

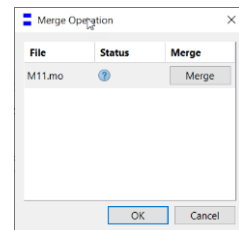
Dymola 2024x Refresh 1

We are delighted to announce that **Dymola 2024x Refresh 1** was released on April 19, 2024.

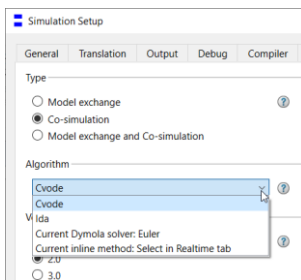
Model Development

Dymola supports reading of libraries in the proposed standard Modelica format (.mol files), furthering libraries supporting multiple tools.

Version management using the 3DEXPERIENCE platform has been improved with more flexible branch handling, and the possibility to "diff" versions with the tool of your choice.



Simulation



The Ida solver from SUNDIALS is now available in Dymola and for exported FMUs. It is a modern general-purpose solver similar to DASSL.

Export of FMUs has been simplified, making the selection of FMU type and optional integration algorithm straightforward.

Several improvements has been made to SSP import and export, including support for SSP files with several top-level system descriptions.

FMI for Embedded Systems

Software Production Engineering is a newly available cloud-based code generator that supports generation of eFMI production code. It is fully integrated with Dymola.

