

*I want to try my own example and I want you to tell me what are the certain domains in this example. Here we go. We've got a car. Car has wheels, brakes, engine, and etc. I want to distinguish brakes system. Brakes system is going to be equipped with ABS (anti blocking system, I hope you know what it is) and my goal is to make a controller (all hardware is developed and we have to write a code), but it is unimportant. So, the car has wheels, hydraulic brake system, sensors on each wheel to measure rotation speed, a pump that is controlled by the computer (by controlling the pump computer can control a brake force on each wheel), the system also contains a brake pedal that is controlled by a driver. In ordinary situation had not to work, driver press down a pedal, pressure in brake cylinders is raising, and wheels slow down but do not block. In this situation driver control the braking force by controlling the force he is applying to the pedal. In extreme situation, usually driver do not control his force applied on the pedal, he just quickly press down pedal up to the end, the braking force is great and wheels block - it's really danger because the car becomes uncontrollable. In this case the ABS should recognise extreme situation and take over the control on brake system. ABS should not allow wheels braking. ABS should control braking power by controlling a pressure in brake cylinders on each wheel using the pump, connected with the computer, the state of every wheel can be read from a sensor. In few words - it is a principle of ABS.*

*I want you to name some domains from this example:*

- 1) Machines*
- 2) Causal domains*
- 3) Lexical Domains*
- 4) Biddable domains*

*this example is quite simple for me because I am connected with car electronics. I hope I described it enough to name some domains.*