TESTY W PYTEST

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Instalacja

FreeBSD package:
pkg install py27-pytest

pip package:
pip install pytest

Parametryzacja testów

```python
@pytest.mark.parametrize('par1, par2'[
    (2, 2),
    (3, 3),
])
def test_func(par1, par2):
    assert par1 == par2
```

Fixtures

```python
@pytest.fixture()
def func():
    conn = set_up()
    yield conn
    teardown()


@pytest.mark.usefixtures(func)
def test_conn()
    pass
```

Fixtures

```
SCOPE=[FUNCTION, CLASS, MODULE, PACKAGE, SESSION]

@pytest.fixture(scope="")
def func()
  pass
```

Fixtures

```python
@pytest.fixture()
def par1(request):
    return request.param * 2


@pytest.mark.parametrize('par1, par2'[
    (1, 2),
    (3, 6),
], indirect=['par1'])
def test_func(par1, par2):
    assert par1==par2
```

Uruchamianie testów


```
λ pytest test_check.py
=========================== test session starts ===========================
platform win32 -- Python 2.7.12, pytest-3.6.2, py-1.5.4, pluggy-0.6.0
rootdir: C:\Users\aleksander, inifile:
collected 1 item

test_check.py .                                                      [100%]

========================= 1 passed in 0.09 seconds ========================
```

Log

```
$ pytest test_assert2.py
========================= test session starts =========================
platform linux -- Python 3.x.y, pytest-4.x.y, py-1.x.y, pluggy-0.x.y
rootdir: $REGENDOC_TMPDIR, inifile:
collected 1 item

test_assert2.py F                                              [100%]

============================== FAILURES ===============================
_____ test_set_comparison _____

    def test_set_comparison():
        set1 = set("1308")
        set2 = set("8035")
>       assert set1 == set2
E       AssertionError: assert {'0', '1', '3', '8'} == {'0', '3', '5', '8'}
E         Extra items in the left set:
E         '1'
E         Extra items in the right set:
E         '5'
E         Use -v to get the full diff

test_assert2.py:5: AssertionError
========================= 1 failed in 0.12 seconds =========================
```

Źródło:https://docs.pytest.org

Raporty

report.html

Report generated on 13-Dec-2018 at 10:48:58 by pytest-html v1.19.0

Environment

JAVA_HOME	C:\Program Files\Java\jdk-9.0.4
Packages	{'py': '1.5.4', 'pytest': '3.6.2', 'pluggy': '0.6.0'}
Platform	Windows-10-10.0.17134
Plugins	{'html': '1.19.0', 'metadata': '1.7.0'}
Python	2.7.12

Summary

1 tests ran in 0.03 seconds.

(Un)check the boxes to filter the results.

☑ 1 passed, ☑ 0 skipped, ☑ 0 failed, ☑ 0 errors, ☑ 0 expected failures, ☑ 0 unexpected passes

Results

Show all details / Hide all details

▲ Result	▼ Test	▼ Duration	Links
Passed (show details)	check.py::test_func	0.00	

Podsumowanie

Pytania

Dziękuję :)