Creating Data Driven Tests and Reducing Test Code Duplication

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Overview

Creating data driven tests
- Providing method level test data
- Sharing test data across multiple tests
- Reading external test data
- Generating combinatorial tests
- Generating test data ranges

Customizing NUnit
- Creating custom attributes
- Creating custom constraints

Creating Data Driven Tests

Customizing NUnit

Summary

Creating data driven tests

- [TestCase(200_000, 6.5, 30, 1264.14)]
- [TestCaseSource]
- Reading external test data (e.g. CSV)
- [Values] [Sequential]
- [Range]

Customizing NUnit

- ProductComparisonAttribute
- Inherited from CategoryAttribute
- Created custom constraint
- Inherit from Constraint class
- Override ApplyTo<TActual>(...)