

Stress Tests

Stress Test App Suite:

```
'''
Runs the test suite in parallel x number of times
'''

import os
import sys
import datetime

#Get the arguments from CLI
paramIn = sys.argv[1]
numofTimes = int(paramIn)
command = "python runTestSuite.py 10 &"

timeStart = datetime.datetime.now()
for num in range(0, numofTimes):
    os.system(command)
timeEnd = datetime.datetime.now()

print("Input parallels used for StressTest:", numofTimes)
print("Number of times runTestSuite was used: 10")
print("Time started:", timeStart)
print("Time ended:", timeEnd)
```

Stress Tests

Output

```
PROBLEMS 10 OUTPUT DEBUG CONSOLE TERMINAL 1: cmd + - - Docs: https://docs.pytest.org/en/latest/warnings.html ----- 18 passed, 1 warnings in 2.69 seconds ----- test session starts ----- platform win32 -- Python 3.7.3, pytest-4.5.0, py-1.8.0, pluggy-0.11.0 rootdir: C:\Users\vmr\OneDrive - Seattle University\CPS\SQL\TestingAndDebugging\Project\TestingDebugging-Project\pagan-master plugins: cov-2.6.1 collected 18 items test_generator.py . test_hasgrinder.py ..... test_pagan.py -- test_reader.py ----- warnings summary ----- C:\Users\vmr\Anaconda3\envs\pytest\lib\site-packages\_pytest\resultlog.py:39 C:\Users\vmr\Anaconda3\envs\pytest\lib\site-packages\_pytest\resultlog.py:39: PytestDeprecationWarning: --result-log is deprecated and scheduled for removal in pytes t 5.0. See https://docs.pytest.org/en/latest/deprecations.html#result-log-result-log for more information. _issue_warning_captured(RESET_LOG, config.hook, stacklevel=2) -- Docs: https://docs.pytest.org/en/latest/warnings.html ----- 18 passed, 1 warnings in 2.57 seconds ----- platform win32 -- Python 3.7.3, pytest-4.5.0, py-1.8.0, pluggy-0.11.0 rootdir: C:\Users\vmr\OneDrive - Seattle University\CPS\SQL\TestingAndDebugging\Project\TestingDebugging-Project\pagan-master plugins: cov-2.6.1 collected 18 items test_generator.py . test_hasgrinder.py ..... test_pagan.py -- test_reader.py ----- warnings summary ----- C:\Users\vmr\Anaconda3\envs\pytest\lib\site-packages\_pytest\resultlog.py:39 C:\Users\vmr\Anaconda3\envs\pytest\lib\site-packages\_pytest\resultlog.py:39: PytestDeprecationWarning: --result-log is deprecated and scheduled for removal in pytes t 5.0. See https://docs.pytest.org/en/latest/deprecations.html#result-log-result-log for more information. _issue_warning_captured(RESET_LOG, config.hook, stacklevel=2) -- Docs: https://docs.pytest.org/en/latest/warnings.html ----- 18 passed, 1 warnings in 2.63 seconds ----- Time Started: 2019-06-05 16:54:05.147538 Time Ended: 2019-06-05 16:54:31.500038 Input parallels used for StressTest: 10 Number of times runInContext was used: 10 Time started: 2019-06-05 16:49:54.734083 Time ended: 2019-06-05 16:54:31.541930
```