

# TestShell studio – MatShell example test

## General

The purpose of this test is to demonstrate basic studio functionality as a work reference.

## Test description

This test demonstrates several key features of the matshell module and expressions in all Studio fields.

- 1) Basic Numeric Operators
- 2) Logic Operators
- 3) Bitwise Operators
- 4) Comparison Operators
- 5) Vector Operations
- 6) Matrix Operations
- 7) Display matrix (I & II)
- 8) Date & Time

## TestShell modules used in the test

**NOP:** The purpose of the NOP (No OPERATION) tool is, as its name implies: make no action. The tool is used for visual purposes.

**MatShell:** The MatShell tool is used for incorporating scripts written in Studio syntax to Studio tests. MatShell scripts allow the manipulation of Studio variables and output using a wide variety of functions and operators.

**Message:** The Message module pops-up a message box during test run. The message will pause the flow (the specific one, not all parallel flows) until either the user clicks on the OK button, or the time out expires (if set).

**Delay:** The delay module will cause a specific flow to pause, for a specific period.

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