

Overall process (cont'd)

- At least one test case for each operation
- © Some operations/methods depend on other objects
- test stubs can be used to solve this





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Junit test structure

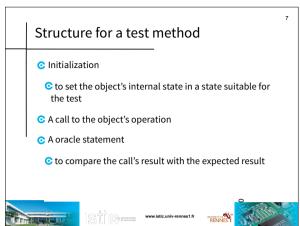
- C A test case is implemented
- c by an operation with an annotation
- c setup, calls and oracle are in the method
- © A test class groups a set of test operations
- c usually a test class for each tested class

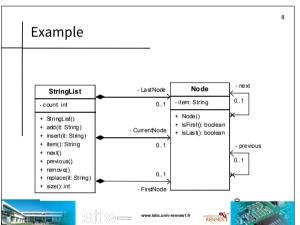


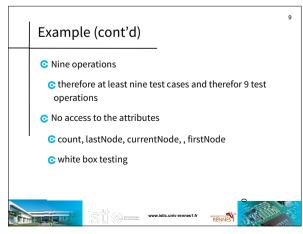


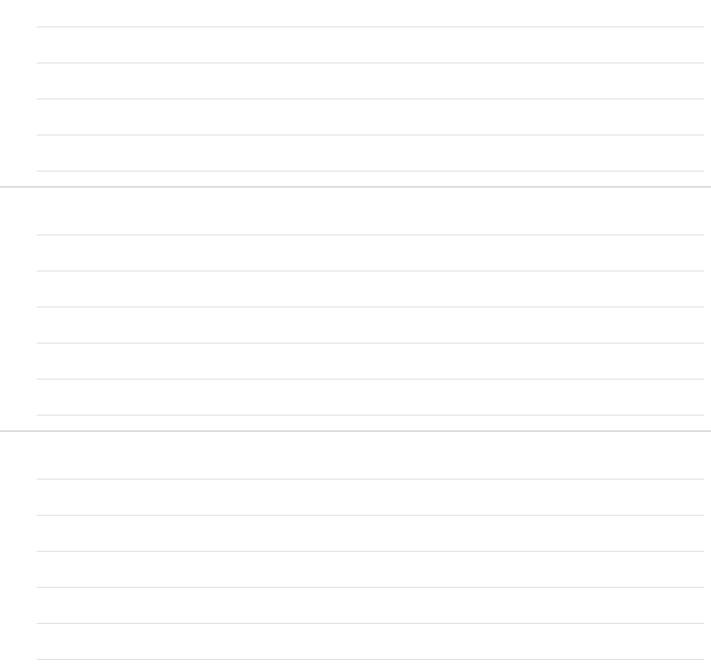
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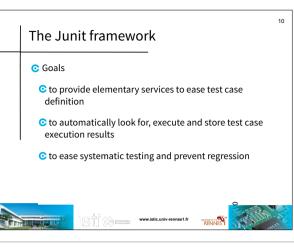


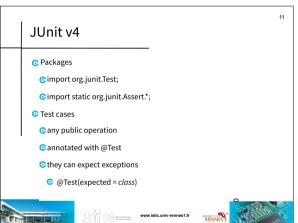


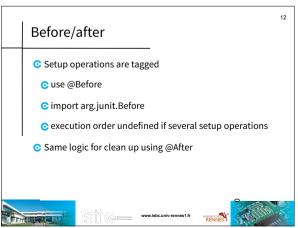




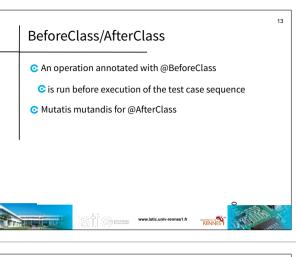


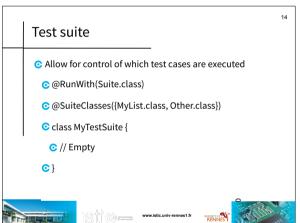


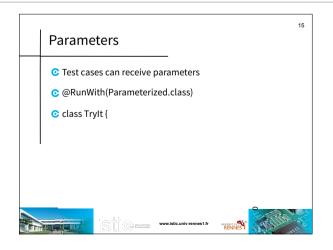


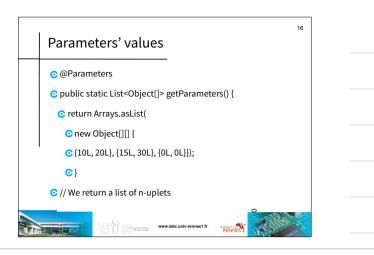


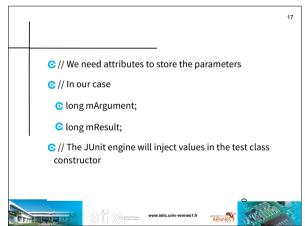


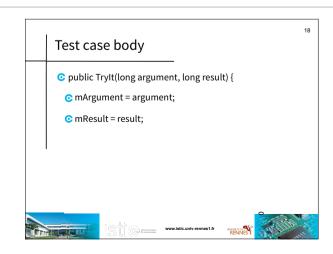


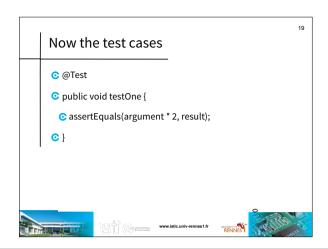


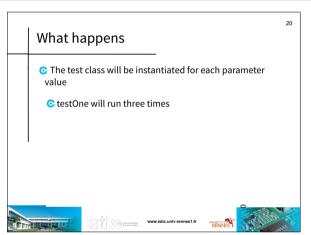


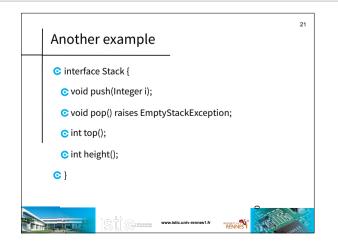




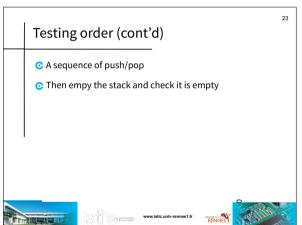


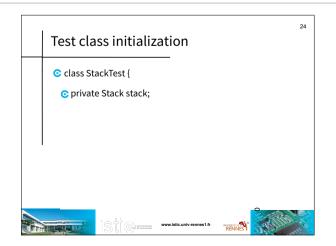


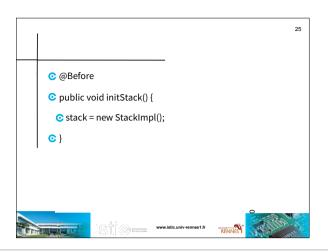


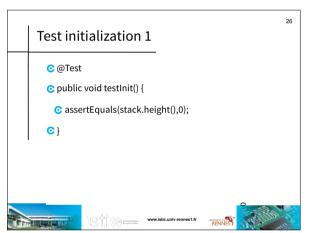


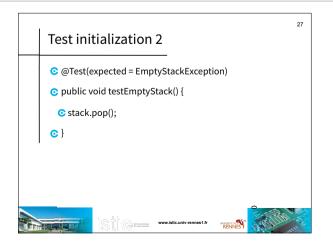


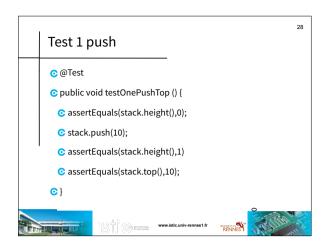


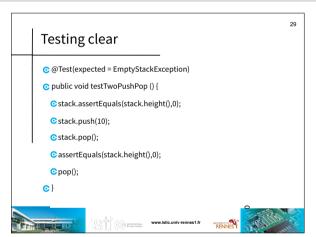


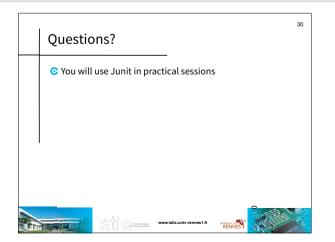


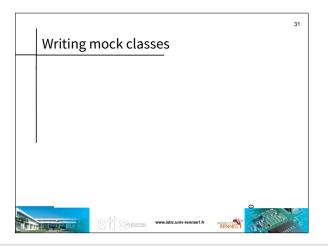




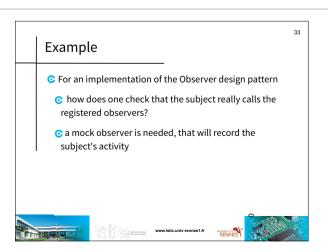




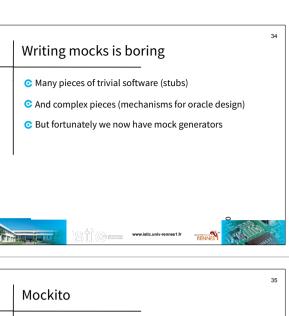


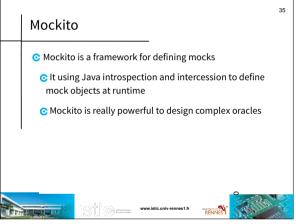


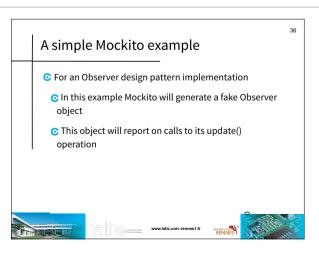
Mock classes Mock classes help in unit testing they provide a simulated, controlled environment for the class under test in practice, they are a vital part of the tests as they are a part of the oracle

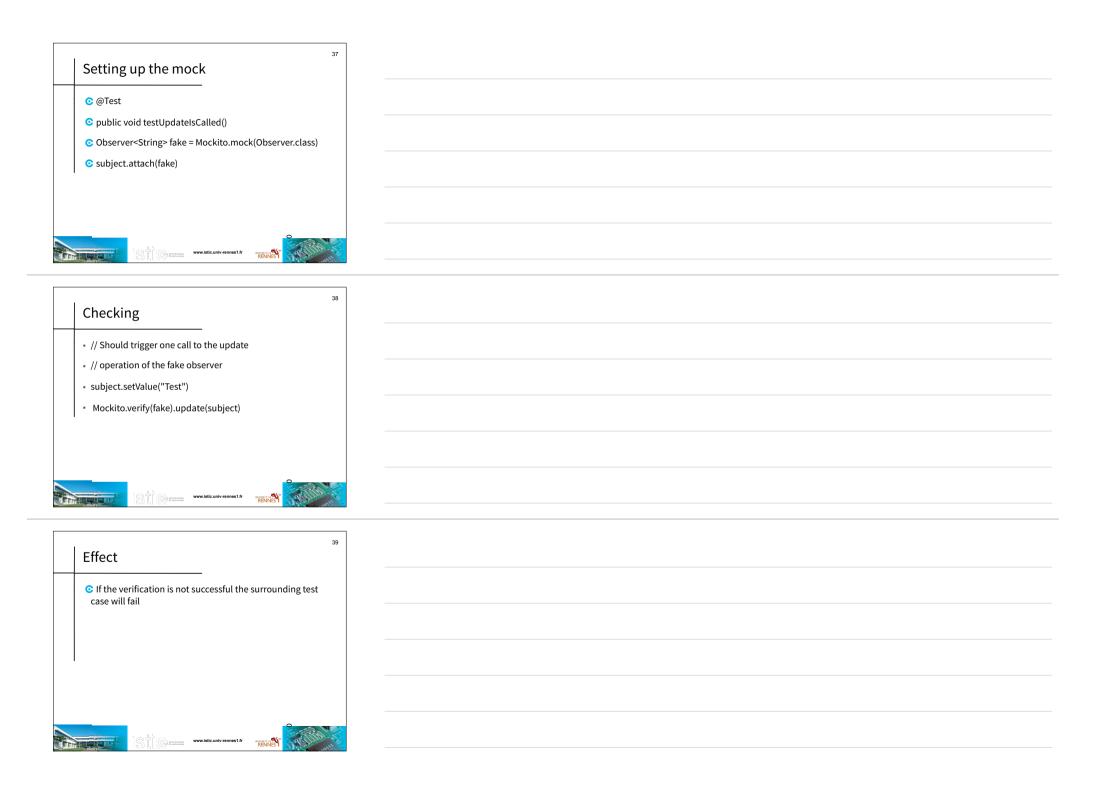












More details on Mockito	
c https://code.google.com/p/mockito/	
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