Trade study with Cameo Simulation Toolkit

Trade study analysis or a trade-off study is one of the important analyses that can help system engineers to select a configuration that best fits specific criteria among a set of proposed viable configurations. With Cameo Simulation Toolkit, you can conduct a trade study analysis as shown in the sample project *Trade-StudyPattern.mdzip*, which comes bundled with Cameo Simulation Toolkit. The sample project in this file is a SysML project. Therefore, you need the SysML plugin for MagicDraw (the plugin comes bundled with Cameo Systems Modeler) to open the project. The TradeStudyPattern package contains reusable blocks for the trade study analysis.

Related pages

- Specifying the language for the expression
- Value binding
- Evaluating expressions
- Evaluation with causality
- Dynamic constraint
- Manual value updates using the Parametric Evaluator
- Communicating with evaluators through simulation console
- Exchanging values between Cameo Simulation Toolkit and Parametric Evaluator
- Built-in Math
- Integration with external Evaluators
- Sample project