

# Pytest Test Protocol

## Documented function: 'tests/test\_plugin.py::test\_runtest\_protocol\_hook\_is\_called'

This is the docstring of a pytest test function. You can add your test explanation here and pytest-iso will print this section in the top frame of the PDF.

Pytest hooks will be tested by the pytest plugin "pytester". Pytester creates isolated environments to test pytest functionalities.

In this test example conftests and example functions are created that interact with pytest hooks defined in pytest-iso.

Finally, it will be evaluated if the hook was called and the function name is properly provided.

```
def test_runtest_protocol_hook_is_called(pytester):

    # hook needs to be exposed via conftest
    pytester.makeconftest()

    # example test
    pytester.makepyfile()

    # hook recorder
    hookrec = pytester.inline_run("-q")
    hookrec.assertoutcome(passed=1)

    # assert that hook was called (one example function so one call)
    calls = hookrec.getcalls("pytest_runtest_protocol")
    assert len(calls) == 1

    # check that function name is provided with nodeid
    call = calls[0]
    assert call.item.nodeid.endswith("::test_example")

    # only one item to test so nextiitem is none
    assert call.nextitem is None
```