

5 WAYS

to Simplify Your Automated Test Cases



DECREASE SCOPE

Limit the scope of the test to the minimal set of actions, behaviors, and verification points that are absolutely required to determine if expectations meet actuals.



FAIL FOR 1 REASON

Make sure that when a test case fails, we know exactly why it fails. This helps with naming, conceptualizing, reporting, and communicating about tests.



IDENTIFY RESPONSIBILITY

What is the responsibility of this test case? What is its reason for existing? Know what a test case is supposed to do and don't let it do anything else.



THE SIMPLEST THING THAT COULD WORK

Avoid complexity. Try testing things naively and simply. Don't complicate scenarios if you don't have to. Think "what steps can I remove from this test case and still achieve my goal?"



AVOID DEPENDENCIES

When a chain of dependent test cases all fail, what are you learning about the SUT? That the first test failed? Then why have all the rest? Make test cases isolated and independent.

