







ModelA «Java Class»

- + simulator: Simulator + tempMin: double + tempMax: double
- + localTime: LocalDateTime
- + sensor: Sensor + sleep_time: long
- + ModelA (model_parameters, sensor, simulator)
- + run ()
- +simulator.getSimulationStatus():
 return boolean
- return boolean + sensor.setSensorStatus (temperature): void

ModelB «Java Class»

- + simulator: Simulator
- + tempBase: double
- + maxTempDeviation: double
- + random: Random + sensor: Sensor + sleepTime: long
- + ModelB (model_parameters, sensor, simulator)
- + new Random ()
- + run ()
- +simulator.getSimulationStatus(): return boolean
- + sensor.setSensorStatus (temperature): void

ModelRandom «Java Class»

- + simulator: Simulator + sensor: Sensor
- + random: Random + sleepTime: long
- + ModelRandom (sensor, simulator)
- + new Random ()
- + run()
- +simulator.getSimulationStatus(): return boolean
- + sensor.setSensorStatus (temperature): void