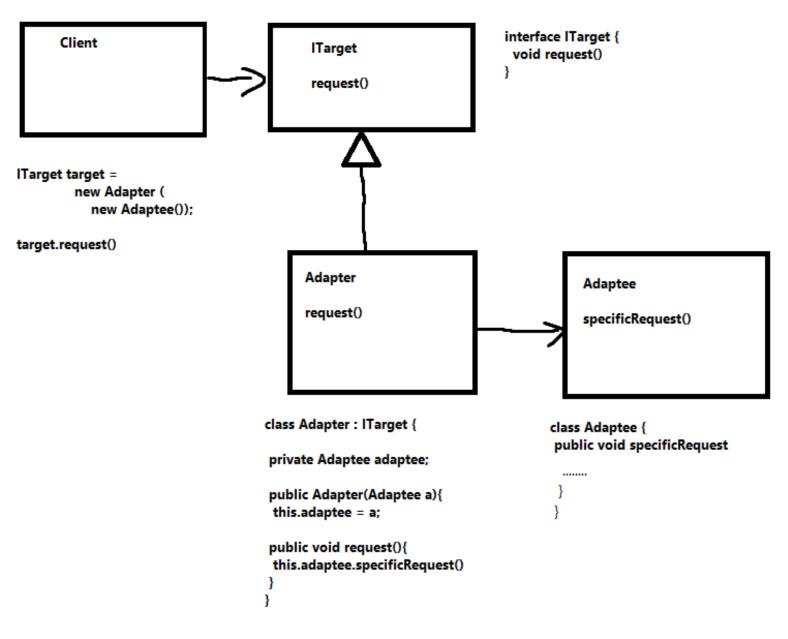


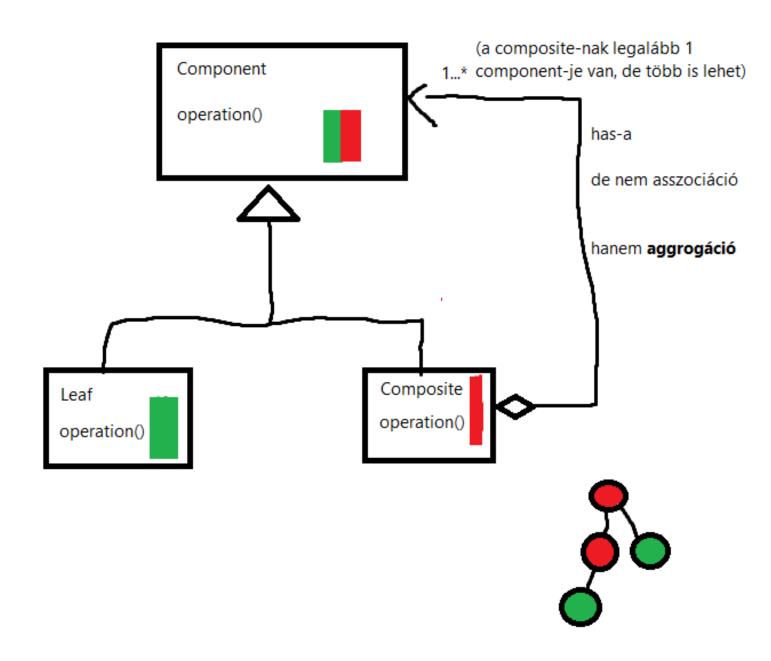
1. ABSTRACT FACTORY



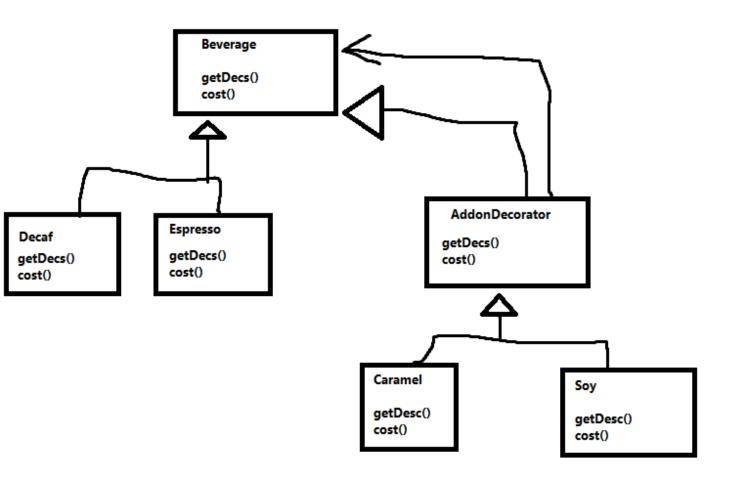
1. ADAPTER

```
class Invoker {
 ICommand on;
 ICommand off;
                                                         Invoker
                                                                                                        0...*
                                                                                                                     ICommand
 public Invoker (ICommand on, ICommand off){
  this.on = on;
                                                                                                                     execute()
  this.off = off;
                                                                                                                     unexecute()
 }
 public void clickOn(){
  this.on.execute();
 public void clickOff(){
  this.off.execute();
                                                             Receiver
                                                                                                                       Command
                                                          action()
                                                                                                                     execute()
                                                                                                                     unexecute()
                                                                                                          class LightOnCommand : ICommand {
                                                                                                           private Light light;
                                                                                                           public LightOnCommand(Light I) {
                                                                                                            this.light = I;
new Invoker (new LightOnCommand(light), new LightOffCommand(light))
                                                                                                           public void execute() {
                                                                                                            this.light.on()
                                                                                                           public void unexecute() {
                                                                                                            this.light.off()
                                                                                                          }
```

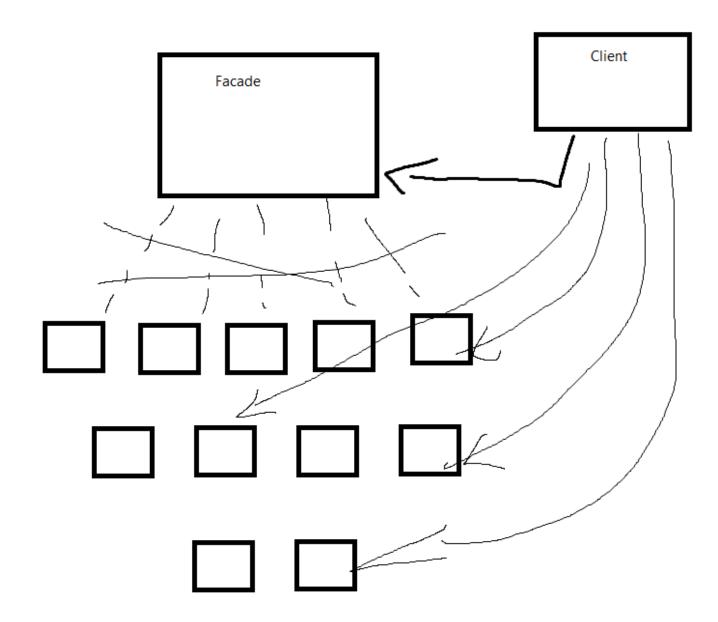
1. COMMAND



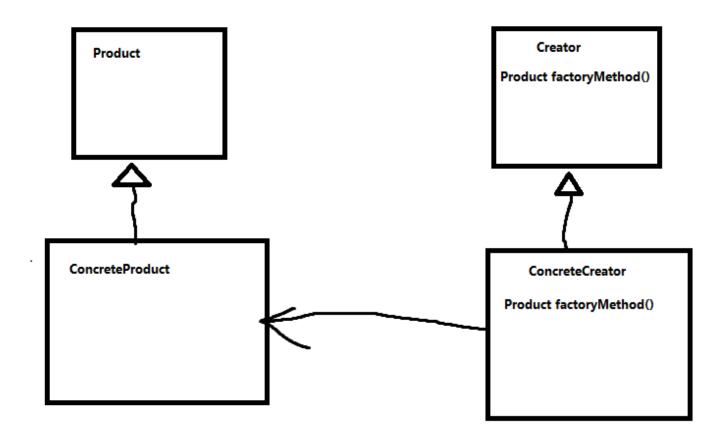
1. COMPOSITE



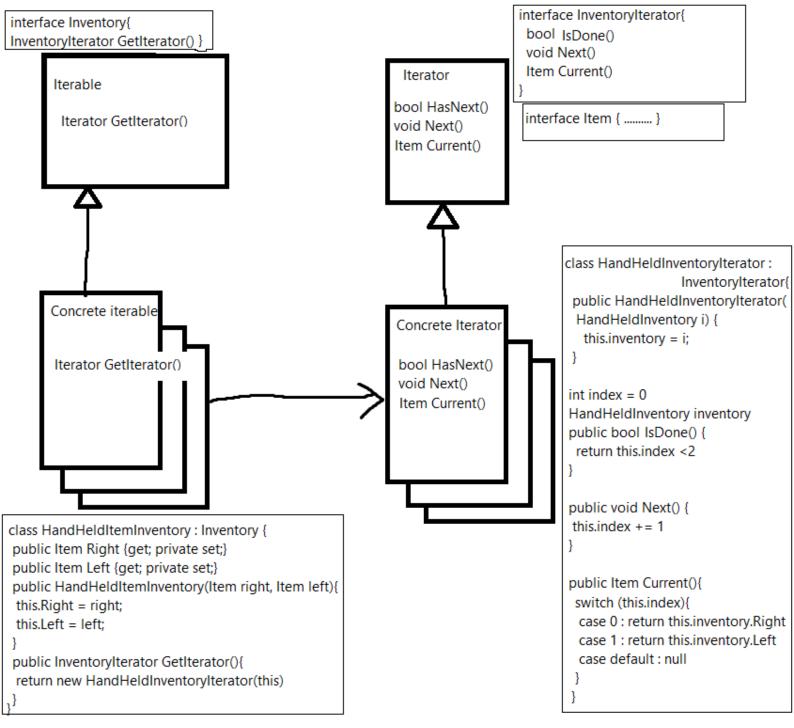
1. DECORATOR



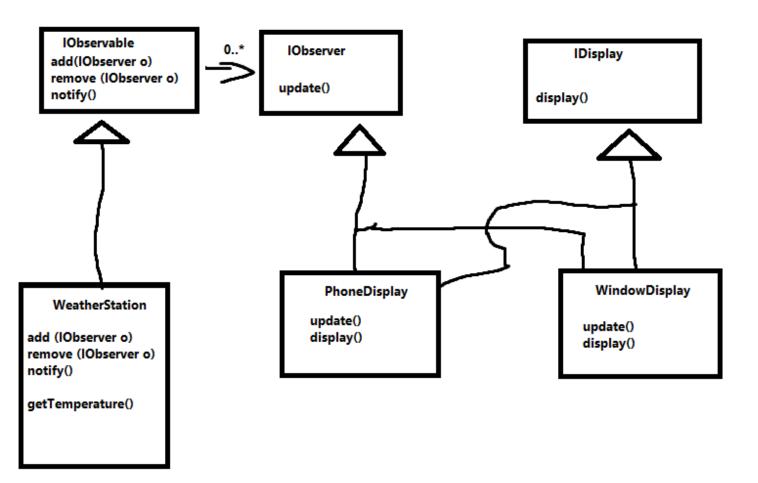
1. FACADE



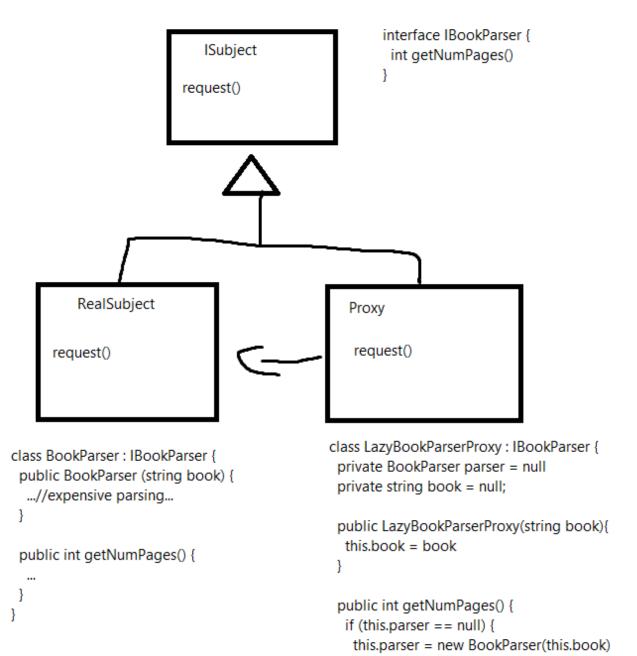
1. FACTORY



1. ITERATOR



1. OBSERVER

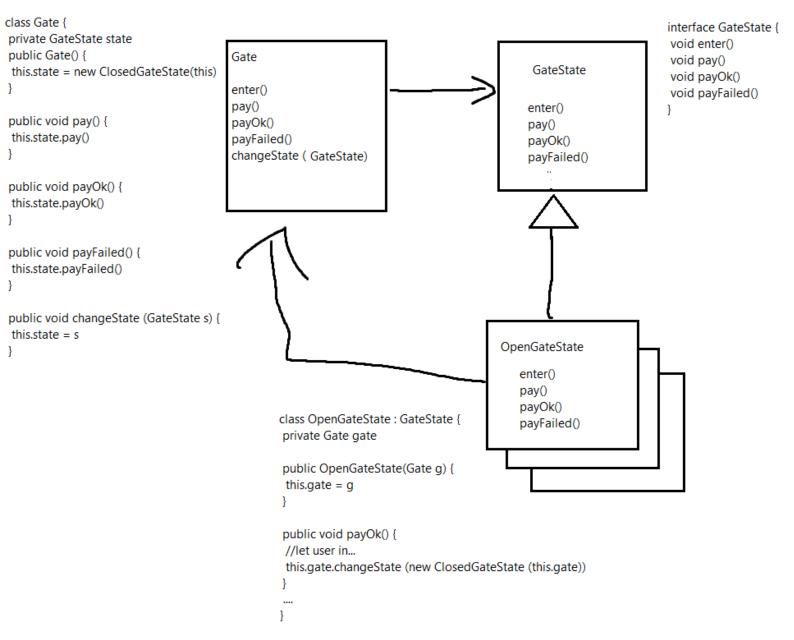


}

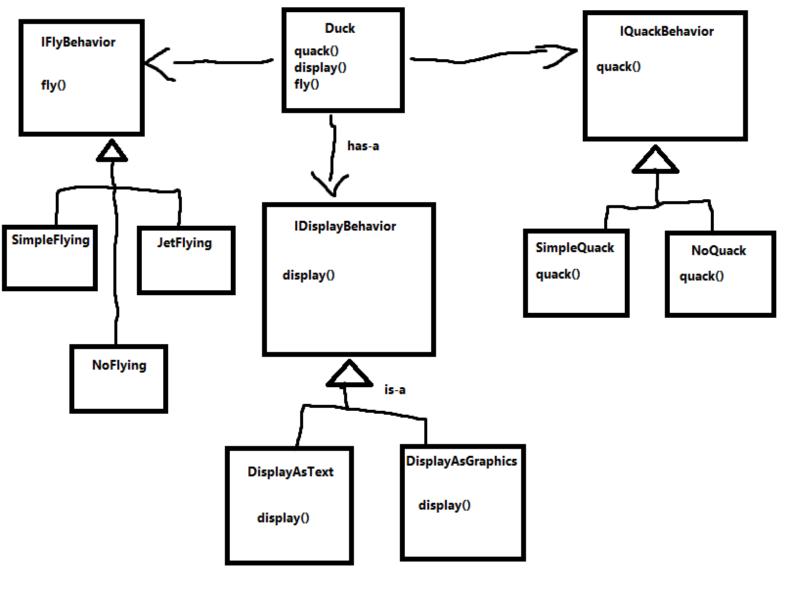
return this.parser.getNumPages()

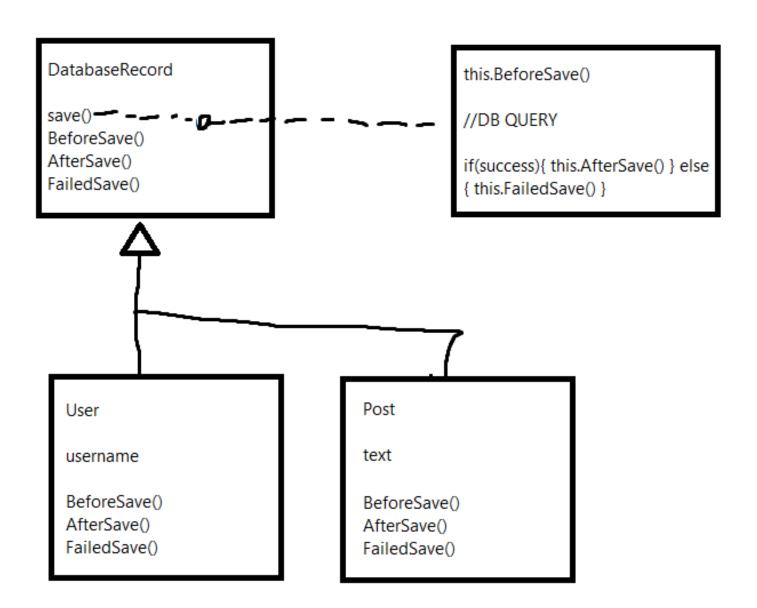
Singleton	
static Singleton instance	
static Singleton getInstance()	

1. SINGLETON



1. STATE





1. TEMPLATE METHOD