

Chapter 10. Test Code Quality

1. Maintainable test code

- fast tests
- cohesive, independent, isolated tests
- reasoning for testing
- repeatable tests
 - flakiness: external or shared resources, time-outs, hidden interaction
 - ↳ async wait, concurrency, test order dependency
- strong assertions
- break if behavior changes
- single, clear reason to fail
- easy to write
- easy to read
- easy to change and evolve

2. Avoid

- excessive duplication
- unclear assertions
- bad handling of complex or external resources
- too general fixtures
- sensitive assertions