

# JUnit

- description : JUnit
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## JUnit

[JUnit A Cook's Tour](#)

[JUnit5](#)

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1. @Test가 public void 가
2. .
3. @Before가 가 .
4. @Test가 .
5. @After가 가 .
6. 2~5 .
7. .

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                   .                   “class name”/test                   test  
                  className+“Test.java”                   .

- 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

Assert	
assertEqual	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.*
import static org.junit.Assert.* import static org.hamcrest.CoreMatchers.*  , failure	

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

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, , [JUnit](#), [junit](#)

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