



Python

Project Assignment

Summer- 2020

News Reader-Selenium Project

Project Description :

In this project , Web Browser will be accessed with Selenium. News has to be fetched from the browser & printed [from the specified source eg- BBC] , then converting the news text into speech & saving it into audio file.

Based on the learning's throughout the training program. You are expected to furnish a detailed report after completing the following tasks:-

1. Refer to the Selenium Documentation

<https://selenium-python.readthedocs.io/getting-started.html>

2. Download the Web - Driver.

* Link for Chrome Driver-

<https://sites.google.com/a/chromium.org/chromedriver/downloads>

* Link for Fire-Fox Driver -

<https://github.com/mozilla/geckodriver/releases>

* Link for Edge Driver -

<https://developer.microsoft.com/enus/microsoftedge/tools/webdriver/>

* Link for Safari Driver -

<https://webkit.org/blog/6900/webdriver-support-in-safari-10/>

3. Install Selenium.

Command - pip install selenium

4. Import the necessary packages in your code. [Selenium & gTTS]

5. Create an object for accessing the web driver.

6. Get the news using `.get()` function & pass the link of the news website.

7. Read the headlines of the news , print it & save it in a text file.

8. Perform Text to Speech Conversion using gTTS.

9. Save the audio file.

10. Close the driver using `.quit()` function.