



Biblioteca: NUnit

Erick Vinicius Oliveira de Paiva
Guilherme Luiz Carvalho Pinto
Maria Clara Sales Jabali Maruch
Pedro Vítor Felix da Costa



Sobre

- Baseado no JUnit
- Categorização
 - Estrutural - teste de caixa branca
 - Testes unitários
 - Testes de funcionalidade
- Instalação
 - NUnit
 - NUnit3TestAdapter
 - Microsoft.NET.Test.Sdk

```
[TestCase(12, 3, 4)]
[TestCase(12, 2, 6)]
[TestCase(12, 4, 3)]
public void DivideTest(int n, int d, int q)
{
    Assert.AreEqual(q, n / d);
}
```

```
[TestFixture]
[DefaultFloatingPointTolerance(1)]
public class ToleranceTest
{
    [Test]
    public void ComparisonUsingDefaultFloatingPointToleranceFromFixture()
    {
        // Passes due to the DefaultFloatingPointToleranceAttribute from the fixture.
        Assert.That(1f, Is.EqualTo(2));
    }
}
```



```
public RangeAttribute(int from, int to);
public RangeAttribute(int from, int to, int step);
public RangeAttribute(long from, long to, long step);
public RangeAttribute(float from, float to, float step);
public RangeAttribute(double from, double to, double step);
```

```
[Test]
public void MyTest(
    [Values(1, 2, 3)] int x,
    [Range(0.2, 0.6, 0.2)] double d)
{
    /* ... */
}
```

```
MyTest(1, 0.2)
MyTest(1, 0.4)
MyTest(1, 0.6)
MyTest(2, 0.2)
MyTest(2, 0.4)
MyTest(2, 0.6)
MyTest(3, 0.2)
MyTest(3, 0.4)
MyTest(3, 0.6)
```



```
[Test, MaxTime(2000)]
public void TimedTest()
{
    /* ... */
}
```