# Summary

| | |
|---|---|
| **Generated on:** | 02-07-2022 - 12:13:24 |
| **Parser:** | CoberturaParser |
| **Assemblies:** | 3 |
| **Classes:** | 114 |
| **Files:** | 100 |
| **Covered lines:** | 105 |
| **Uncovered lines:** | 26 |
| **Coverable lines:** | 131 |
| **Total lines:** | 210 |
| **Line coverage:** | 80.1% (105 of 131) |
| **Covered branches:** | 20 |
| **Total branches:** | 22 |
| **Branch coverage:** | 90.9% (20 of 22) |

## Risk Hotspots

Assembly ∨                                     Top:                                                    Filter:

| Assembly | Class | Method | Cyclomatic complexity |
|---|---|---|---|
| Moq | Moq.StringBuilderExtensions | AppendExpression(...) | 81 |
| Moq | Moq.ExpressionComparer | Equals(...) | 79 |
| Moq | Moq.Extensions | SubstituteTypeMatchers(...) | 56 |
| Moq | Moq.HandleEventSubscription | Handle(...) | 48 |
| Moq | Moq.MatcherFactory | CreateMatcher(...) | 36 |
| Moq | Moq.MethodExpectation | Equals(...) | 32 |
| Moq | Moq.StringBuilderExtensions | AppendValueOf(...) | 32 |

# Coverage

No grouping

Collapse all | Expand all                Grouping:  ●                                                      Filter: [          ]

| Name | Covered | Uncovered | Coverable | Total | Line coverage | | Covered | Total | Branch coverage | |
|------|---------|-----------|-----------|-------|---------------|--|---------|-------|-----------------|--|
| **All** | **105** | **26** | **131** | **210** | **80.1%** | [   ] | **20** | **22** | **90.9%** | [   ] |
| Moq.ActionObserver | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.ActionObserver.Recorder | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Async.AwaitExpression | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Async.Awaitable | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Async.AwaitableFactory | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Async.TaskFactory | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Async.ValueTaskFactory | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behavior | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.Callback | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.LimitInvocationCount | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.NoOp | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.RaiseEvent | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ReturnBase | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ReturnBaseOrDefaultValue | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ReturnComputedValue | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ReturnValue | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ThrowComputedException | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Behaviors.ThrowException | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.Capture | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.CastleProxyFactory | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.CastleProxyFactory.IncludeObjectMethodsHook | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |
| Moq.CastleProxyFactory.Interceptor | 0 | 0 | 0 | 0 | | [   ] | 0 | 0 | | [   ] |

| Name | Covered | Uncovered | Coverable | Total | Line coverage | Covered | Total | Branch coverage |
|------|---------|-----------|-----------|-------|---------------|---------|-------|-----------------|
| Moq.CastleProxyFactory.Invocation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Condition | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.DefaultExpressionCompiler | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.DefaultValueProvider | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.EmptyDefaultValueProvider | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Evaluator | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Evaluator.Nominator | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Evaluator.SubtreeEvaluator | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.EventHandlerCollection | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Expectation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ExpressionComparer | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ExpressionCompiler | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ExpressionExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ExpressionReconstructor | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Expressions.Visitors.ConstructorCallVisitor | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Expressions.Visitors.EvaluateCaptures | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Expressions.Visitors.UpgradePropertyAccessorMethods | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Extensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.FailForStrictMock | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.FindAndExecuteMatchingSetup | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.GeneratedReturnsExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Guard | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.HandleEventSubscription | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.HandleWellKnownMethods | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.InnerMockSetup | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Internals.InterfaceProxy | 0 | 0 | 0 | 0 | | 0 | 0 | |

| Name | Covered | Uncovered | Coverable | Total | Line coverage | Covered | Total | Branch coverage |
|------|---------|-----------|-----------|-------|---------------|---------|-------|-----------------|
| Moq.Internals.InterfaceProxy.Invocation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Invocation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Invocation.ExceptionResult | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.InvocationAction | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.InvocationCollection | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.InvocationFunc | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.It | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.It.IsAnyType | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.It.IsValueType | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Language.Flow.SetupPhrase | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Language.Flow.SetupSequencePhrase | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Linq.MockSetupsBuilder | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Linq.MockSetupsBuilder.ReplaceMockObjectWithParameter | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.LookupOrFallbackDefaultValueProvider | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Match | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MatchExpression | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MatchFactory | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MatcherFactory | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MatcherObserver | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MatcherObserver.Observation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.AnyMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.ConstantMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.ExpressionMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.LazyEvalMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.MatcherAttributeMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Matchers.ParamArrayMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |

file:///C:/Users/Vaibhav/Source/Repos/RaceCarSet/RaceTestProject/bin/Debug/net6.0/fine-code-coverage/coverage-tool-output/index.html

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| Name | Covered | Uncovered | Coverable | Total | Line coverage | Covered | Total | Branch coverage |
|------|---------|-----------|-----------|-------|---------------|---------|-------|-----------------|
| Moq.Matchers.RefMatcher | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MethodCall | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MethodExpectation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MethodSetup | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Mock | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockDefaultValueProvider | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockException | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockFactory | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockLegacyExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockRepository | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockSequence | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.MockSequenceHelper | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Mocks | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ObsoleteMockExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ParameterTypes | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Protected.ItExpr | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Protected.ProtectedExtension | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ProxyFactory | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.RecordInvocation | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Return | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.ReturnsExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.SequenceExtensions | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.SequenceSetup | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.Setup | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.SetupCollection | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Moq.SetupWithOutParameterSupport | 0 | 0 | 0 | 0 | | 0 | 0 | |

Summary - Coverage Report

| Name | Covered | Uncovered | Coverable | Total | Line coverage | | Covered | Total | Branch coverage | |
|---|---|---|---|---|---|---|---|---|---|---|
| Moq.StringBuilderExtensions | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.StubbedPropertiesSetup | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.StubbedPropertiesSetup.PropertyAccessorExpectation | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.StubbedPropertySetup | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.StubbedPropertySetup.PropertyAccessorExpectation | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.Times | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| Moq.TypeMatcherAttribute | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| RaceSetUpLibary.RaceCarConfiguration | 3 | 8 | 11 | 22 | 27.2% | | 0 | 0 | | |
| RaceSetUpLibary.RaceCarRankDetails | 2 | 3 | 5 | 12 | 40% | | 0 | 0 | | |
| RaceSetUpLibary.RaceCarSetup | 51 | 12 | 63 | 78 | 80.9% | | 20 | 22 | 90.9% | |
| RaceSetUpLibary.RaceTrackConfiguration | 0 | 3 | 3 | 12 | 0% | | 0 | 0 | | |
| RaceTestProject.UnitTestCarSet | 49 | 0 | 49 | 86 | 100% | | 0 | 0 | | |
| TypeNameFormatter.TypeName | 0 | 0 | 0 | 0 | | | 0 | 0 | | |