

Component: Framework

utility code

my_test_framework

- | - my_test_framework

 - | - **framework**

 - **selenium_utils.py**

 - **utils.py**

 - **exceptions.py**

- | - tests

 - conftest.py

 - pytest.ini

 - test_simple.py

- requirements.txt

Component: Test Fixtures

A test may require certain setup and preparatory steps before it can be run. A test may also require certain clean-up and post-execution steps in order to return the system to a ready state.

Test fixtures are where you put these setup and takedown steps, as well as other test-supporting system actions.

Component: Framework utility code

You will often have code that isn't test code, but that supports the tests, the data used in tests, the reporting of test results, logging, etc. That's the kind of code that goes into the framework utility code.

Examples:

- When dealing with json data, I like to pretty format the json in my logging, so I have a pretty logging method in my framework/utils.py.
- I put custom exceptions in framework/exceptions.py
- If I have code that supports the selenium wrapper, that goes in framework/selenium_utils.py

```
my_test_framework
|- my_test_framework
  |- framework
    - selenium_utils.py
    - utils.py
    - exceptions.py
  |- tests
    - conftest.py
    - pytest.ini
    - test_simple.py
  - requirements.txt
```

The specifics of your supporting code will be contextually relevant to you; for “housekeeping”, it makes sense to keep this code out of your test code.