

Creating Data Driven Tests



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Overview



Why create data driven tests?

Specify test data at the test method

Sharing test data across multiple tests

- Getter-only static property
- Static method
- Property/method in another class

Getting test data from external sources

- CSV file
- Database, Excel file, REST service, etc.



Why Create Data Driven Tests?



Reduce duplicated tests and associated maintenance costs



Reuse test data sets across tests



Allow external non-developers to create test data (QA, BA, etc.)



Summary



Why create data driven tests?

- Reduce duplicated test code
- Share test data across tests
- Allow external parties to create data

Specify test data at the test method

- [DataTestMethod]
- (int damage, int expectedHealth)
- [DataRow(1, 99)]

[DynamicData]

- Shared test data across tests/test classes
- Static method/getter-only property
- Property/method in another class

Get test data from external CSV file



Next:

Reducing Code Duplication and
Increasing Test Readability

