

Exercise 4.14

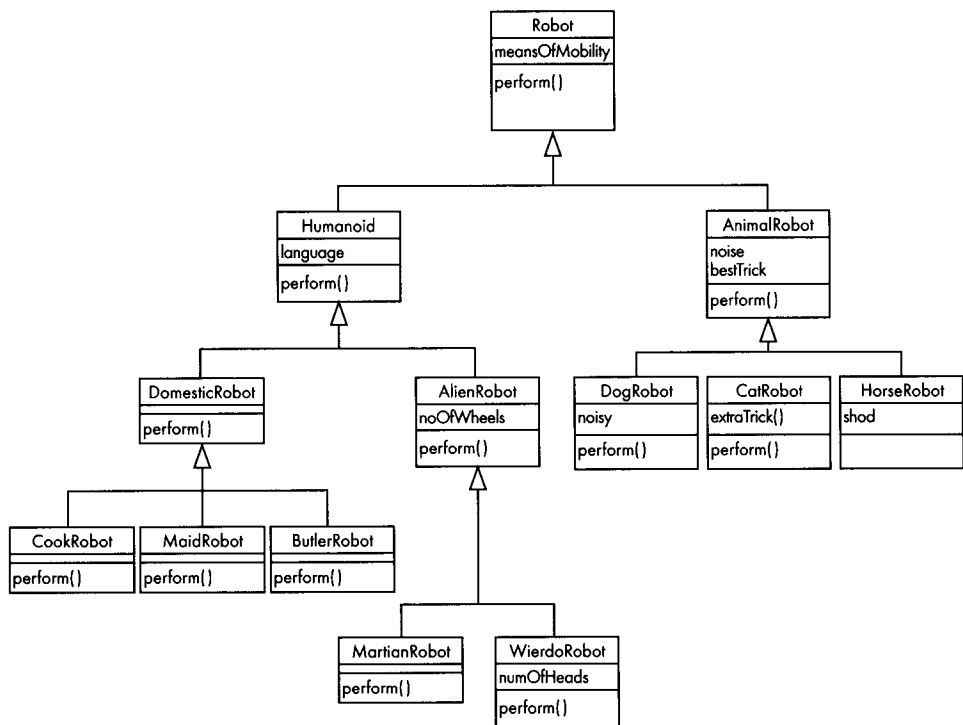


Figure E.26 Robot hierarchy with new class HorseRobot

- i HorseRobot inherits the attributes: meansofMobility, noise, best trick.

Notice that the HorseRobot class also has a new attribute, shod. For a class to be a specialization of its parent class, it must have some distinguishing feature. Different values for its attributes only qualify it to be a different object of that class. HorseRobot does not redefine the perform() method, so it must have some new feature.

- ii HorseRobot inherits unchanged AnimalRobot’s method for perform().