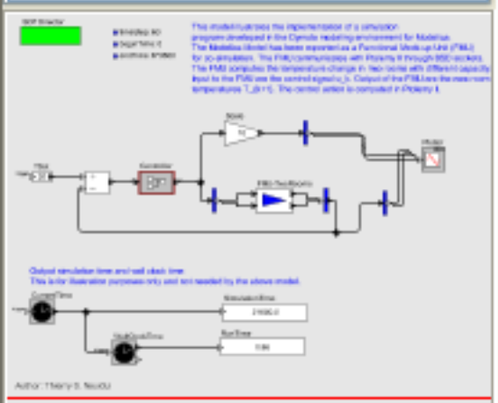
Z:\vmWareLinux\proj\bcvtb\models\ptol. . .les\FMU-roomPtolemy\system-windows.xml

File View Edit Graph Debug Help

Find:

Library Tree

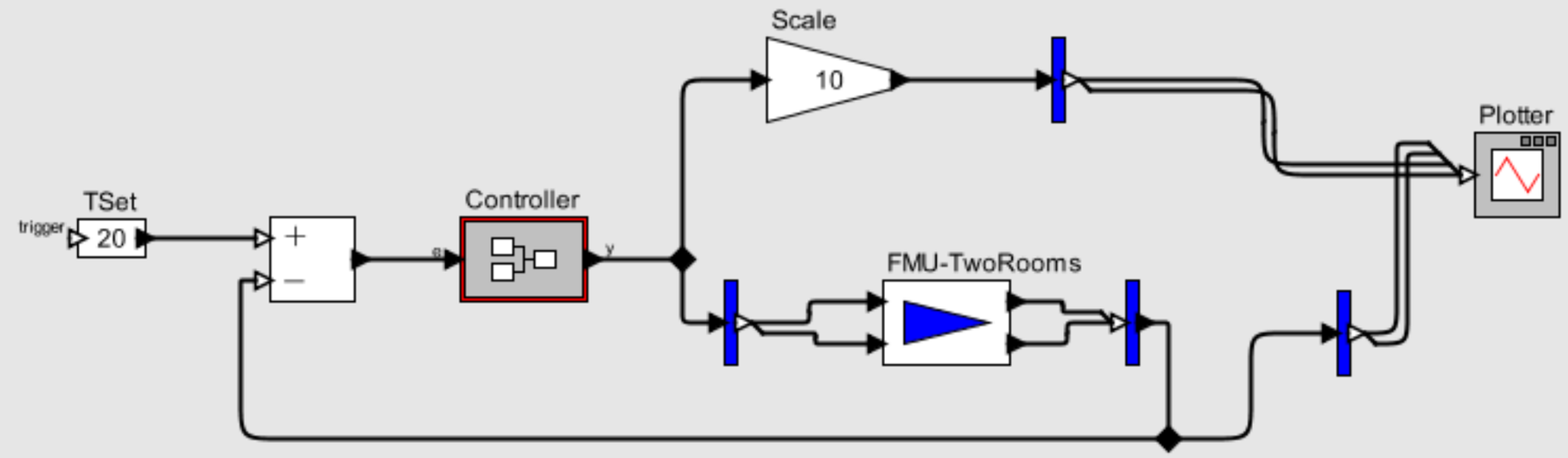
- Utilities
- Directors
- Actors
- MyActors
- BACnet
- ADInterfaceMCC
- UserLibrary



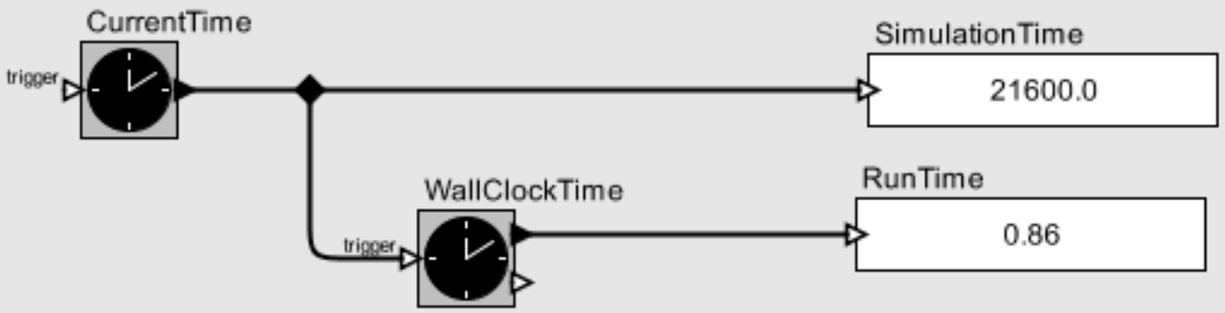
SDF Director

- 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 has been exported as a Functional Mock-up Unit (FMU) for co-simulation. The FMU communicates with Ptolemy II through BSD sockets. The FMU computes the temperature change in two rooms with different capacity. Input to the FMU are the control signal u_k. Output of the FMU are the new room temperatures T_{k+1}. The control action is computed in Ptolemy II.



Output simulation time and wall clock time.
This is for illustration purposes only and not needed by the above model.



Author: Thierry S. Nouidui