

JUnit

- description : JUnit
- author :
- email : hylee@repia.com
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JUnit

[JUnit A Cook's Tour](#)

[JUnit5](#)

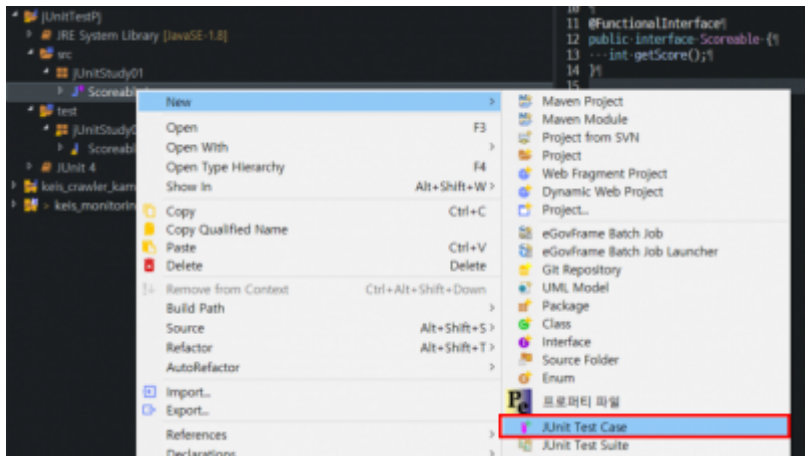
(3)

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

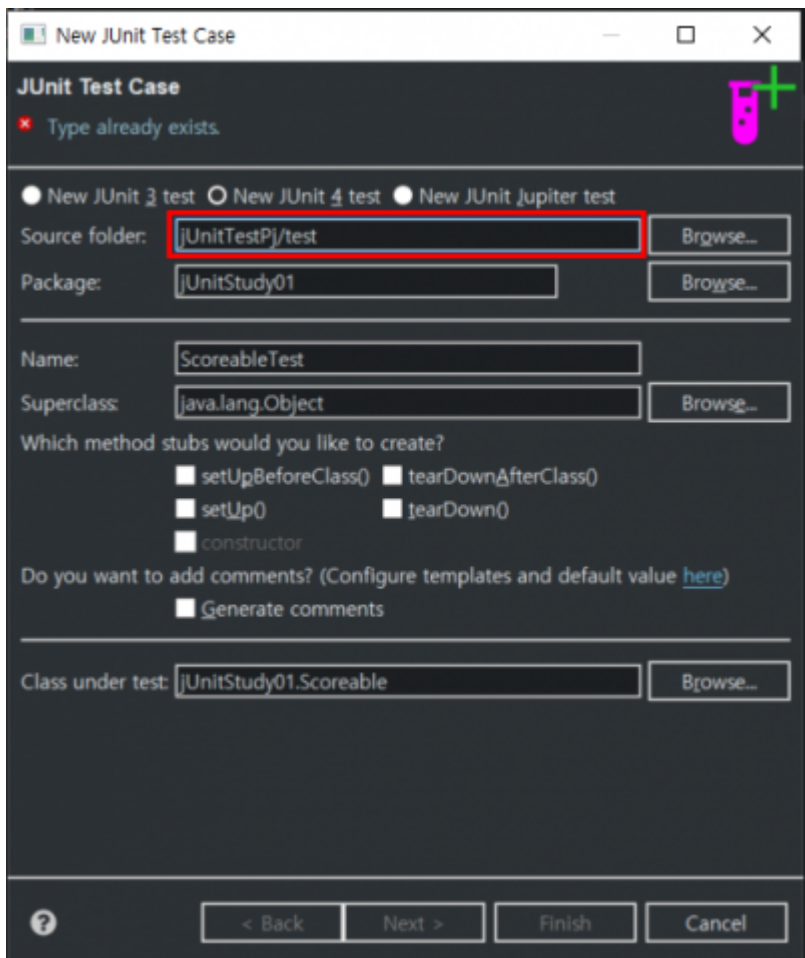
1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

JUnit

JUnit Test Class eclipse



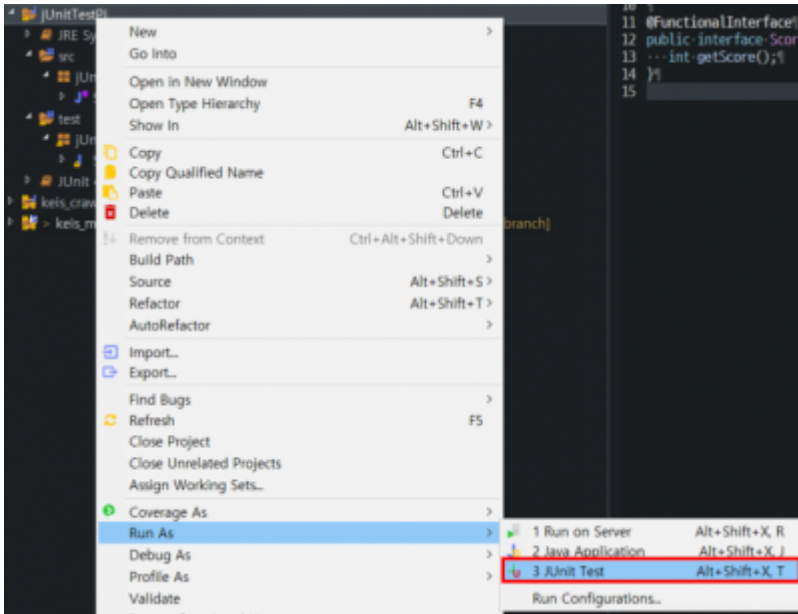
1. Test class > New > JUnit Test Case



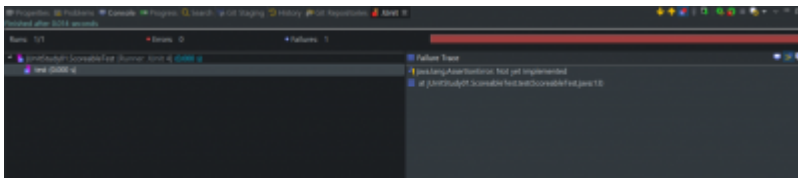
2. "class name"/src . "class name"/test test
className+"Test.java"

- 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 method	assertThat method	static Import	
assertNull(value);	assertThat(actual, nullValue);	org.hamcrest.core.IsNull.nullValue	
assertNotNull(value);	assertThat(actual, notNullValue);	org.hamcrest.core.IsNull.notNullValue	
assertTrue(value);	assertThat(actual, is(true));	org.hamcrest.core.Is.is	가
assertTrue(1 > 3);	assertThat(1, greaterThan(3));	org.hamcrest.number.OrderingComparison.greaterThan	
assertTrue("abc".contains("d"));	assertThat("abc", containsString("d"));	org.hamcrest.core.StringContains.containsString	
assertFalse(value);	assertThat(actual, is(false));	org.hamcrest.core.Is.is	가
assertEquals("expected", "actual");	assertThat("actual", is("expected"));	org.hamcrest.core.Is.is	가
assertArrayEquals(new String[]{"test1", "test2"}, new String[]{"test3", "test4"});	assertThat(new String[]{"test1", "test2"}, is(new String[]{"test3", "test4"}));	org.hamcrest.core.Is.is	
assertSame(expected, actual);	assertThat(actual, sameInstance(expected));	org.hamcrest.core.IsSame.sameInstance	
assertNotSame(expected, actual);	assertThat(actual, not(sameInstance(expected)));	org.hamcrest.core.IsNot.not, org.hamcrest.core.IsSame.sameInstance	
assertThat * assertThat(2.32*3, equalTo(6.96)) → assertTrue(Math.abs ((2.32 * 3) - 6.96) < 0.0005) * 가 가 assertThat(' ', matcher) *	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	http://cunit.sourceforge.net/
CppUnit	C++	https://sourceforge.net/projects/cppunit/

xUnit		
PHPUnit	PHp	https://phpunit.de/
PyUnit	Python	http://pyunit.sourceforge.net/
JUnit	Java	http://junit.org/

Terms

FIRST(, , 가 , 가 ,)

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

A.A.A(, ,)

- Arrange
- Act
- Assert

Ref

| JUnit ()

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

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