Test Suites

Software Testing Introduction

TRAINING CENTER

Read and remember!

Test Suite – a set of test cases or test procedures to be executed in a specific test cycle.

Usually test suites are sets of test cases selected with some common goal or on some common basis.

The main idea here is to manage testing process, to organize huge number of test cases into small convenient sets.

Test Suites creation logic

When composing test suites, we may use any common sense. I.e. we may compose a test suite with test cases that...

Cover the same requirements section
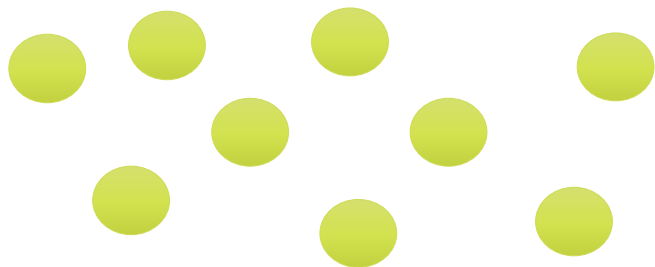
Have the same priority, module/submodule/etc...

Work with the same functionality (e.g. FS, DBMS)

Cover some user scenario or typical set of actions

Read and remember!

Free set of test cases doesn't imply any specific execution order, it only composes several test cases together.

Linked set of test cases implies specific execution order.

Free

Linked

Test Suites: free sets and linked sets

Free	Linked
Easy to compose	Need less preparations and steps
Easy to change execution order	Continues work from the point where previous test case ends
Still work if some test cases fail	Easy to emulate user scenarios
May produce some redundancy	**If previous test case fails, all next-in-chain test cases fail too**
Hard to emulate user scenarios	

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