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AADL and Model-based Engineering - DTIC

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Modeling System Architectures Using the Architecture ...

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Model-Based Engineering with AADL is the first guide to using this new international standard to optimize your development processes. Coauthored by Peter H. Feiler, the standard's author and technical lead, this introductory reference and tutorial is ideal for self-directed learning or classroom instruction, and is an excellent reference for practitioners, including architects, developers, integrators, validators, certifiers, first-level technical leaders, and project managers.

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Standards-Based: CAMET Library tools consume models represented in the SAE standard Architecture Analysis & Design Language (AADL) known for its ability to model embedded system software. Several tools support other standards such as Future Airborne Capability Environment (FACE™) and System Modeling Language (SysML). Tools, Training, and Reference Materials for using AADL with FACE are on CAMET Library and available publicly here.

Model Based Engineering (MBE) Tools | Adventium Labs

Conventional build-then-test practices are making today's embedded, software-reliant systems unaffordable to build. In response, more than thirty leading industrial organizations have joined SAE (formerly, the Society of Automotive Engineers) to define the SAE Architecture Analysis &...

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have joined SAE (formerly, the Society of Automotive Engineers) to define the SAE Architecture Analysis & Design Language (AADL) AS-5506 Standard, a rigorous and extensible foundation for model-based engineering analysis practices that encompass software system design, integration, and assurance.

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Architecture Analysis and Design Language

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Modeling Standards - SEBoK - Systems Engineering

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