



Untitled

BY: A GUEST ON AUG 30TH, 2015 | SYNTAX: PYTHON | SIZE: 2.11 KB | VIEWS: 3 | EXPIRES: IN 6 DAYS

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```

1. #!/usr/bin/env python3
2.
3. """Tribune2sqlite.py: This script store mussel shit in a database file and print a few statistics on it. """
4.
5. __author__ = "M4rotte"
6. __copyright__ = "Copyright 2015, Institut Marotte pour un Mouling de Qualitäy"
7. __license__ = "GPL"
8. __version__ = "0.1"
9.
10. import requests # HTTP Requests
11. import xml.etree.ElementTree as etree # XML Parsing (DOM)
12. import sqlite3 # SQLite database access
13. import html.parser # HTML Parser (used for its unescape() function)
14.
15. # For test purpose :
16. #~ with open ("index.xml", "r") as file:
17. #~ data=file.read()
18. #~ file.close()
19. #~ tribune = etree.fromstring(data)
20.
21. session = requests.Session()
22. url = 'https://linuxfr.org/board/index.xml'
23. headers = {"User-Agent": "", "Accept": "application/xml"}
24. r = requests.Request('GET', url, headers=headers)
25. request = r.prepare()
26. response = session.send (request)
27. tribune = etree.fromstring(response.text)
28.
29. connection = sqlite3.connect('linuxfr.org.sqlite')
30. cursor = connection.cursor()
31.
32. cursor.execute('create table if not exists posts (id int primary key, time int, message text, login text, info text)')
33.
34. nb_newposts = 0
35. for post in tribune:
36.     values = (post.attrib['id'], post.attrib['time'], post[1].text, post[2].text, post[0].text)
37.     try:
38.         cursor.execute("insert into posts values (?, ?, ?, ?, ?)", values)
39.         nb_newposts += 1
40.     except sqlite3.IntegrityError as error:
41.         pass
42. connection.commit()
43.
44. cursor.execute("select count(*) as count, info from posts group by info order by count desc")
45. ua_stats = cursor.fetchall();
46. cursor.execute("select max(id),login from posts")
47. last_post_by = str(cursor.fetchone()[1])
48.
49. print("\nPosts :")
50. print("Last\t\t: "+response.headers['Last-Modified']+" (" +last_post_by+")")
51. print("New\t\t: "+str(nb_newposts))
52. cursor.execute("select count(*) from posts")
53. print ("Total\t\t: "+str(cursor.fetchone()[0]))
54. print("\nUser-Agents :")
55. for ua in ua_stats:
56.     print(str(ua[0])+"\t"+html.parser.HTMLParser().unescape(str(ua[1])))
57. print()
58.
59. cursor.close()
    
```



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```

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```

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