Splunk Apps - Task #2128

Switch to better reporting mechanism

11/03/2017 01:34 AM - Luke Murphey

Status:	Closed	Start date:	11/02/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			

Description

History

#1 - 11/03/2017 01:35 AM - Luke Murphey

- HtmlTestRunner: https://github.com/oldani/HtmlTestRunner/releases: 1.1.1
- Jinja: https://github.com/pallets/jinja/releases: 2.9.6
- MarkupSafe: https://pypi.python.org/pypi/MarkupSafe: 1.0.0

#2 - 11/03/2017 01:44 AM - Luke Murphey

How to use the report files:

- https://docs.gocd.org/current/configuration/managing_artifacts_and_reports.html
- https://docs.gocd.org/current/configuration/dev_upload_test_report.html

#3 - 11/03/2017 02:19 AM - Luke Murphey

HtmlTestRunner doesn't allow you to set a static file name.

Here is what I am considering:

- Setting outsuffix so that the file doesn't have the time markers
    - This causes the file to not even have an ending
    - The file name will still change depending on the test name which means GoCD cannot pull it in
- Renaming the file when done
    - This doesn't work since the test runner calls exit()
- The system creates multiple HTML files (one for each class)
    - See https://github.com/oldani/HtmlTestRunner/issues/6

#4 - 11/03/2017 02:57 AM - Luke Murphey

See also http://tungwaiyip.info/software/HTMLTestRunner.html

- Isn't capable of running the entire test suite without declaring the entire test suite
- Apparently doesn't run all tests from a suite via a list from loader.loadTestsFromTestCase()
- Doesn't allow running individual tests via CLI options

#5 - 11/03/2017 05:18 AM - Luke Murphey

- Project changed from Webhooks Input to Splunk Apps

#6 - 11/03/2017 05:06 PM - Luke Murphey

- splunk-app-unit-tests-6.2-plus
  - **[Done]** webhooks-input
  - **[Done]** web-input
  - **[Done]** ftp-receiver
  - **[Done]** syndication-input
  - **[Done]** network-tools
- splunk-app-unit-tests-6.3-plus
  - **[Done]** website-monitoring
- splunk-app-unit-tests-6.0-plus
  - **[Done]** file-info
- splunk-app-unit-tests-6.4-plus
  - **[Done]** lookup-editor

#7 - 11/03/2017 09:01 PM - Luke Murphey

Here is another one: https://github.com/lucrib/HTMLTestRunner2

#8 - 11/04/2017 06:18 AM - Luke Murphey

I don't think it is logging skipped tests.

#9 - 11/04/2017 07:07 AM - Luke Murphey

For future reference, here is how I am upgrading the tests:

Add the following imports:

```
import errno
import HTMLTestRunner
```

Make sure to put the HTMLTestRunner class next to unit.py.

Then add the test code:

```
if __name__ == '__main__':
    report_path = os.path.join('..', os.environ.get('TEST_OUTPUT', 'tmp/test_report.html'))

    # Make the test directory
    try:
        os.makedirs(os.path.dirname(report_path))
    except OSError as exception:
        if exception.errno != errno.EEXIST:
            raise

    with open(report_path, 'w') as report_file:
        test_runner = HTMLTestRunner.HTMLTestRunner(
            stream=report_file
        )
        unittest.main(testRunner=test_runner)
```

#10 - 11/04/2017 07:30 AM - Luke Murphey

- % Done changed from 0 to 80

#11 - 11/04/2017 06:02 PM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 80 to 100