



- GAMS – General Algebraic Modeling System
- M3TK – Mobility Mechanics Modeling Toolkit
- DEVS –Discrete Event System Specification
- TRNSYS – Transient System Simulation Tool
- HLA – High Level Architecture
- OWL – Web Ontology Language
- ABD –Abstract Block Diagram
- PIDO – Process Integration and Design Optimization
- IBM –Intermediate Black box Model
- OPM – Object-Process Methodology
- MoDAF/DoDAF – Department of Defense Architecture Framework
- VHDL-AMS – Very High Speed Integrated Circuit Hardware Description Language, mixed-signal extensions
- HDL – Hardware Description Language
- MES – Manufacturing Execution System
- DHC – Digital Home Compliant
- Orocus-RTT – Orocus Real-Time Toolkit
- ABM – Agent-based modeling
- DTMC – Discrete-Time Markov Chains
- SPL – Sequence Planner Language
- PRISM – probabilistic symbolic model-checker
- ADL – Architectural Description Language
- CML – COMPASS Modelling Language