

# Observer Design Pattern:

*Starring:*

Model-View-Controller (MVC)

Implicit Invocation

*With:*

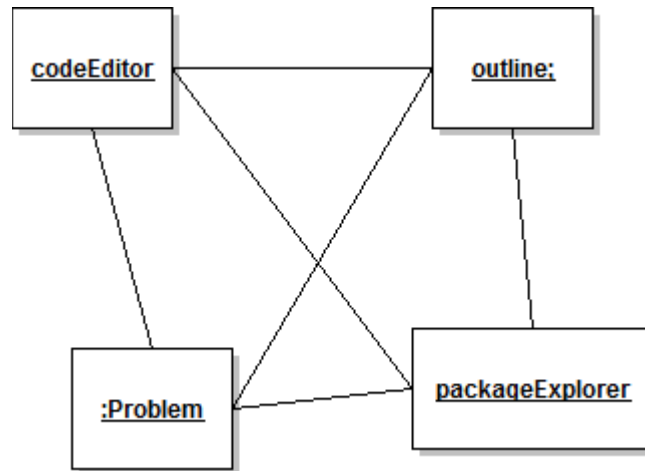
Interface Segregation Principle (ISP)

# Interface Segregation Principle

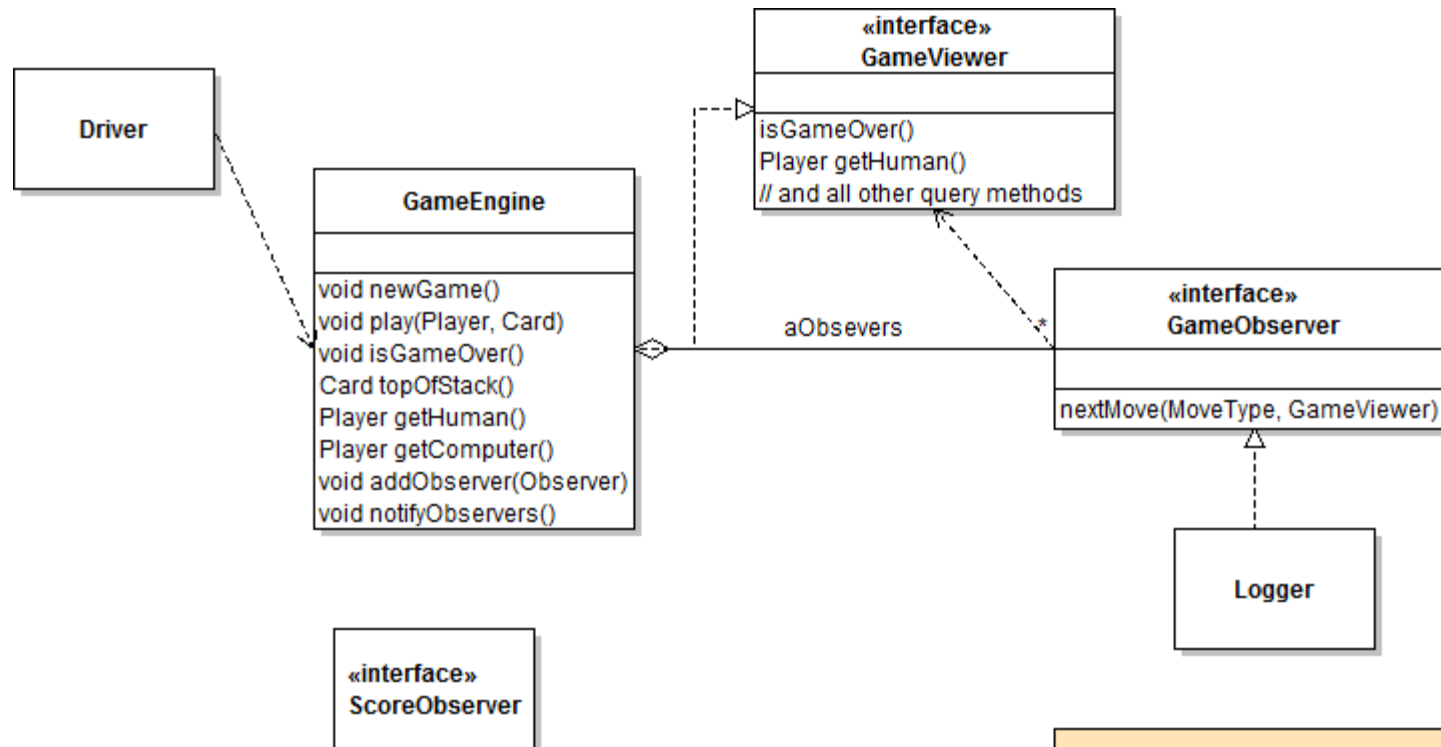
Principle: A module should not depend on services it does not need.

Application: Define small but cohesive interfaces that closely match the needs of clients. Use multiple-interface implementation if needed.

# Problem: Keeping multiples views in synch (like here for Eclipse)



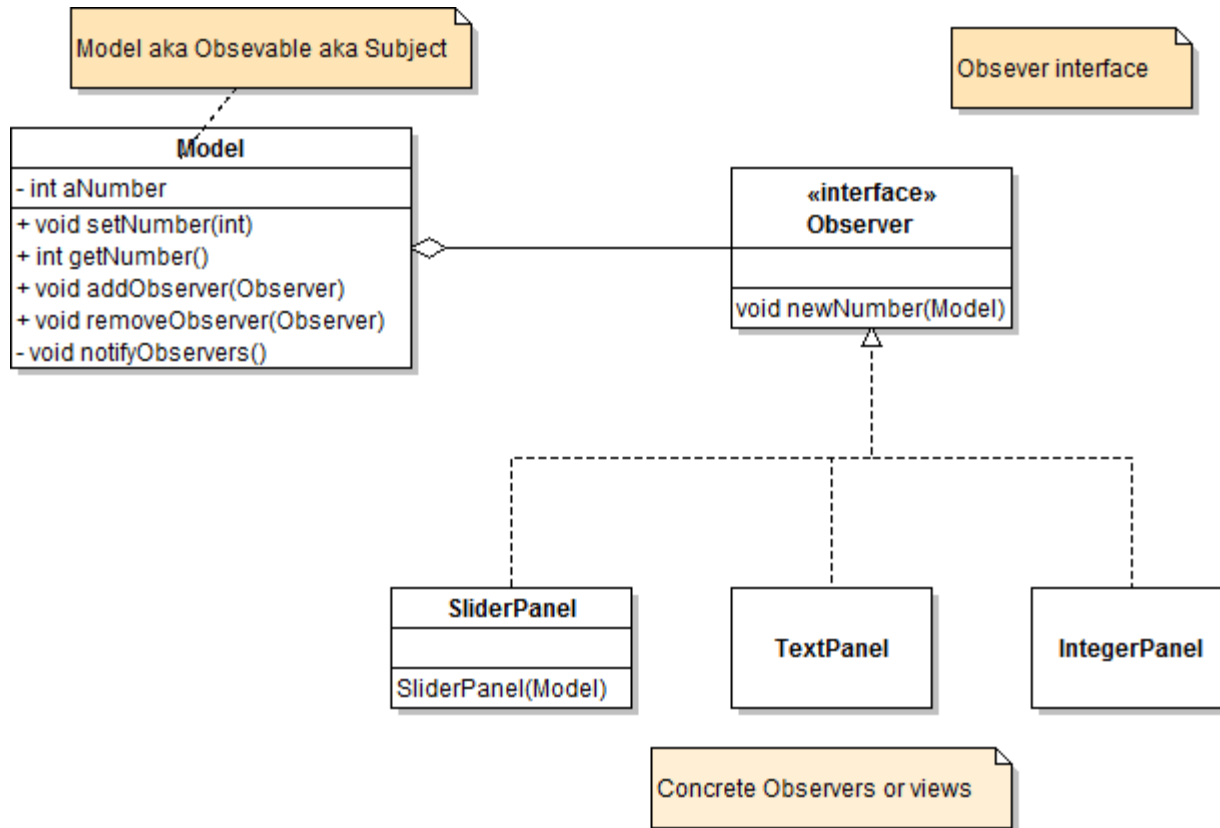
# Observer Pattern Applied to the Project



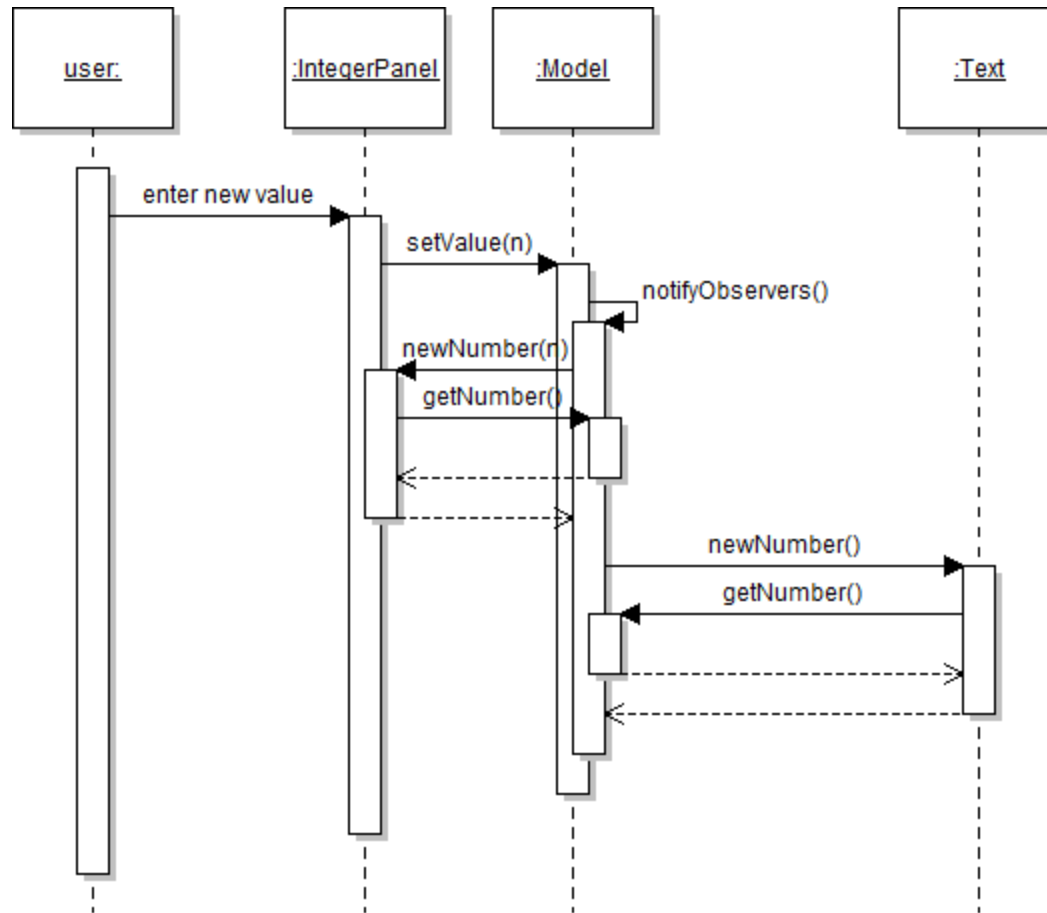
Remember that you can have multiple Observer interfaces

The callbacks can consist of multiple methods, or a single generic method with an "even type" piece of information passed in.

# Basic Observer Design



# Sequence Diagram for the Pull Model



[Slider omitted]