

Prototype P2.24 Support for Debugging in Enhanced MDT OpenModelica Eclipse Plug-in

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Summary

This deliverable provides a prototype debugger for Modelica and MetaModelica models. The debugger is integrated in the OpenModelica MDT Eclipse plug-in. This debugger is very efficient, even for large applications of size 150 000 lines of code. It is mainly applicable to algorithmic code, but also includes some support for equation-based parts of models. The equation-based model debugging part is an early prototype which has so far been tested for small models, but will be scaled up to larger applications in the near future.

Publications included in this Document

1. Adrian Pop, Martin Sjölund, Adeel Asghar, Peter Fritzson, Francesco Casella. Static and Dynamic Debugging of Modelica Models. In *Proceedings of the 9th International Modelica Conference (Modelica'2012)*, Munich, Germany, Sept.3-5, 2012.