



Test Automation

Experiment 6

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Submitted to :
Mr. Alind

Step 1: Activate environment:

```
alpha@Akhands-MacBook-Pro ~ % conda activate base  
(base) alpha@Akhands-MacBook-Pro ~ %
```

Step 2: Create a project

Command :- `scrapy startproject fillform`

```
(base) alpha@Akhands-MacBook-Pro testlab % scrapy startproject fillform
New Scrapy project 'fillform', using template directory '/Users/alpha/opt/anaconda3/lib/python3.9/site-packages/scrapy/templates/project', created in:
/Users/alpha/Desktop/College/testlab/fillform

You can start your first spider with:
cd fillform
scrapy genspider example example.com
(base) alpha@Akhands-MacBook-Pro testlab % cd fillform
scrapy genspider example example.com
Created spider 'example' using template 'basic' in module:
fillform.spiders.example
```

Step 3: RUN Command

`scrapy genspider example example.com`

Step 4: Write required code for Scraping Images through scrapy

```
fillform.py 5 x
Users > alpha > Desktop > College > testlab > fillform > fillform > fillform.py > ...
1  from selenium import webdriver
2  from selenium.webdriver.chrome.service import Service
3  from webdriver_manager.chrome import ChromeDriverManager
4  from selenium.webdriver.common.by import By
5  from selenium.webdriver.common.keys import Keys
6  from time import sleep
7
8  browser = webdriver.Chrome(service=Service(ChromeDriverManager().install()))
9  browser.implicitly_wait(100)
10 browser.get("https://demoqa.com/automation-practice-form")
11
12 browser.maximize_window()
13
14 first_name = browser.find_element(By.ID, "firstName")
15 first_name.send_keys("Akhand")
16
17 last_name = browser.find_element(By.ID, "lastName")
18 last_name.send_keys("Pratap Singh")
19
20 email = browser.find_element(By.ID, "userEmail")
21 email.send_keys("Aksingh6886@gmail.com")
22
23 browser.find_element(By.CLASS_NAME, "custom-control-label").click()
24
25
26 telephone = browser.find_element(By.ID, "userNumber")
27 telephone.send_keys("8741939279")
28
29 dateofBirth = browser.find_element(By.ID, "dateOfBirthInput")
30 dateofBirth.send_keys(Keys.CONTROL + 'a')
31 dateofBirth.send_keys("27 MAR 2004")
32
33 subjects=browser.find_element(By.ID, "subjectsInput")
34 subjects.send_keys("MATHS")
35 subjects.send_keys(Keys.ENTER)
36
37
38 currentAddress=browser.find_element(By.ID, "currentAddress")
39 currentAddress.send_keys("GKP , UP")
40
41 stateSelect=browser.find_element(By.ID, "react-select-3-input")
42 stateSelect.send_keys("U", Keys.ENTER)
43
44 citySelect=browser.find_element(By.ID, "react-select-4-input")
```

Step 5: Run the script

Command : -- python fillform.py

```
Last login: Sat Feb 18 02:03:11 on tty000
alpha@Akhands-MacBook-Pro:~$ scrapy crawl image_spider
zsh: command not found: scrapy
alpha@Akhands-MacBook-Pro:~$ imagext % conda activate base
(base) alpha@Akhands-MacBook-Pro:~$ scrapy crawl image_spider
2023-02-18 20:52:28 [scrapy.utils.log] INFO: Scrapy 2.6.2 started (bot: imagext)
2023-02-18 20:52:28 [scrapy.utils.log] INFO: Versions: lxml 4.9.1.0, libxml2 2.9.14, cssselect 1.1.0, parsel 1.6.0, w3lib 1.21.0, Twisted 22.2.0, Python 3.9.13 (main, Aug 25 2022, 18:29:29) - [Clang 12.0.0], pyOpenSSL 22.0.0 (OpenSSL 1.1.1q 5 Jul 2022), cryptography 37.0.1, Platform macOS-10.16-x86_64-i386-64bit
2023-02-18 20:52:28 [scrapy.crawler] INFO: Overridden settings:
{'BOT_NAME': 'imagext',
 'NEWSPIDER_MODULE': 'imagext.spiders',
 'ROBOTSTXT_OBEY': True,
 'SPIDER_MODULES': ['imagext.spiders']}
2023-02-18 20:52:28 [scrapy.utils.log] DEBUG: Using reactor: twisted.internet.selectreactor.SelectReactor
2023-02-18 20:52:28 [scrapy.extensions.telnet] INFO: Telnet Password: c55133bd48717f4e
2023-02-18 20:52:29 [scrapy.middleware] INFO: Enabled extensions:
['scrapy.extensions.corestats.CoreStats',
 'scrapy.extensions.telnet.TelnetConsole',
 'scrapy.extensions.memusage.MemoryUsage',
 'scrapy.extensions.logstats.LogStats']
2023-02-18 20:52:30 [scrapy.middleware] INFO: Enabled downloader middlewares:
['scrapy.downloadermiddlewares.robotstxt.RobotsTxtMiddleware',
 'scrapy.downloadermiddlewares.httpauth.HttpAuthMiddleware',
 'scrapy.downloadermiddlewares.downloadtimeout.DownloadTimeoutMiddleware',
 'scrapy.downloadermiddlewares.defaultheaders.DefaultHeadersMiddleware',
 'scrapy.downloadermiddlewares.useragent.UserAgentMiddleware',
 'scrapy.downloadermiddlewares.retry.RetryMiddleware',
 'scrapy.downloadermiddlewares.redirect.MetaRefreshMiddleware',
 'scrapy.downloadermiddlewares.redirect.RedirectMiddleware',
 'scrapy.downloadermiddlewares.cookies.CookiesMiddleware',
 'scrapy.downloadermiddlewares.httpproxy.HttpProxyMiddleware',
 'scrapy.downloadermiddlewares.stats.DownloaderStats']
2023-02-18 20:52:30 [scrapy.middleware] INFO: Enabled spider middlewares:
['scrapy.spidermiddlewares.httperror.HttpErrorMiddleware',
 'scrapy.spidermiddlewares.offsite.OffsiteMiddleware',
 'scrapy.spidermiddlewares.referer.RefererMiddleware',
 'scrapy.spidermiddlewares.urllength.UrlLengthMiddleware',
 'scrapy.spidermiddlewares.depth.DepthMiddleware']
2023-02-18 20:52:31 [scrapy.middleware] INFO: Enabled item pipelines:
[]
2023-02-18 20:52:31 [scrapy.core.engine] INFO: Spider opened
2023-02-18 20:52:31 [scrapy.extensions.logstats] INFO: Crawled 0 pages (at 0 pages/min), scraped 0 items (at 0 items/min)
2023-02-18 20:52:31 [scrapy.extensions.telnet] INFO: Telnet console listening on 127.0.0.1:6023
2023-02-18 20:52:33 [scrapy.core.engine] DEBUG: Crawled (200) <GET https://www.freepik.com/robots.txt> (referer: None)
2023-02-18 20:52:34 [filelock] DEBUG: Attempting to acquire lock 140675239448976 on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/publicsuffix.org-tlds/de84b5ca2167d4c83e38fb162f2e8738.tldextract.json.lock
2023-02-18 20:52:34 [filelock] DEBUG: Lock 140675239448976 acquired on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/publicsuffix.org-tlds/de84b5ca2167d4c83e38fb162f2e8738.tldextract.json.lock
2023-02-18 20:52:34 [filelock] DEBUG: Attempting to acquire lock 140675239448976 on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/urls/62bf135dc12f3d4db4228b9ecaf507a2.tldextract.json.lock
2023-02-18 20:52:34 [filelock] DEBUG: Lock 140674945074224 acquired on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/urls/62bf135dc12f3d4db4228b9ecaf507a2.tldextract.json.lock
2023-02-18 20:52:34 [urllib3.connectionpool] DEBUG: Starting new HTTPS connection (1): publicsuffix.org:443
2023-02-18 20:52:35 [urllib3.connectionpool] DEBUG: https://publicsuffix.org:443 "GET /list/public_suffix_list.dat HTTP/1.1" 200 79911
2023-02-18 20:52:35 [filelock] DEBUG: Attempting to release lock 140674945074224 on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/urls/62bf135dc12f3d4db4228b9ecaf507a2.tldextract.json.lock
2023-02-18 20:52:35 [filelock] DEBUG: Lock 140674945074224 released on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/urls/62bf135dc12f3d4db4228b9ecaf507a2.tldextract.json.lock
2023-02-18 20:52:35 [filelock] DEBUG: Attempting to release lock 140675239448976 on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/publicsuffix.org-tlds/de84b5ca2167d4c83e38fb162f2e8738.tldextract.json.lock
2023-02-18 20:52:35 [filelock] DEBUG: Lock 140675239448976 released on /Users/alpha/.cache/python-tldextract/3.9.13.final__anaconda3_12adb_tldextract-3.2.0/publicsuffix.org-tlds/de84b5ca2167d4c83e38fb162f2e8738.tldextract.json.lock
```

Output Screenshot:

DEMOQA x +

demoqa.com/automation-practice-form

Chrome is being controlled by automated test software.

Practice Form

Student Registration Form

Name

Email

Gender ☒ Male ☐ Female ☐ Other

Mobile(10 Digits)

Date of Birth

Subjects

Hobbies

Picture

Current Address

State and City

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