Software Engineering

http://proglang.informatik.uni-freiburg.de/teaching/swt/2005/

Exercise Sheet 8

Deadline: June 14th, 2005

Exercise 1 − Software Architecture: (10 points)

A cruise control is a mechanism which controls the speed of a car:

The driver can set a desired velocity. The cruise control measures the actual speed and and accelerates or brakes the vehicle to reach the desired velocity. If the driver brakes, the cruise control is automatically disabled.

Give a software architecture with which one can implement this cruise control.