

NMock3 is a Mocking and Stubbing framework that uses expectations to define interactions between a controller and the mock. Its primary use is to **be** the implementation of a code interface.

Visit http://NMock3.codeplex.com for **Tutorials** and **Documentation**.

VISIT ITTE://T	imocks.codepiex.com for fut	oriais and Documentation.
Creating a MockFactory. A MockFactory creates and ties together all mocks. Only one is needed per test class.	<pre>MockFactory _ factory = new MockFactory();</pre>	
Creating a Mock <t>. A Mock<t> is used to set</t></t>	Mock <ibusinesslogic> mock =</ibusinesslogic>	
expectations on how the underlying type will be exercised.	<pre>factory.CreateMock<ibusinesslogic>();</ibusinesslogic></pre>	
Creating a Stub <t>. A Stub<t> is a Mock<t> where all</t></t></t>	Stub <ibusinesslogic> stub =</ibusinesslogic>	
expectations are defaulted to <i>AtLeast(0)</i> . (No expectations)	<pre>factory.CreateStub<ibusinesslogic>();</ibusinesslogic></pre>	
Syntax:		
Syntax properties. Some properties in the API are only	_mock	
included for readability. (Affectionately called syntactic	.Expects	
sugar.) Expects is a "syntax class".	.####	
Specifying the number of calls. The Expects syntax	.One	.No
class contains properties to specify the number of expected	.AtLeast(int)	.Exactly(int)
calls to the member specified in the expectation	.AtMost(int)	.Between(int, int)
Expectations:		
Getting a property value. Creates an expectation that the	mock	
getter of this property will be called.	Expects	
GetProperty uses the lambda expression to extract the	.One	
name of the property for the expectation.	<pre>.GetProperty(m => m.SayHello)</pre>	
WillReturn is strongly-typed for compile time checking.	.WillReturn("Hello, World!");	
Setting a property value. Creates an expectation that the	mock	
setter of this property will be called and this value will be	- .Expects	
set. NMock3 will use the value from the lambda expression	.One	
as the expected value.	<pre>.SetPropertyTo(m => m.RowCount = 3);</pre>	
Calling a method. Creates an expectation that this	mock	
method will be called with the supplied parameters and will	Expects	
return the specified value.	.One	
Totalli tilo oposilica valdo.	<pre>.MethodWith(m => m.Search("query", 10))</pre>	
	.WillReturn(dataSet);	
Binding events. Creates an expectation that this event	EventInvoker saveInvoker =	
will be bound to a delegate. "Add" or "Remove" is inferred	mock	
by the use of "+=" or "-=" in the expression. Eventlnvoker	Expects	
is a class that can be used later to actually invoke the	.One	
event. (null is only needed for the compiler!)	.EventBinding(m => r	m.Save += null);
Firing events. Use the <i>Invoke</i> method to raise an event in	<pre>saveInvoker.Invoke();</pre>	
a unit test after all expectations have been created.		
Verification:		
Verifying calls. NMock3 will throw an exception	<pre>[TestCleanup] public void TearDown() {</pre>	
immediately when something unexpected happens. Call	<pre>factory.VerifyAllExpectationsHaveBeenMet();</pre>	
this method to verify that all expectations were met.	}	
Suppressing exceptions. Unit tests that are designed to	factory	
throw exceptions should call this method to avoid cleanup.	.SuppressUnexpectedAndUnmetExpectations();	
Advanced:	. DappiessonexpectedAndon	inicedapeceaetions (),
1 10 1 00 00 00		
The MockObject property. The Mock <t> class exposes</t>	Controler controler = new	
a MockObject property to access the underlying type.	Controler(_mock.MockObject);	
Ordering calls. NMock3 can add constraints to the	using(_factory.Ordered) {	
expectations so that they are executed in a specific order.	_mock.Expects.One.#	
	_mock.Expects.One.#	###;
T	}	
Throwing an exception. Creates an expectation that an	_mock_	
exception will be thrown when this method <i>or property</i> is	.Expects	
accessed.	.One	
	.MethodWith(m => m.	
1	.Will (Throw.Exception	on(new Exception()));