

Scraping Movie_Info from wikipedia

Tools used : **Selenium and BeautifulSoup**

Languages : Python and HTML

Framework : Flask

I have chosen the wikipedia page to scrap the Movie information. I have used selenium and beautiful soup in python to scrape and get the movie information. I have used python dictionaries to store the scraped data.

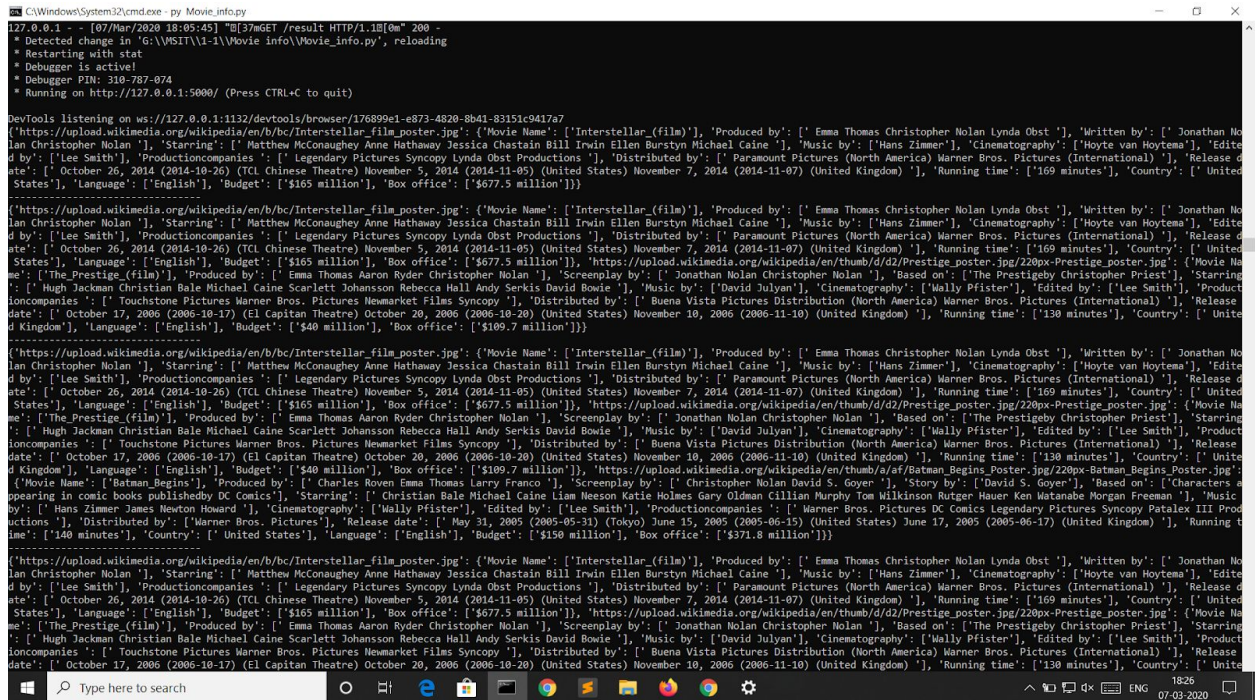
I have used flask as the framework, to integrate python with the html webpage.

Prerequisites : Install python, flask, selenium and beautiful soup

Execution points :

1. Run the .py file in cmd
2. Copy the url from the cmd prompt and run in the web page
3. Url : <http://127.0.0.1:5000/> (example)

Output Screenshots:



```
C:\Windows\System32\cmd.exe - py Movie_info.py
127.0.0.1 - - [07/Mar/2020 18:05:45] "0[37wGET /result HTTP/1.1]0m" 200 -
* Detected change in 'G:\WSIT\1-1\Movie info\Movie_info.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 310-787-074
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

DevTools listening on ws://127.0.0.1:1132/devtools/browser/176899e1-e873-4820-8b41-83151c9417a7
('https://upload.wikimedia.org/wikipedia/en/b/bc/Interstellar_film_poster.jpg', {'Movie Name': ['Interstellar (film)'], 'Produced by': ['Emma Thomas Christopher Nolan Lynda Obst'], 'Written by': ['Jonathan Nolan Christopher Nolan'], 'Starring': ['Matthew McConaughey Anne Hathaway Jessica Chastain Bill Irwin Ellen Burstyn Michael Caine'], 'Music by': ['Hans Zimmer'], 'Cinematography': ['Woyte van Hoytema'], 'Edited by': ['Lee Smith'], 'Productioncompanies': ['Legendary Pictures Syncopy Lynda Obst Productions'], 'Distributed by': ['Paramount Pictures (North America) Warner Bros. Pictures (International)'], 'Release date': ['October 26, 2014 (2014-10-26) (TCL Chinese Theatre) November 5, 2014 (2014-11-05) (United States) November 7, 2014 (2014-11-07) (United Kingdom)'], 'Running time': ['169 minutes'], 'Country': ['United States'], 'Language': ['English'], 'Budget': ['$165 million'], 'Box office': ['$677.5 million']}])

('https://upload.wikimedia.org/wikipedia/en/b/bc/Interstellar_film_poster.jpg', {'Movie Name': ['Interstellar (film)'], 'Produced by': ['Emma Thomas Christopher Nolan Lynda Obst'], 'Written by': ['Jonathan Nolan Christopher Nolan'], 'Starring': ['Matthew McConaughey Anne Hathaway Jessica Chastain Bill Irwin Ellen Burstyn Michael Caine'], 'Music by': ['Hans Zimmer'], 'Cinematography': ['Woyte van Hoytema'], 'Edited by': ['Lee Smith'], 'Productioncompanies': ['Legendary Pictures Syncopy Lynda Obst Productions'], 'Distributed by': ['Paramount Pictures (North America) Warner Bros. Pictures (International)'], 'Release date': ['October 26, 2014 (2014-10-26) (TCL Chinese Theatre) November 5, 2014 (2014-11-05) (United States) November 7, 2014 (2014-11-07) (United Kingdom)'], 'Running time': ['169 minutes'], 'Country': ['United States'], 'Language': ['English'], 'Budget': ['$165 million'], 'Box office': ['$677.5 million']}])

('https://upload.wikimedia.org/wikipedia/en/thumb/d/d2/Prestige_poster.jpg/220px-Prestige_poster.jpg', {'Movie Name': ['The Prestige (film)'], 'Produced by': ['Emma Thomas Aaron Ryder Christopher Nolan'], 'Screenplay by': ['Jonathan Nolan Christopher Nolan'], 'Based on': ['The Prestige by Christopher Priest'], 'Starring': ['Hugh Jackman Christian Bale Michael Caine Scarlett Johansson Rebecca Hall Andy Serkis David Bowie'], 'Music by': ['David Julyan'], 'Cinematography': ['Wally Pfister'], 'Edited by': ['Lee Smith'], 'Productioncompanies': ['Touchstone Pictures Warner Bros. Pictures Newmarket Films Syncopy'], 'Distributed by': ['Buena Vista Pictures Distribution (North America) Warner Bros. Pictures (International)'], 'Release date': ['October 17, 2006 (2006-10-17) (El Capitan Theatre) October 20, 2006 (2006-10-20) (United States) November 10, 2006 (2006-11-10) (United Kingdom)'], 'Running time': ['130 minutes'], 'Country': ['United Kingdom'], 'Language': ['English'], 'Budget': ['$40 million'], 'Box office': ['$109.7 million']}])

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('https://upload.wikimedia.org/wikipedia/en/thumb/a/af/Batman_Begins_Poster.jpg/220px-Batman_Begins_Poster.jpg', {'Movie Name': ['Batman Begins'], 'Produced by': ['Charles Roven Emma Thomas Larry Franco'], 'Screenplay by': ['Christopher Nolan David S. Goyer'], 'Story by': ['David S. Goyer'], 'Based on': ['Characters appearing in comic books published by DC Comics'], 'Starring': ['Christian Bale Michael Caine Liam Neeson Katie Holmes Gary Oldman Cillian Murphy Tom Wilkinson Rutger Hauer Ken Watanabe Morgan Freeman'], 'Music by': ['Hans Zimmer James Newton Howard'], 'Cinematography': ['Wally Pfister'], 'Edited by': ['Lee Smith'], 'Productioncompanies': ['Warner Bros. Pictures DC Comics Legendary Pictures Syncopy Dailox III Productions'], 'Distributed by': ['Warner Bros. Pictures'], 'Release date': ['May 31, 2005 (2005-05-31) (Tokyo) June 15, 2005 (2005-06-15) (United States) June 17, 2005 (2005-06-17) (United Kingdom)'], 'Running time': ['140 minutes'], 'Country': ['United States'], 'Language': ['English'], 'Budget': ['$150 million'], 'Box office': ['$371.8 million']}])

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Movie Info

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Movie Name	['Interstellar_(film)']
Produced by	['Emma Thomas Christopher Nolan Lynda Obst']
Written by	['Jonathan Nolan Christopher Nolan']
Starring	['Matthew McConaughey Anne Hathaway Jessica Chastain Bill Irwin Ellen Burstyn Michael Caine']
Music by	['Hans Zimmer']
Cinematography	['Hoyte van Hoytema']
Edited by	['Lee Smith']
Production companies	['Legendary Pictures Syncopy Lynda Obst Productions']
Distributed by	['Paramount Pictures (North America) Warner Bros. Pictures (International)']
Release date	['October 26, 2014 (2014-10-26) (TCL Chinese Theatre) November 5, 2014 (2014-11-05) (United States) November 7, 2014 (2014-11-07) (United Kingdom)']
Running time	['169 minutes']
Country	['United States']
Language	['English']
Budget	['\$165 million']






Type here to search








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FROM THE DIRECTOR OF "BATMAN BEGINS" AND "MEMORIAS"


HUGH JACKMAN
CHRISTIAN BALE
SCARLETT JOHANSSON
MICHAEL CAINE


ARE YOU WATCHING CLOSELY?

THE PRESTIGE

Movie Name	['The_Prestige_(film)']
Produced by	['Emma Thomas Aaron Ryder Christopher Nolan']
Screenplay by	['Jonathan Nolan Christopher Nolan']
Based on	['The Prestige by Christopher Priest']
Starring	['Hugh Jackman Christian Bale Michael Caine Scarlett Johansson Rebecca Hall Andy Serkis David Bowie']
Music by	['David Julyan']
Cinematography	['Wally Pfister']
Edited by	['Lee Smith']
Production companies	['Touchstone Pictures Warner Bros. Pictures Newmarket Films Syncopy']
Distributed by	['Buena Vista Pictures Distribution (North America) Warner Bros. Pictures (International)']
Release date	['October 17, 2006 (2006-10-17) (El Capitan Theatre) October 20, 2006 (2006-10-20) (United States) November 10, 2006 (2006-11-10) (United Kingdom)']
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