PYWINAUTO FUNCTIONS

1.capture_as_image ()

To take screenshot of a particular window we will use this function.

2.children(*kwargs*)**

The children(**kwargs) method in Pywinauto is similar to iter_children(). It returns a list of direct children of a window.

3.class_name ()

Returns the classname of the element.

4.click_input ()

To click element.

5.control_id ()

Returns the no. of children for particular control.

6.control_id ()

Returns the control_id for element.

Only controls have control id the dialogs dont have.

7.descendants(*kwargs*)**

Returns the children and grand children of specified element.

8.double_click_input ()

To double click.

9. element info

To get element info like what particular element will do

10.friendly_class_name ()

Returns the friendly class name of the control

The difference between class_name() and friendly_class_name() is .. it   will make user clear that this is checkbox, radio button and combo box   while class_name() gives any type as button.

11.get_properties ()

Returns the properties of the element as dictionary.

includes all details like class_name(),friendly_class_name(),control_id()

12. is_dialog()

Returns True if the control is a top-level window

13.is_enabled ()

Returns True if the element is enabled

Used to check whether dialog is enabled or not

14.is_visible ()

Returns True if the element is visible

15.iter_children ()

Similar to children ()

16.parent ()

Return the parent of the element

For example, if u give radio button in find dialog like, radiobutton.parent() it will gives the parent as Find because

17.type_keys ()

To type or send text using keyboard

18.set_text ()

To send text

19.close ()

To close opened dialog

20.kill ()

To close the application

21.menu_select ()

To select menu items

22.is_maximized ()

Returns True if window is maximized else False

22.window_text ()

collects the value and prints it in console

Similar to get value.

Is used to print texts existing in file and text in edit boxes etc...

23.is_in_taskbar ()

Returns True if the window is in taskbar.

24.hide_from_taskbar ()

Hides the window in taskbar

25.show_in_taskbar ()

Shows the dialog in taskbar

26. To generate log files

Import logging

logging.basicConfig(filename="some name", level = logging.DEBUG,

format = "%(asctime)s - %(levelname)s - %(message)s")

logging.info("started")

logging.info("ended")

27.font ()

Gives the font of window

28.get_show_state ()

State of window whether is it maximized, minimized and normal

Returns 1 for normal state

2 for minimized state

3 for maximized state

29. get_toggle_state():

When backend = uia it is used to get the state of checkbox

0- unchecked

1-checked

30 get_value()

When backend = uia this is used to get the text of edit control