Design Pattern Decision Document

This document describes why and how I implemented each design pattern

Assignment 2 code  
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# Factory pattern

The issue with this program is that two drawers can not be initialized at the same time since they will override each other.

c = config.read().splitlines()  
**if** c[0] == **'DrawerKieran'**:  
 **from** DrawerKieran **import** Drawer  
**elif** c[0] == **'DrawerTurtleJack'**:  
 **from** DrawerTurtleJack **import** Drawer  
config.close()

main = Interface(Parser(Drawer()))  
main.go()

To fix this we need a Fake drawer and an abstract product for both real drawers.

The Main can initialize with the fake drawers and the interface when trying to use drawer methods will select between the two real drawers.

# References

**There are no sources in the current document.**