**JUnit**

* Simple framework for repeatable tests
* Uses @ notation in Java Code for executuion (ie @Test, @Before, @After, etc. )
* Unit Testing – individual tests written for specific parts of code

EXAMPLE: **package** org.eclipse.e4.core.internal.tests;

**import** **static** org.junit.Assert.assertEquals;

**import** org.junit.Test;

**public** **class** MyTests {

*@Test*

**public** **void** multiplicationOfZeroIntegersShouldReturnZero() {

*// MyClass is tested*

MyClass tester = **new** MyClass();

*// assert statements*

assertEquals("10 x 0 must be 0", 0, tester.multiply(10, 0));

assertEquals("0 x 10 must be 0", 0, tester.multiply(0, 10));

assertEquals("0 x 0 must be 0", 0, tester.multiply(0, 0));

}

}