file:/S:/proj/bcvtb/code/bcvtb/trunk/. . .xamples/dymola-room/system-windows.xml

File View Edit Graph Debug Help

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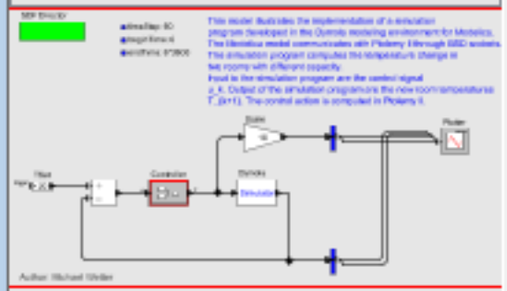
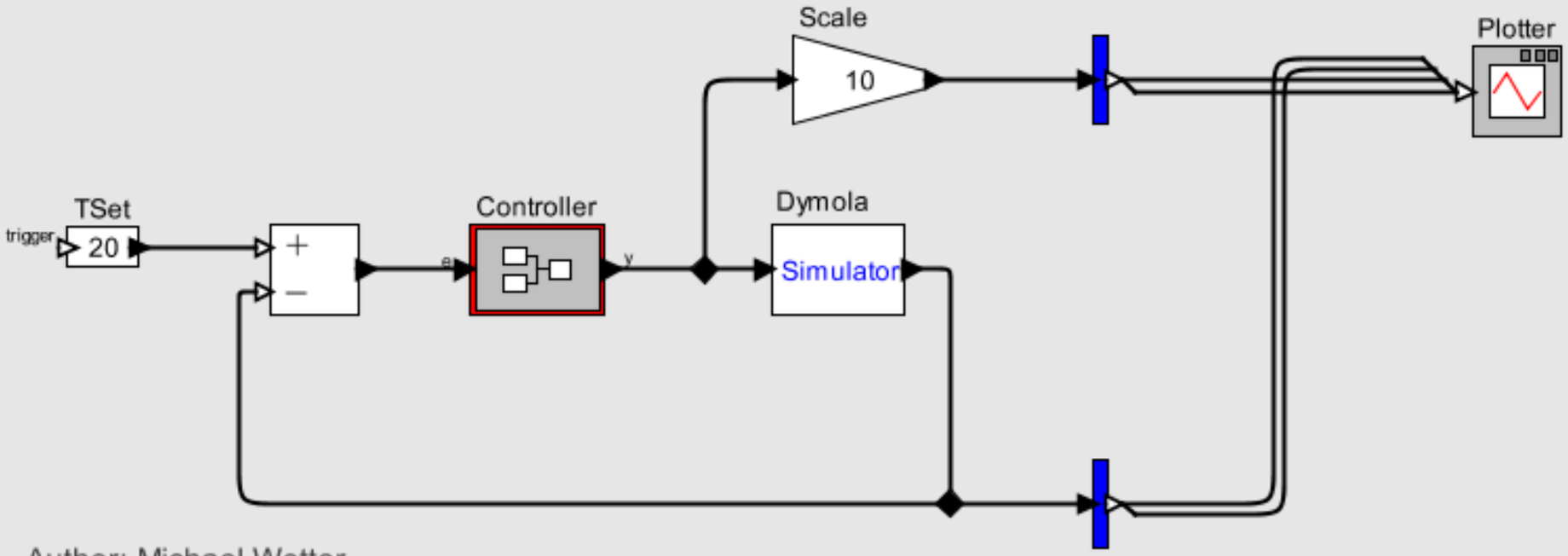


SDF Director

- timeStep: 60
- beginTime: 0
- endTime: 6*3600

This model illustrates the implementation of a simulation program developed in the Dymola modeling environment for Modelica. The Modelica model communicates with Ptolemy II through BSD sockets. The simulation program computes the temperature change in two rooms with different capacity.
Input to the simulation program are the control signal u_k. Output of the simulation program are the new room temperatures T_{k+1}. The control action is computed in Ptolemy II.



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