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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 1 | Check a value against a range, inclusive. | | | | |
| **Test Method** | **Method Tested** | | | | |
| UnitTest1.TestMethod1() | Boolean Validator.TryRange(int n, int lowerLimit, int upperLimit) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 1.1 | n = 123 lowerLimit = 100 upperLimit = 200 | expectedReturn = true | actualReturn = true | pass |  |
| 1.2 | n = 98 lowerLimit = 100 upperLimit = 200 | expectedReturn = false | actualReturn = false | pass |  |
| 1.3 | n = 321 lowerLimit = 100 upperLimit = 200 | expectedReturn = false | actualReturn = false | pass |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | | **Test Description** | | | | | | | | |
| 2 | | Check the validity of a configuration file. | | | | | | | | |
| **Test Method** | | **Method Tested** | | | | | | | | |
| UnitTest1.TestMethod2() | | Boolean Configuration.TryParse(String path, out Configuration aConfiguration) | | | | | | | | |
| **Test Case ID** | | **Parameters** | | **Expected Data** | | **Actual Data** | **Test Result** | **Test Comments** | | |
| 2.1 | | path = Test 1 Configuration.txt aConfiguration NA | | expectedReturn = true | | actualReturn = true | pass |  | | |
| **Test Scenario ID** | **Test Description** | | | | | | | | | |
| 3 | Check that values of Configuration properties match corresponding values within the configuration file. | | | | | | | | | |
| **Test Method** | **Method Tested** | | | | | | | | | |
| UnitTest1.TestMethod3() | Boolean Configuration.TryParse(String path, out Configuration aConfiguration) | | | | | | | | | |
| **Test Case ID** | **Parameters** | | **Expected Data** | | **Actual Data** | | | | **Test Result** | **Test Comments** |
| 3.1 | path = Test 1 Configuration.txt aConfiguration NA | | aConfiguration != null | | aConfiguration != null | | | | pass |  |
| 3.2 | path = Test 1 Configuration.txt aConfiguration NA | | Type(aConfiguration) = Configuration | | Type(aConfiguration) = Configuration | | | | pass |  |
| 3.3 | path = Test 1 Configuration.txt aConfiguration NA | | expectedMin = 4 | | aConfiguration.MinimumNumberOfRows = 4 | | | | pass |  |
| 3.4 | path = Test 1 Configuration.txt aConfiguration NA | | expectedMax = 400 | | aConfiguration.MaximumNumberOfRows = 400 | | | | pass |  |