

Component: Test Tools

my_test_framework

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 - **framework**

 - **selenium_utils.py**

- tests

 - conftest.py

 - pytest.ini

 - test_simple.py

- requirements.txt

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

```
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|- 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.

Component: Test Tools

Test tools are libraries that support ways to interact with target applications, or that supply specialized logic for performing some work. Some examples:

- ✦ UI drivers (selenium wrapper, appium wrapper)
- ✦ HTTP library (requests)
- ✦ HTML & XML parsers (Beautiful Soup, requests-html)

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