

Python Selenium Firefox Geckodriver webdriver_manager

written by js | 2023-01-04

Situacija

Kradeš informacije s interneta korištenjem pythona seleniuma firefoxa webdriver-managera te geckodrivera.

Problem

Na naredbu

```
▪ driver = webdriver.Firefox ( options=options ,  
    service=Service(GeckoDriverManager().install()))
```

browser se sruši iskazujući svoje nezadovoljstvo sljedećim izjavnim rečenicama koje vjerojatno nemaju nikakvog smisla ali ih nisam anal-izirao:

```
selenium.common.exceptions.TimeoutException: Message: Failed  
to read marionette port
```

```
selenium.common.exceptions.SessionNotCreatedException:  
Message: Expected browser binary location, but unable to find  
binary in default location, no 'moz:firefoxOptions.binary'  
capability provided, and no binary flag set on the command  
line
```

Uzrok

Ako je Firefox instaliran naredbom “sudo apt install firefox” onda ti je server možda dobio Snap verziju, a Snap verzija Firefoxa je usrana kao i sâm Snap.

Rješenje (a.k.a Instaliraj najnoviji Firefox)..

..a da nije verzija sa Snapa ili repozitorija, nego da radi:

Opcija 1

```
wget -q https://packages.mozilla.org/apt/repo-signing-key.gpg
-0- | sudo tee /etc/apt/keyrings/packages.mozilla.org.asc >
/dev/null
```

```
echo "deb [signed-
by=/etc/apt/keyrings/packages.mozilla.org.asc]
https://packages.mozilla.org/apt mozilla main" | sudo tee -a
/etc/apt/sources.list.d/mozilla.list > /dev/null
```

```
echo '
Package: *
Pin: origin packages.mozilla.org
Pin-Priority: 1000
' | sudo tee /etc/apt/preferences.d/mozilla
```

```
sudo apt-get update && sudo apt-get install firefox
```

Opcija 2

- `wget -O ~/FirefoxSetup.tar.bz2 "https://download.mozilla.org/?product=firefox-latest&os=linux64"`
- `sudo tar xjf ~/FirefoxSetup.tar.bz2 -C /opt/`
- (po potrebi: `sudo rm /usr/bin/firefox`)
- `sudo ln -s /opt/firefox/firefox /usr/bin/firefox`

Nešto se promijenilo s opcijom 2, pa možda prvo trebaš unBzipati u .tar i onda unTarati taj .tar

firefox ffox latest xfirefox xffox xlatest install xinstall xsnap xrepository repository

linux xlinux