Test-Driven Development

Learn the "Test First" Approach to Coding



SoftUni Team Technical Trainers







Software University

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Have a Question?



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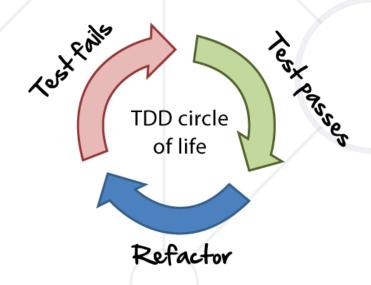
#java-advanced



Unit Testing Approaches

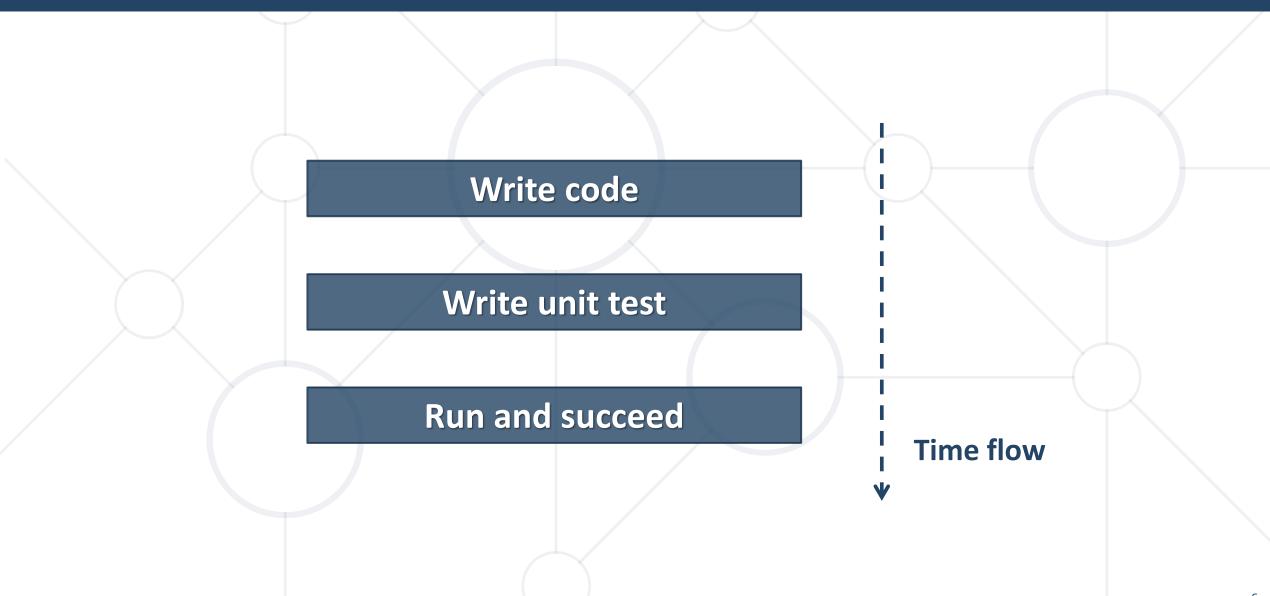


- "Code First" (code and test) approach
 - Classical approach
- "Test First" approach
 - Test-driven development (TDD)



The Code and Test Approach





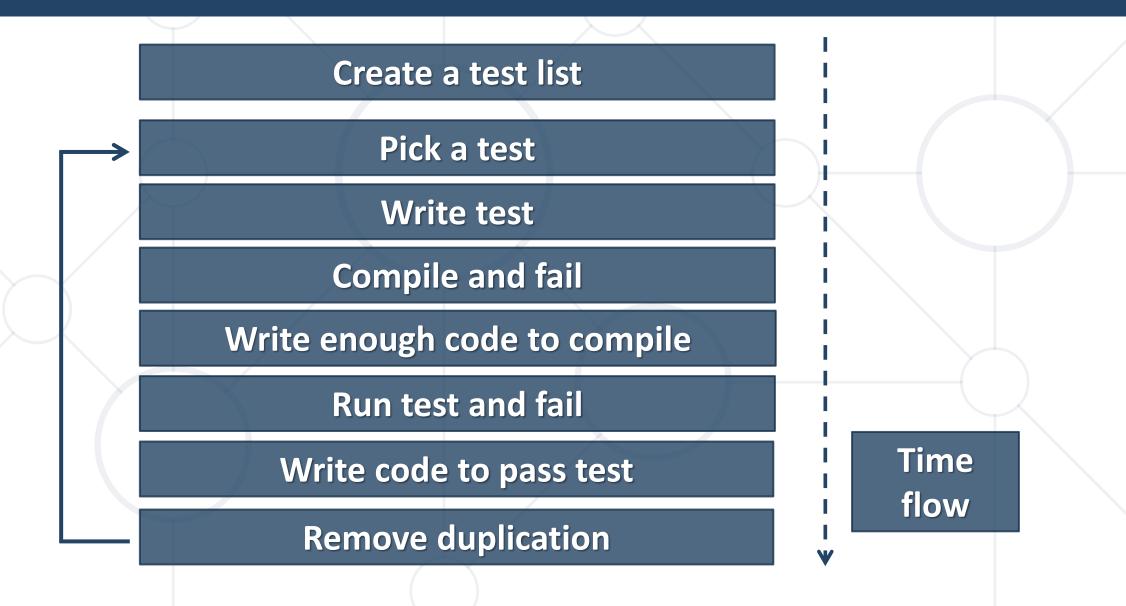
The Test-Driven Development Approach





Test-Driven Development (TDD)





Why TDD?



- TDD helps find design issues early
 - Avoids reworking
- Writing code to satisfy a test is a focused activity
 - Less chance of error
- Tests will be more comprehensive than if they are written after the code



Summary



- Code and Test
 - Write code, then test it
- Test-Driven Development
 - Write tests first
- Reasons to use TDD
 - Prevent some application design flaws
 - Manage complexity more easily





Questions?

















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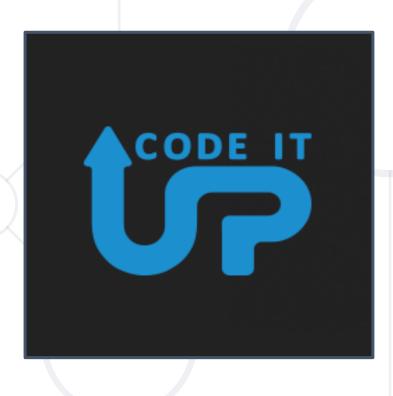






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