Python modules for automated test

Faster, quicker, efficiency, optimization in process

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Automated test
Execution of your test using a script

1. Why we need automated test?
   1. It provides optimization, efficiency, and best practices in any business process.
   2. It will trigger faster development cycles
   3. It will trigger quicker resolution of any app issues
   4. It can help the developer to find bugs in less amount of time.

python modules for automated test

modules lists for automated test

1. Robot framework
2. PyTest
3. Uinttest
4. Node2
5. Splinter
6. Selenium
7. Behave
8. Pyautogui
9. Automagica
10. Beautiful soup
11. PDFMiner
12. Locust Framework

pyautogui
Pyautogui for automated test

1. What's Pyautogui library provide?

   1. is an automation library that allows mouse and keyboard control

   2. Automated the movement of the mouse and keyboard to establish the interaction with other application using the python script.

Pyautogui

Use pyautogui to turn video into pdf

1. How to use pyautogui to turn video into images?
   1. Pyautogui mouse move to progress bar
   2. Calculated/get the dedicated time
   3. Pyautogui mouse move the dedicated progress
   4. Pyautogui screenshot
   5. Fpdf.image
   6. Loop

Web Crawler

Beautifulsoup4, requests, lxml

1. img_data = requests.get(img_url).content
2.   with open(img_name, 'wb') as handler:
3.   handler.write(img_data)
4. soup = BeautifulSoup(fp, "html.parser")
5.   text = soup.get_text()
6.   WRITE THE CRAWLED DATA TO EXCEL
   1. from xlwt import *