Lifecycle Modeling Organization

Lifecycle Modeling Language (LML)

A simple ontology with common graphical notations that makes design make sense.

LANGUAGE OF THE FUTURE

The Lifecycle Modeling Organization (LMO) develops and maintains an open-source modeling language that is structured and behavioral. The Lifecycle Modeling Language (LML) provides a simple way to understand and communicate cost, schedule, and performance design information to all stakeholders in a standard manner. LMO trains and educates members how to effectively use the lifecycle modeling methods including: the Lifecycle Modeling Language (LML) and the Lifecycle Modeling Framework (LMF) to develop safer, more cost-effective systems and products.

Communicate Cost
A language that effectively communicates and reduces the cost of design.

Facilitate Understanding
A simple ontology with common graphical notations that makes design make sense.

Expedite Development
Enables rapid product development to match pace with information technology.

LML RESOURCES

Essential LML Book

Essential LML lays out LML's simple structure, how it reduces the cost of design, and how it enables more rapid product development to better match information technology and other technical product development timelines.

LML Specification

This file contains the current, official, version controlled specification for LML. The specification is broken up into 4 parts: specification information, overview of LML, the ontology, and visualizations.

Traceability Model

Artifact

decomposed by/ decomposes

source of/ sourced by

Statement (Requirement)

decomposed by/ decomposes

traced from/ traced to

Input/Output

decomposed by/ decomposes

generated by/ generates

received by/ receives

Action

decomposed by/ decomposes

transferred by/ transfers

performed by/ performs

Connection (Conduit)

decomposed by/ decomposes

connected by/ connects

Asset (Resources)

decomposed by/ decomposes

specified by/ specifies

Characteristic (Measure)

decomposed by/ decomposes