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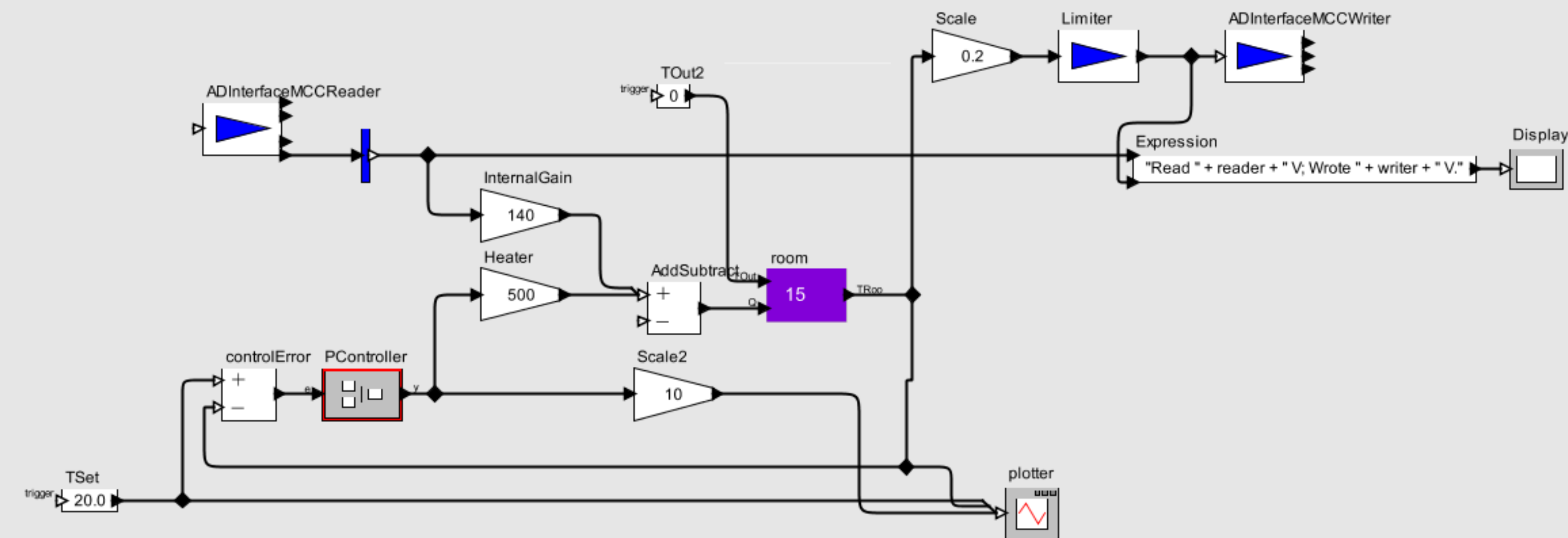
SDF Director



- timeStep: 600
- beginTime: 0
- endTime: 31*24*3600

This model illustrates the implementation an analog/digital converter. The A/D reader reads a voltage which emulates internal heat gains in a room. This voltage is scaled, added to the heating power and fed into a room model. The room model computes the new room temperature, which is sent to the A/D writer. The writer will then increase the voltage proportional to the room temperature.

To see the implementation of the room temperature visualization, right-click on the room model, and then select "Open Actor." Then you will see the assignment of a variable "TRoom". Next, close the room model, right-click on the room model and select "Appearance -> Edit Custom Icon". Double-clicking on the colored rectangle shows how the variable "TRoom" is used to assign the color.



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