

Website Input - Task #2503

Task # 2484 (Closed): Python 3 support

Fix test failures due to no matches

11/09/2019 01:19 AM - Luke Murphey

Status:	Closed	Start date:	11/08/2019
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:	Input: Web Spider	Estimated time:	0.00 hour
Target version:	4.5.8		
Description			
<pre>[exec] ===== [exec] ERROR: test_scrape_page_include_empty_matches (__main__.TestWebInput) [exec] ----- [exec] Traceback (most recent call last): [exec] File "/Users/lmurphey/git/splunk-web-input/tests/unit_test_web_server.py", line 89, in _decorator [exec] return func(self, *args, **kwargs) [exec] File "unit.py", line 423, in test_scrape_page_include_empty_matches [exec] self.assertEqual(result['match'][0], ',,,Text_1,,Text_2,,,') [exec] KeyError: 'match' [exec] [exec] ===== [exec] ERROR: test_scrape_page_include_empty_matches_nulls (__main__.TestWebInput) [exec] ----- [exec] Traceback (most recent call last): [exec] File "/Users/lmurphey/git/splunk-web-input/tests/unit_test_web_server.py", line 89, in _decorator [exec] return func(self, *args, **kwargs) [exec] File "unit.py", line 442, in test_scrape_page_include_empty_matches_nulls [exec] self.assertEqual(result['match'][0], 'NULL') [exec] KeyError: 'match' [exec] [exec] ===== [exec] ERROR: test_scrape_page_match_prefix (__main__.TestWebInput) [exec] ----- [exec] Traceback (most recent call last): [exec] File "/Users/lmurphey/git/splunk-web-input/tests/unit_test_web_server.py", line 89, in _decorator [exec] return func(self, *args, **kwargs) [exec] File "unit.py", line 523, in test_scrape_page_match_prefix [exec] self.assertEqual(len(result['prefix_cook_temp']), 1) [exec] KeyError: 'prefix_cook_temp' [exec] [exec] ===== [exec] ERROR: test_scrape_page_match_prefix_with_multiple (__main__.TestWebInput) [exec] ----- [exec] Traceback (most recent call last): [exec] File "/Users/lmurphey/git/splunk-web-input/tests/unit_test_web_server.py", line 89, in _decorator [exec] return func(self, *args, **kwargs) [exec] File "unit.py", line 537, in test_scrape_page_match_prefix_with_multiple [exec] self.assertEqual(len(result['prefix_string']), 3) [exec] KeyError: 'prefix_string' [exec] [exec] ===== [exec] ERROR: test_scrape_page_mv (__main__.TestWebInput) [exec] ----- [exec] Traceback (most recent call last): [exec] File "unit.py", line 221, in test_scrape_page_mv</pre>			

```
[exec] self.assertEqual(result['response_code'], 200)
[exec] KeyError: 'response_code'
[exec]
[exec] -----
```

Associated revisions

Revision 734 - 11/09/2019 01:42 AM - Imurphey

Increasing timeouts to make tests more stable

Reference #2503

Revision 736 - 11/09/2019 02:37 AM - Imurphey

Putting a size limit on files

Reference #2503

History

#1 - 11/09/2019 01:34 AM - Luke Murphey

Questions:

- What is the result that is getting returned?
 - Timed out error
- Does increasing the timeout fix it?
 - Seems to fix most
 - test_scrape_page_include_empty_matches is still failing
 - This test succeeds if I run it again though
 - ant test -Dtest=TestWebInput.test_scrape_page_include_empty_matches
- Do the tests pass when the browser is disabled?
- Does it work with a really high timeout?
 - Still fails at 30 seconds
- Does it work if I connect to it ahead of time before the tests run with my own browser (since the page seems load fast after the first time)?

Observations:

- This doesn't fail on 7.3.1
- There is a delay when connecting to the web-server from my browser
- The output on the server also seems very, very slow
- Seeing the following upon connection to /html:

```
[exec] -----
[exec] 127.0.0.1 - - [08/Nov/2019 18:13:52] "GET /html HTTP/1.1" 200 -
[exec] -----
[exec] Exception happened during processing of request from ('127.0.0.1', 54963)
[exec] Traceback (most recent call last):
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/socketserver.py", line 316, in _handle_request_noblock
[exec]     self.process_request(request, client_address)
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/socketserver.py", line 347, in process_request
[exec]     self.finish_request(request, client_address)
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/socketserver.py", line 360, in finish_request
[exec]     self.RequestHandlerClass(request, client_address, self)
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/socketserver.py", line 720, in __init__
[exec]     self.handle()
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/http/server.py", line 426, in handle
[exec]     self.handle_one_request()
[exec]   File "/Users/lmurphey/Splunk/py3/lib/python3.7/http/server.py", line 414, in handle_one_request
[exec]     method()
[exec]   File "/Users/lmurphey/git/splunk-web-input/tests/test_web_server.py", line 187, in do_GET
[exec]     self.get_file("web_files", "simple.html")
[exec]   File "/Users/lmurphey/git/splunk-web-input/tests/test_web_server.py", line 148, in get_file
[exec]     return self.wfile.write(content)
```

```
[exec] File "/Users/lmurphey/Splunk/py3/lib/python3.7/socketserver.py", line 799, in write
[exec]     self._sock.sendall(b)
[exec] BrokenPipeError: [Errno 32] Broken pipe
[exec] -----
```

- Disabling `test_scrape_page_download_limit` seems to fix it. It appears that the failure of the web-server in that case leaks over to the next test case somehow.

#2 - 11/09/2019 02:42 AM - Luke Murphey

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*