

# JUnit

- description : JUnit
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## JUnit

JUnit A Cook's Tour

1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

## JUnit

JUnit Test Class eclipse



1. Test class > New > JUnit Test Case



2. "class name"/src className+"Test.java" . "class name"/test test

- 가 New JUnit Test Case 가 . OK

Tip: New JUnit Test Case New JUnit 4 test



3. > Run As > Junit Test Run .



#### 4. Run JUnit 가 .

- error가
- error

## Trouble Shooting

JUnit5 (X), JUnit4 (O)

#### JUnit5 가 JUnit4 .

- Java eclipse IntelliJ IDE
- 5 가 .

## Annotation

@Test	Method Test .
@BeforeClass	가 .
@AfterClass	가 .
@Before	가 .
@After	가 .
@Ignore	TestCase .

## Assert

Assert	
assertTrue	가
assertFalse	가
assertEquals	가
assertThat * assertThat(2.32*3, equalTo(6.96)) → assertTrue(Math.abs ( ( 2.32 * 3 ) - 6.96) < 0.0005) * 가 가 assertThat(' ', , matcher) *	* assertThat( , matcher) matcher equalTo() is(true) startsWith('xyz') not(equalTo()) is(not(nullValue())) is(notNullValue()) closeTo(, ) import static org.hamcrest.number.IsCloseTo.*

# Tip

## Related knowledge

### xUnit

xUnit

JUnit xUnit

xUnit		
CUnit	C	<a href="http://cunit.sourceforge.net/">http://cunit.sourceforge.net/</a>
CppUnit	C++	<a href="https://sourceforge.net/projects/cppunit/">https://sourceforge.net/projects/cppunit/</a>
PHPUnit	PHp	<a href="https://phpunit.de/">https://phpunit.de/</a>
PyUnit	Python	<a href="http://pyunit.sourceforge.net/">http://pyunit.sourceforge.net/</a>
JUnit	Java	<a href="http://junit.org/">http://junit.org/</a>

## Terms

FIRST( , , 가 , 가 , )

- Fast
- Isolated
- Repeatable
- Self-validating
- Timely

A.A.A( , , )

- Arrange
- Act
- Assert

## Ref

JUnit ( )

, JUnit, junit

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