Controlling Test Execution

Understanding Test Execution Options

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JUnit Test Control Capabilities

New Test Types

Parameterized tests

Repeated tests

Dynamic tests

Test Execution Control

Execute tests conditionally

Control the order of test execution

Impose timeouts on tests

Execute tests in parallel

Parameterizing Tests

Run a test multiple times, with different arguments

Parameterized Tests

Achieved through annotations

Requires the junit-jupiter-params jar

Numerous ways to provide arguments:
- **@ValueSource**
- **@Null and @Empty**
- **@EnumSource**
- **@MethodSource**
- **@CsvSource**
- **@CsvFileSource**
- **@ArgumentsSource**

Each invocation has test lifecycle

Disabling Tests

Tagging and Filtering Tests

Conditional Test Execution

Conditions

Disabling

Tag filtering

Operating system

JRE

System properties and environment variables

Custom conditions

Up Next:
Managing Test Reporting