

What is Harness?

Test Harness, also known as automated test framework mostly used by developers. A test harness provides stubs and drivers, which will be used to replicate the missing items, which are small programs that interact with the software under test.

Test Harness Features:

- To execute a set of tests within the framework or using the test harness
- To key in inputs to the application under test
- Provide a flexibility and support for debugging
- To capture outputs generated by the software under test
- To record the test results *pass/fail* for each one of the tests
- Helps the developers to measure code coverage at code level.

Test Harness Benefits:

- Increased productivity as automation is in place.
- Improved quality of software as automation helps us to be efficient.
- Provides Tests that can be scheduled.
- Can handle complex conditions that testers are finding it difficult to simulate.