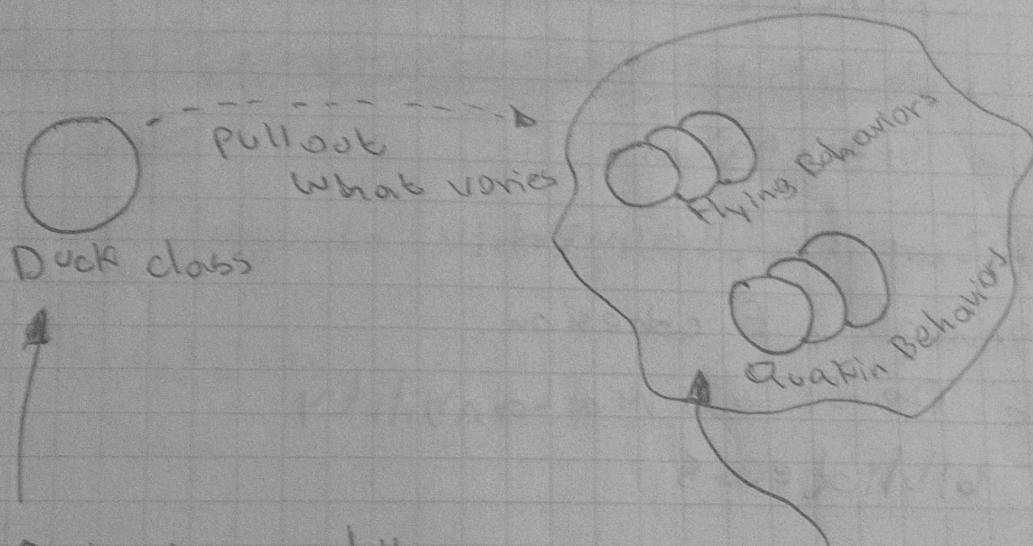


Intro to design patterns



Someone has already solved your problems

This chapter tells about "Why land how I you can exploit the wisdom and lessons learned by other developers who've been down the same design road survived the trip. Before we do, will look through an example of the how one pattern.



The Duck class is still the super class of all ducks, but we are pulling out the fly and quack behaviors and putting them into another class structure

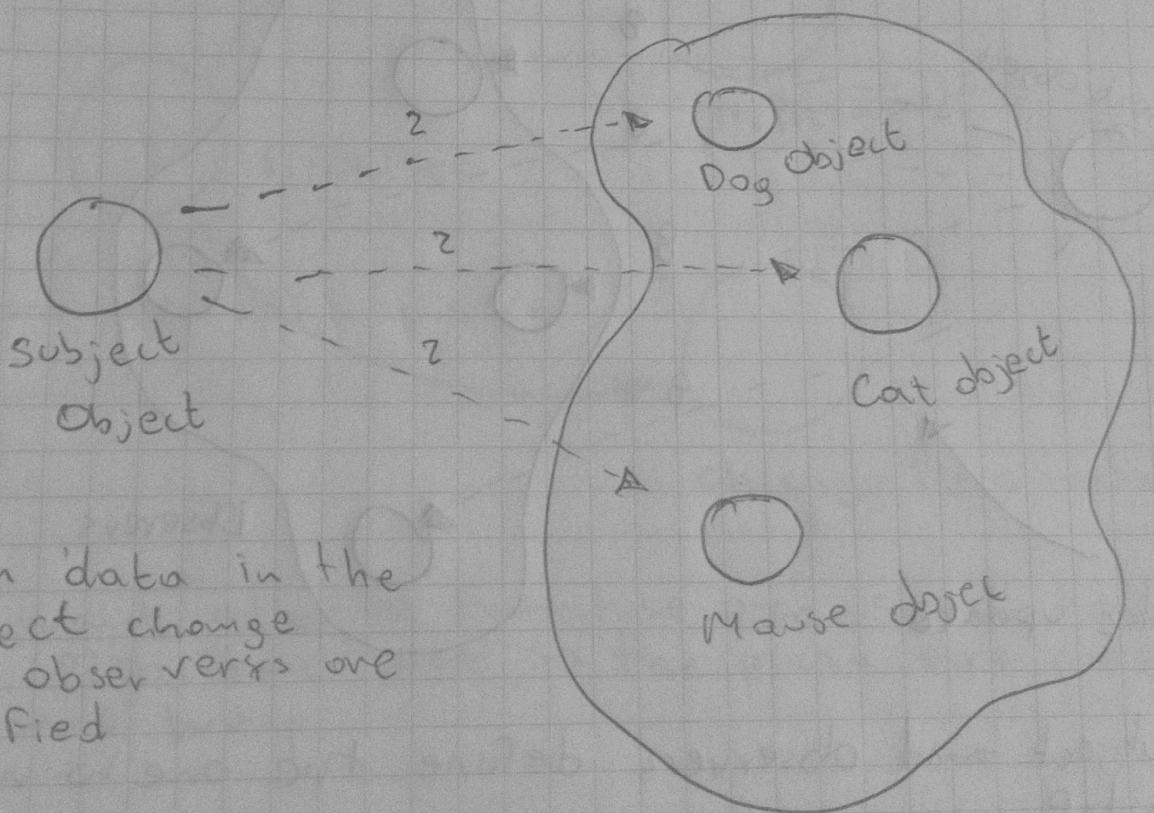
Various behaviors implemented here are going to live here.

The Observe Pattern

Don't miss out when something interesting happens!

We've got a pattern that keeps your objects in the know when something they might care about happens.

Objects can ever decide at runtime whether they want to be kept informed. The Observer Pattern is one of the most heavily used patterns in the 30s and it's incredibly useful. Before we're done, we'll also look at one to many relationships and loose coupling (yeah that's right we said coupling).



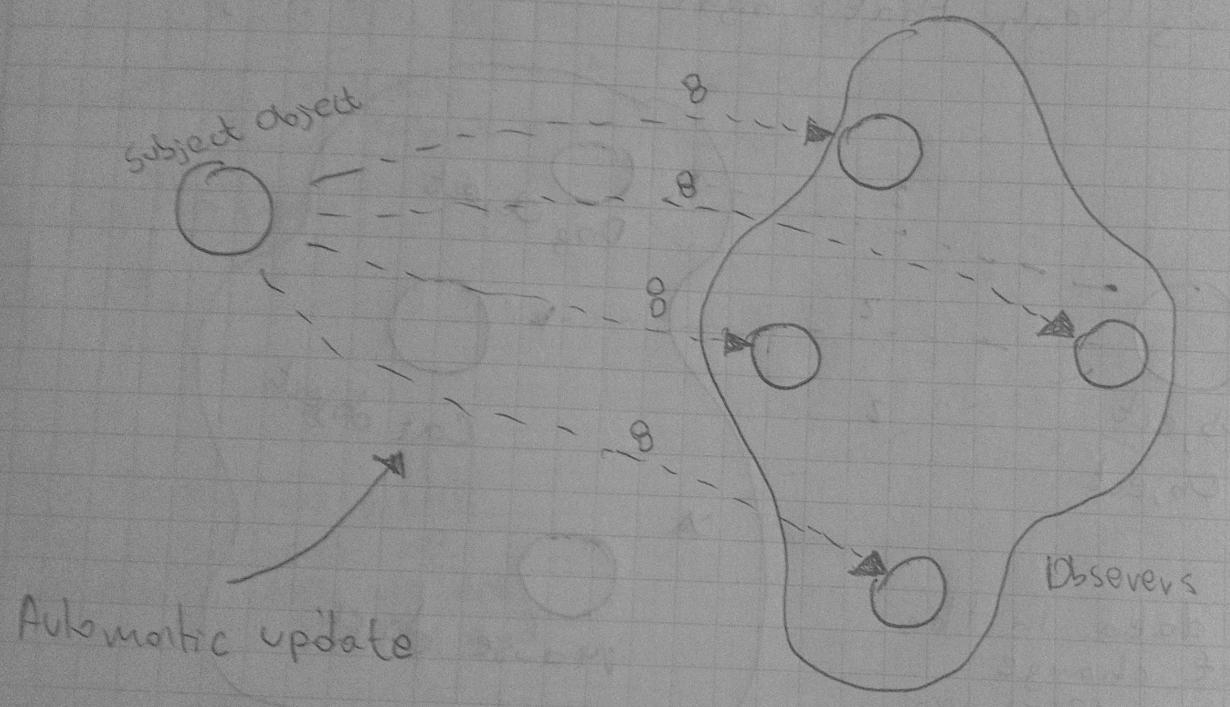
When data in the subject change the observers are notified

New data values are communicated to the observers in some form when they change

The Decorator Pattern

Just call this chapter "Pasting eye for the instance GOF"

well re-examining the typical oversu of inheritance and you'll learn how to decorate your classe at runtime using a form of object composition why? Once you know the techniques of decorating you'll be able to give your for someone else's objects new responsibilities without making any code change to the underlying classes)

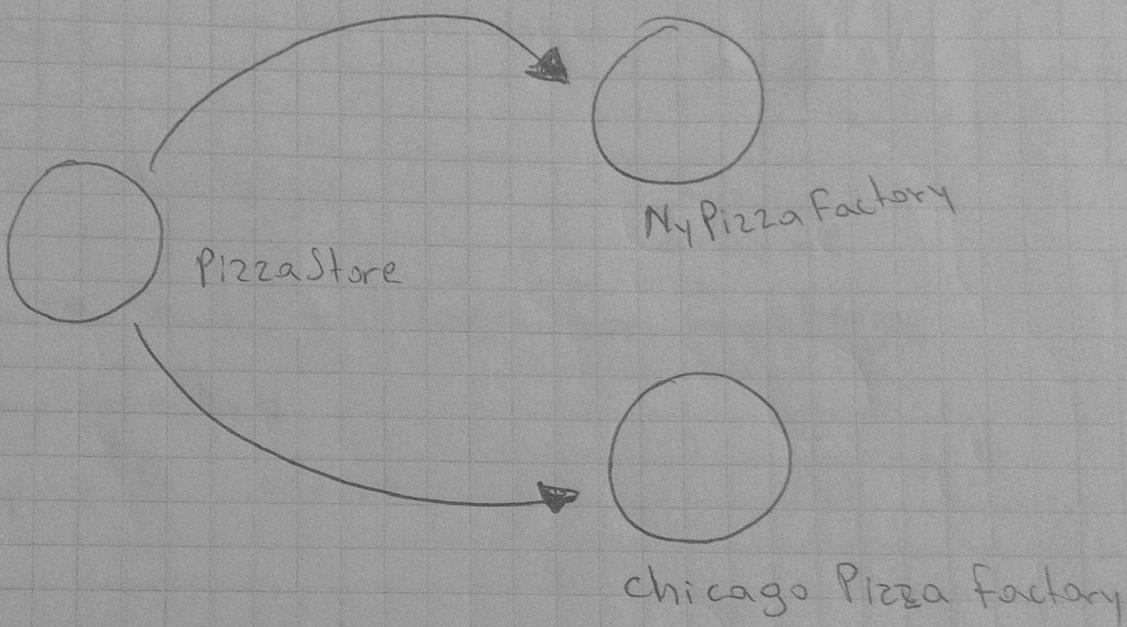


The subject and observers define the one to many relationship.

The Factory Pattern

Get ready to take some loosely coupled designs

There is more to making objects than just using the new operation. You'll learn that instantiation is an activity that shouldn't always be done in public and can often lead to coupling problems and you don't want that do you? Find out how Factory Patterns can help save you from



You want all the franchise pizza stores to leverage your pizza store code so the pizza are prepared in the same way

One franchise wants a factory that make NY style pizzas thin crust, tasty sauce and just a little cheese.

Another franchise wants Chicago style pizza, their customers like pizzas with thick crust, rich sauce, and tons of cheese.