Magic Model Analyst Documentation

Magic Model Analyst provides the first in the industry extendable model execution framework based on OMG fUML and W3C SCXML standards. It extends UPDM plugin to validate system behavior by executing, animating, and debugging SysML Parametric models in the context of realistic mock-ups of the intended user interface.

Why Simulation?

The purpose of a simulation is to gain system understanding without manipulating the real system, either because it is not yet defined or available, or because it cannot be exercised directly due to cost, time, resources or risk constraints. Simulation is typically performed on a model of the system.

With the Magic Model Analyst, users can test how the system reacts to user interaction or predefined testing data and execution scenarios.

Business Benefits

Users will find that one of the key business benefits of the Magic Model Analyst is cost efficiency. Employing Magic Model Analyst will assist enterprises in significantly reducing project costs, allowing users to identify design errors before the actual production of components.

To learn how to install and use Magic Model Analyst, see:

- 2022x Version News
- Introduction to Magic Model Analyst
- Installation, licensing, and system requirements
- User Guide
- Developer Guide
- Tutorial
- Support

Documentation of earlier versions:

- Magic Model Analyst 2021x Refresh2
- Magic Model Analyst 2021x Refresh1
- Magic Model Analyst 2021x
- Magic Model Analyst 19.0 SP4
- Magic Model Analyst 19.0 SP3
- Magic Model Analyst 19.0 SP2