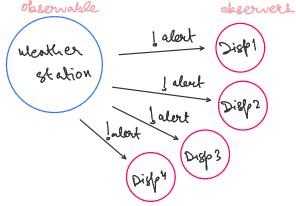
a why Do we need Observer Pattern ? es observable that something happened ??) Displ Observery aske regularly, if she data has changed. (POLLING) Distp2 hear? - leads to many wasted calls something changes Disp3 in the meather Dispy) station. say temp-So, it has to working derices.

(PUSHING) unlenever the data is changed in weather station, it notifies the observers teat there are some changes

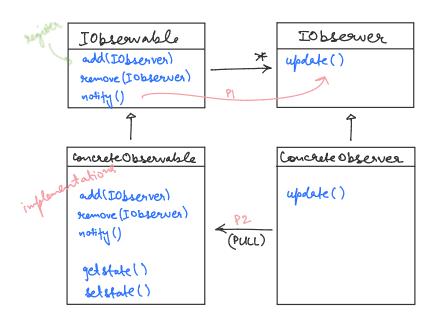


Now, to solve the problem the observer lattern uses the PUSH Method.

## It Key Note

1) If an observable "forther" some changes to the observers then it must have some reference to then!

so, me can conclude that the observables must "register" themselves to the observable.



PI: when there is a change the notify!! method calls the update!! method on all the observers

P2: instantiate concreteObserves with a preference of concrete Observable.

Shis allows the observes to access the changed data in the observable.

The when there is a change natify() calls the update(). Now, observes knows there is a change. But how to access it for to know what has changed ???

## Definition:

Observer pattern is used when there is one-to-many relationship between objects such as if one object is modified, its dependent objects are to be notified automatically. Observer pattern falls under behavioural pattern category.