

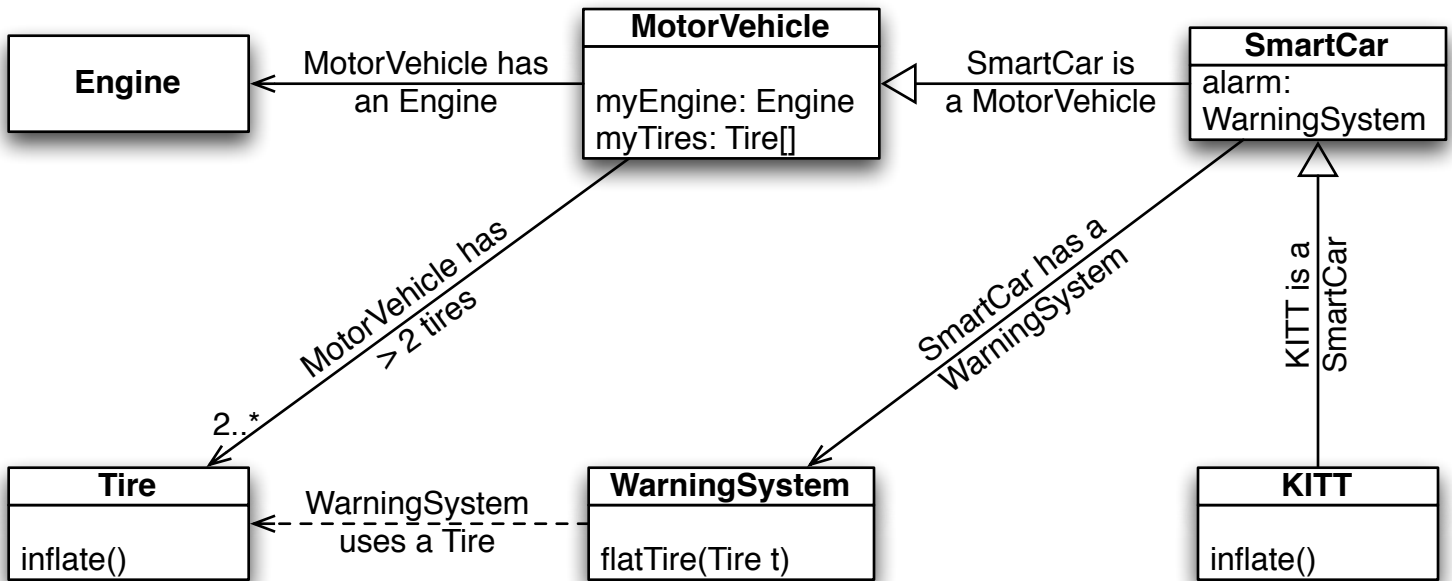
UML Quiz: Redo!

ANSWER KEY

You are tired of working at *MacroTough*, so you've decided to move to Infinile (an upstart competitor of a well-known internet giant). Your new boss informs you that you are now working on an Internet-enabled vehicle project and texts a set of CRC cards to you. Apparently the engineers they previously hired played a lot of video games and ate a lot of free food but never got around to creating the UML diagrams.

They were also apparently fans of David Hasselhoff (with bad memories to boot), as this is the description you were given:

A *MotorVehicle* is a useful device that magically moves from one place to another on a set of *Tires*. *SmartCars* are really cool *MotorVehicles* that can tell you about problems that your *MotorVehicle* is having. *KITT* is the most awesome kind of *SmartCar* because it can keep driving even its *Tires* pop!



Your task is to draw the UML showing inheritance, association, and dependency for this project. Use the given CRC drawings (don't redraw them: just draw the relationships between the ones shown here). There is also one CRC that needs to be filled in, but there is enough information here to figure out what it should be. For each UML line you draw write what it is (inheritance, association, and dependency) and why (in 5 words or less) you drew it. There should be at least one of each type of UML line.