

How to use NUnit's [TestCase] attribute



[Jason Hughes](#) 7 posts since

Jun 22, 2009

Hi I've just downloaded the first publicly available nightly build of ReSharper 5

Liking it so far but one of the things I was looking forward to was the native NUnit support, which I thought would mean I could use the more modern features of NUnit.

Specifically the [TestCase] attribute so I can parameterise tests.

However my tests that use [TestCase] are not being run, and they are showing up in the editor as never used code.

Will this feature be added?

Do I have to change some configuration?

Or do I have to go back to using another test runner outside of ReSharper?

Thanks for the great work!

Argos

Tags: nunit, test, nightly, resharpener, 5.0



[Victor Kropp](#) 116 posts since

May 6, 2009 1. **Re: How to use NUnit's [TestCase] attribute** Oct 21, 2009 9:56 AM

How to use NUnit's [TestCase] attribute

Sorry, missed the fact that TestCase attribute can be used without Test attribute.

Fixed now, please try next EAP build to improve your tests 😊



Jason Hughes 7 posts since

Jun 22, 2009 2. Re: **How to use NUnit's [TestCase] attribute** Oct 21, 2009 4:43 PM

Wow that was nice and quick - thanks!

However... when I run the tests using the [TestCase] attribute, it is counting all the different cases as 1 test. Where as other test runners, such as NUnit or TestDriven.NET, count and report each case as a different test.

For instance if I'm testing a function that takes a string of comma separated numbers and returns their sum I might have some cases such as:

```
[TestCase("1,2", 3)]
```

```
[TestCase("1,2,3", 6)]
```

```
public void Add_CommaSeperatedNumbers_SumOfNumbers(string numbers, int  
expected)
```

```
{
```

```
    int sum = Calculator.Add(numbers);
```

```
    Assert.AreEqual(expected, sum);
```

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```
}
```

The other test runners count this as 2 tests rather than just 1 as ReSharper is counting.

Also if I deliberately break one of the TestCases so they now read

```
[TestCase("1,2", 3)]
```

```
[TestCase("1,2,3", 10)]
```

The other test runners show me the one case that breaks and still counts the other case as working, but ReSharper indicates the whole thing is broken.

Will this be changed? Should I raise a jira item for it?



[Victor Kropp](#) 116 posts since

May 6, 2009 3. **Re: How to use NUnit's [TestCase] attribute** Oct 21, 2009 5:05 PM

It's pretty tricky to handle all those modern tests. For example, when using TestCaseSource test cases are created in runtime. We need to develop unified approach to handle such tests. We have some ideas how to do it, but don't have enough resources to do all cool things now.

How to use NUnit's [TestCase] attribute

You can create issue to track changes, if you wish. Don't worry we won't forget about this issue anyway.



[Jason Hughes](#) 7 posts since

Jun 22, 2009 4. **Re: How to use NUnit's [TestCase] attribute** Oct 21, 2009 5:25 PM

OK, thanks for the explanation!



[Igor Fle](#) 1 posts since

Oct 22, 2009 5. **Re: How to use NUnit's [TestCase] attribute** Oct 22, 2009 6:10 PM

A resharper does not support a following syntax

```
[TestCase(12,3, Result=4)] [TestCase(12,2, Result=6)] [TestCase(12,4, Result=3)] public int DivideTest(int n, int d) { return( n / d );
```



[Victor Kropp](#) 116 posts since

May 6, 2009 6. **Re: How to use NUnit's [TestCase] attribute** Oct 23, 2009 2:01 PM

Fixed in build 1521.



[jinksk](#) 1 posts since

Feb 4, 2010 7. **Re: How to use NUnit's [TestCase] attribute** Feb 4, 2010 8:56 PM

Where can I find this build? All I can find is 1288. 😞



[Alexander Pasko](#) 1 posts since

Mar 16, 2010 8. **Re: How to use NUnit's [TestCase] attribute** Mar 16, 2010 11:27 AM

TestCase attribute is working on beta. (5.0.1618.49)

But TestCaseSource not 😞 <http://www.nunit.org/index.php?p=testCaseSource&r=2.5>