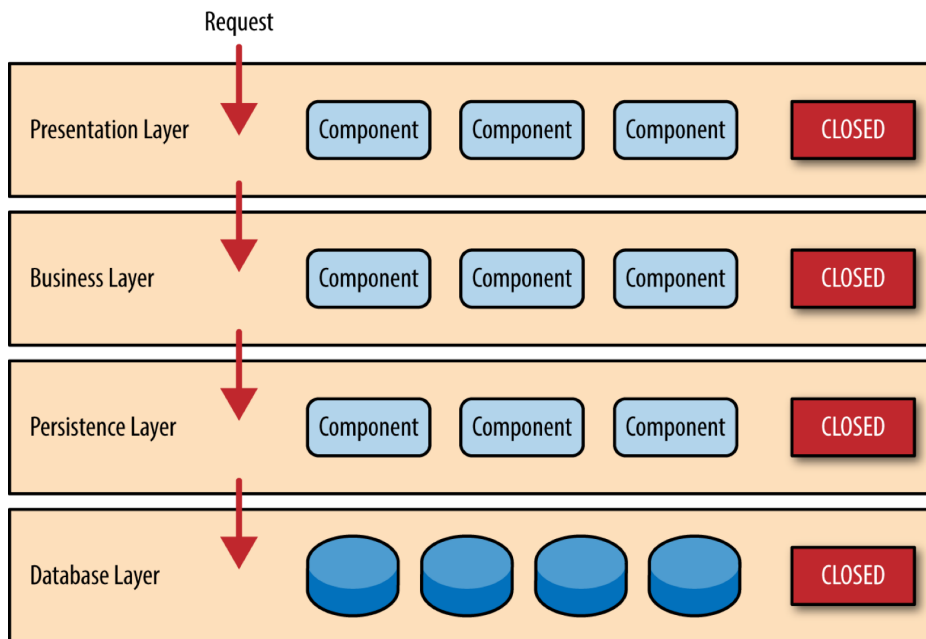


LAYERED ARCHITECTURES



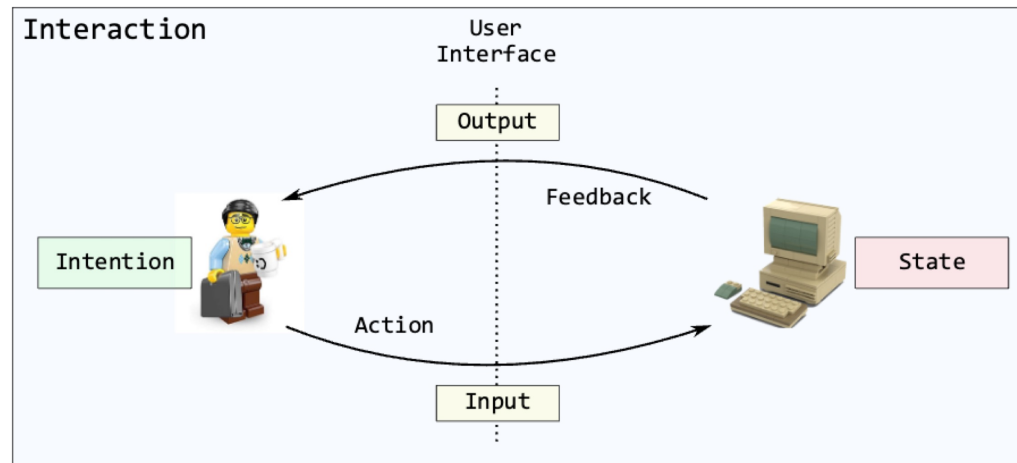
Advantages

- Low coupling (“separation of concerns”)
- High testability.
- Flexibility
- Ease of development.

Problems?

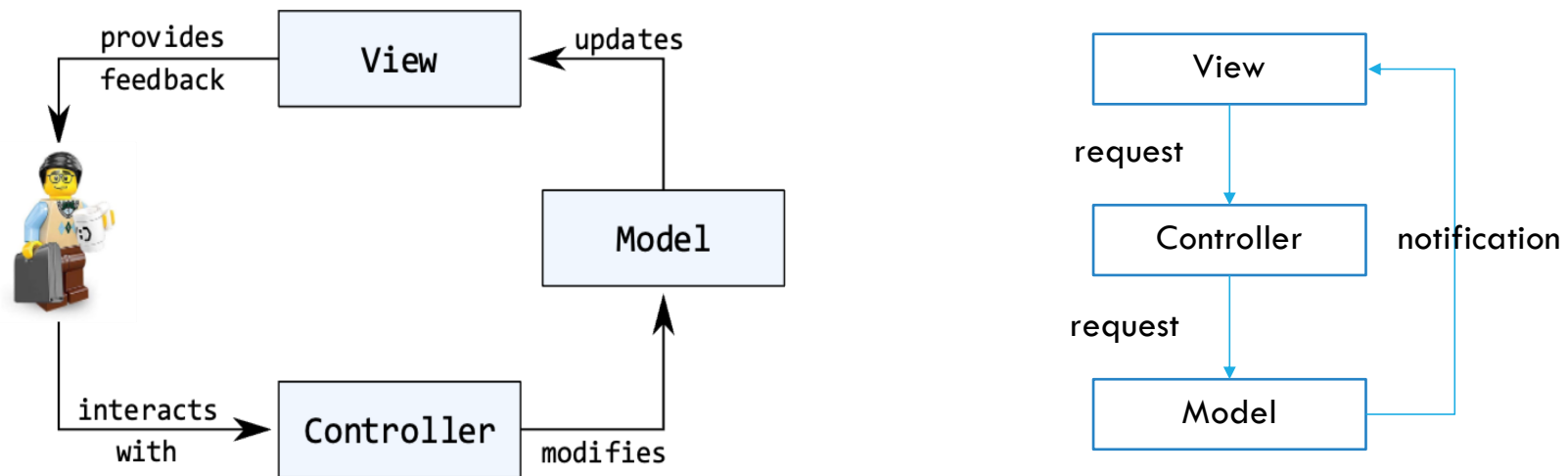
- How do you get feedback from lowest layers to highest layers?
- How do you model a complex UI?

INTERACTIVE APPLICATIONS?



User interaction is a feedback loop. How do we model this?

MODEL-VIEW-CONTROLLER (MVC) PATTERN



MVC is sort-of a layered architecture. Requests go down, notifications come back up.

MVVM

Adds a
ViewModel
between the
Model and View

