

Annotations

@After
@AfterClass
@Before
@BeforeClass
@Test
@Test(expected=Exception.class)
@Test(timeout=milliseconds)

JUnit Asserts

assertArrayEquals
assertEquals assertNotEquals
assertFalse assertTrue
assertNull assertNotNull
assertSame assertNotSame
fail

Assert methods optionally take an error string as the first parameter, followed by *expected* and *actual* values.

Hamcrest Assert

Hamcrest asserts take the form
`assert That (msg, actual, matcher)`
Example:
`assert That ("Unauthorized User", authorizeUser, hasKey (userName))`

Core Matchers

allOf, anyOf
and, both, either, or
containsString, endsWith, startsWith
equal
hasKey
hasItem, hasItems
not
nullValue
sameInstance

These are the matchers which are included in JUnit 4

Number Matchers

closeTo
equalTo
notEqualTo

Array Matchers

arrayContaining
arrayContainingInAnyOrder
arrayWithSize
emptyArray

Collection Matchers

contains
containsInAnyOrder
empty
emptyCollectionOf
emptyIterableOf
hasEntry
hasKey
hasValue
isIn
isOneOf

Bean Matchers

hasProperty
hasPropertyWithValue
samePropertyValueAs

Object Matchers

hasToString
typeCompatibleWith

String Matchers

equalTo
equalToIgnoreCase
equalToIgnoreWhiteSpace
isEmptyOrNullString
isEmptyString
stringContainsInOrder



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