

Basic Setup

Mocking a static method

```
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    SomeType.StaticMethod();
}
```

* Private methods can only be mocked using reflective mocks, or by using VSTS framework.

Mocking chained methods†

```
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    SomeType.Instance.GetMyObject().Invoke();
}
```

Mocking an instance method

```
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    MyType mockedClass = new MyType();
    mockedClass.InstanceMethod();
}
```

Mocking an abstract class or interface

```
AbstractClass mockedClass =
    RecorderManager.CreateMockedObject< AbstractClass >();
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    mockedClass.AbstractMethod();
}
```

Mocking all instances

```
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    recorder.MockAllInstances = true;
    MyType mockedClass = new MyType();
}
```

Mocking "Out" values†

```
using (RecordExpectations recorder = RecorderManager.StartRecording())
{
    int newValue = 10;
    SomeType.StaticMethod(out newValue);
}
```

Verification

Verification

```
MockManager.Verify();
MockManager.VerifyWithTimeout();
```

Faking Behavior

Returning fake values

```
using (RecordExpectations recorder =
    RecorderManager.StartRecording())
{
    SomeType.StaticMethod();
    recorder.Return(<fake_value>);
}
```

Changing Behavior

```
recorder.Return(...);
recorder.Throw(...);
recorder.CallOriginal();
recorder.FailWhenCalled();
```

Repeating Expectations

```
recorder.Return(...).Repeat(...);
recorder.RepeatAlways();
```

Custom Return Values†

```
recorder.Return(
    new DynamicReturnValue(
        CustomReturnDelegate));
```

Conditional Expectations†

```
recorder.Return(true).When(Check...);
```

Validating Arguments

```
recorder.CheckArguments();
```

Built in Checks

Check.IsAny	Check.IsIn	Check.Or	Check.IsEqualIgnoreCase	Check.IsMatch
Check.IsEqual	Check.IsSame	Check.NotEqual	Check.IsEqualIgnoreWhiteSpace	Check.IsCloseTo
Check.IsNull	Check.Not	Check.NotNull	Check.StartsWith	Check.IsMock
Check.IsTypeOf	Check.And	Check.NotIn	Check.EndsWith	Check.CustomChecker

Custom Checks

```
recorder.CheckArguments(new ParameterCheckerEx(CustomCheckDelegate));
recorder.CheckArguments(Check.CustomChecker(new ParameterCheckerEx(CustomCheckDelegate),...));
```

Stubs†	Default Behavior	Rollback Field Values
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```
recorder.VerifyMode =
    VerifyMode.PassIfNotCalled;
```

```
recorder.DefaultBehavior.CheckArguments();
recorder.DefaultBehavior.IgnoreArguments(); *
recorder.DefaultBehavior.WhenArgumentsMatch();
recorder.DefaultBehavior.RepeatAlways();
recorder.DefaultBehavior.Repeat(...); *
recorder.DefaultBehavior.Strict
```

```
ObjectState state = new
ObjectState(test);
// Test ...

// reset the test object fields
state.Reset();
```

† Enterprise