

File Meta-data Monitoring - Feature #2466

HTML Test Runner fails with Python 3

10/08/2019 02:49 AM - Luke Murphey

Status:	Closed	Start date:	10/07/2019
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.4.3		
Description			
<ul style="list-style-type: none">• http://tungwaiyip.info/software/HTMLTestRunner.html• https://github.com/tungwaiyip/HTMLTestRunner			

Associated revisions

Revision 88 - 10/22/2019 04:50 PM - lmurphey

Improving Python 3 support

Reference #2466:

Revision 89 - 10/22/2019 04:50 PM - lmurphey

Improving Python 3 support

Reference #2466:

History

#1 - 10/08/2019 04:18 PM - Luke Murphey

Observations:

- REPORT_TEST_WITH_OUTPUT_TMPL was causing an issue because it had unicode in it
- The output

Questions:

- What happens when I use just r?"

```
[exec] File "unit.py", line 460, in <module>
[exec]     run_tests()
[exec] File "unit.py", line 457, in run_tests
[exec]     test_runner.run(unittest.TestSuite(suites))
[exec] File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 648, in run
[exec]     self.generateReport(test, result)
[exec] File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 695, in generateRe
port
[exec]     report = self._generate_report(result)
[exec] File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 759, in _generate_
report
[exec]     self._generate_report_test(rows, cid, tid, n, t, o, e)
[exec] File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 805, in _generate_
report_test
[exec]     status = self.STATUS[n],
[exec] UnicodeDecodeError: 'ascii' codec can't decode byte 0xc3 in position 557: ordinal not in range
(128)
```

- What happens when I use "six.text_type()" and r:

```
[exec] Traceback (most recent call last):
[exec]   File "unit.py", line 8, in <module>
[exec]     import HTMLTestRunner
[exec]   File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 148, in <module>
[exec]     class Template_mixin(object):
[exec]   File "/Users/lmurphey/git/splunk-file-info/tests/HTMLTestRunner.py", line 500, in Template_mixin
[exec]     """
[exec] UnicodeDecodeError: 'ascii' codec can't decode byte 0xc3 in position 555: ordinal not in range (128)
```

- I get the same error as above using just `six.text_type()`:
- What happens when I clear the template?
 - It works
 - The customized close character was the problem
- Output redirector is failing: "'unicode' does not have the buffer interface"
 - Removing the unicode conversion code fixed it

#2 - 10/22/2019 04:48 PM - Luke Murphey

- Target version set to 1.4.3

#3 - 10/22/2019 04:50 PM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 0 to 100