

Introduction

Namespace TestProjectSampurna

Classes

[ClearCommandTest](#)

Unit tests for the [ClearCommand](#) class. Ensures the command validates parameters correctly and triggers a canvas clear operation when executed.

[DrawToCommandTest](#)

Unit tests for the WinFormsApp1.DrawToCommand class. Ensures parameters are parsed, validated, compiled, and executed correctly.

[MockCanvas](#)

A mock implementation of BOOSE.ICanvas used for unit testing. It records method calls, argument values, and internal drawing state without performing any real graphical operations.

[MoveToCommandTest](#)

Unit tests for the [MoveToCommand](#) class. Verifies correct parameter parsing, error handling, and that the canvas cursor is moved to the correct coordinates.

[MultilineProgramTest](#)

Provides unit tests for executing multiline BOOSE programs. Verifies drawing commands, colour changes, pen commands, and conditional or sequential execution using MockCanvas.

[PenCommandTest](#)

Unit tests for the [PenCommand](#) class. Ensures RGB parsing, validation, and canvas interaction behave correctly.

[RectangleCommandTest](#)

Unit tests for the [rectangleCommand](#) class. Verifies rectangle drawing, fill handling, error validation, and parameter parsing.

[ResetCommandTest](#)

Unit tests for the [resetCommand](#) class. Ensures correct validation, compilation behavior, and execution effects on both the stored program and the canvas.

[TriangleCommandTest](#)

Unit tests for the [TriangleCommand](#) class. Ensures correct validation, compilation and execution behaviour.

[WriteCommandTest](#)

Unit tests for the WinFormsApp1.WriteCommand class. Ensures messages are parsed, validated, cleaned, and executed correctly.

[circleCommandtest](#)

Contains unit tests for the [circleCommand](#) class. Ensures proper parameter validation and correct execution behavior.