

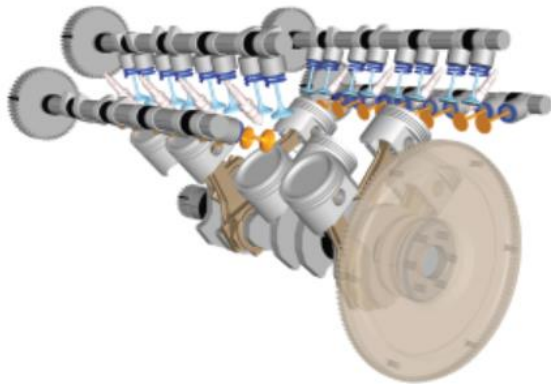
DYMOLA Systems Engineering

Multi-Engineering Modeling and Simulation based on Modelica and FMI

Dymola, Dynamic Modeling Laboratory, is a complete tool for modeling and simulation of integrated and complex systems for use within automotive, aerospace, robotics, process and other applications.

Rapidly solve complex multi-disciplinary systems modeling and analysis problems, using Dymola's best-in-class Modelica and simulation technology. Dymola is a complete environment for model creation, testing, simulation and post-processing.

Key Advantages



Dymola, Dynamic Modeling Laboratory, is a complete tool for modeling and simulation of integrated and complex systems for use within automotive, aerospace, robotics, process and other applications. [Read more...](#)

Modelica Libraries



Developed by domain specialists, these libraries are used in conjunction with Dymola or 3DEXPERIENCE Dymola Behavior Modeling to quickly and easily model and simulate the behavior of complex systems that span multiple engineering disciplines.

Functional Mock-up Interface



FMI allows any modeling tool to generate C code or binaries representing a dynamic system model which may then be seamlessly integrated in another modeling and simulation environment. [Read more...](#)

“Our biggest challenge is producing aircraft as efficiently as possible without increasing development costs, and this is why we use model-based development; it enables us to fully understand the benefits and limitations of the vehicle systems, how they interact with one another, and how to fit them together.”

Ingela Lind PhD, Technical Fellow at SAAB