Introduction

The Systems Modeling Language (SysML) is designed to unify the diverse modeling languages currently used by system engineers, the same way Unified Modeling Language (UML) is used in the software industry to unify the modeling languages used by software engineers. SysML supports the specifications, analysis, designs, verifications, and validations of a broad range of complex systems.

In addition to supporting all SysML diagrams (Block Definition, Internal Block, Package, Parametric, Requirements, Activity, and Use Case diagrams), SysML Plugin also makes it possible for MagicDraw to support additional specifications, analysis, designs, and validations on a broader range of systems and system integrations.

The SysML Plugin documentation consists of the following sections:

- Introduction
- 19.0 SP1 LTR Version News
- 19.0 LTR Version News
- SysML 1.5 support
- SysML Plugin installation and licensing
  - Basic concepts
  - SysML Plugin installation
  - SysML Plugin licensing
  - Uninstalling plugins and deactivating licenses
  - Updating plugins
- User Guide
  - Getting started
  - Organizing your model
  - Requirements management
  - Modeling structure with Blocks
  - Modeling parametric constraints
  - Functional analysis
  - Views and Viewpoints
  - Generating report documents
  - Working with model elements
  - Validation
  - Glossary of SysML concepts
  - Getting help and support
  - Customizations
  - Forward compatibility
- Developer Guide
  - SysML Profile
  - MD Customization for SysML Profile
  - SysML Profile API Changes
  - SysML classes for open API

Docs of other versions

- SysML Plugin 18.5
- SysML Plugin 18.4
- SysML Plugin 18.3
- SysML Plugin 18.2