

Test Discovery

In this lecture I'm going to discuss PyTest's ability to automatically discover unit tests.

Test Discovery

- Pytest will automatically discover tests when you execute based on a standard naming convention.
- Test functions should include “test” at the beginning of the function name.
- Classes with tests in them should have “Test” at the beginning of the class name and not have an “__init__” method.
- Filenames of test modules should start or end with “test”. (i.e. test_example.py or example_test.py)

- Pytest will automatically find your tests when you run it from the command line using several naming rules for the test files, test classes, and test functions.
- Test function names should begin with “test”.
- Classes with tests in them should have the word “Test” with a capital T at the beginning of the class name. These classes should also have no “init” method.
- The filenames for test modules should start with “test_” or end with “_test”.
- Lets look at some examples to see how test discovery works.