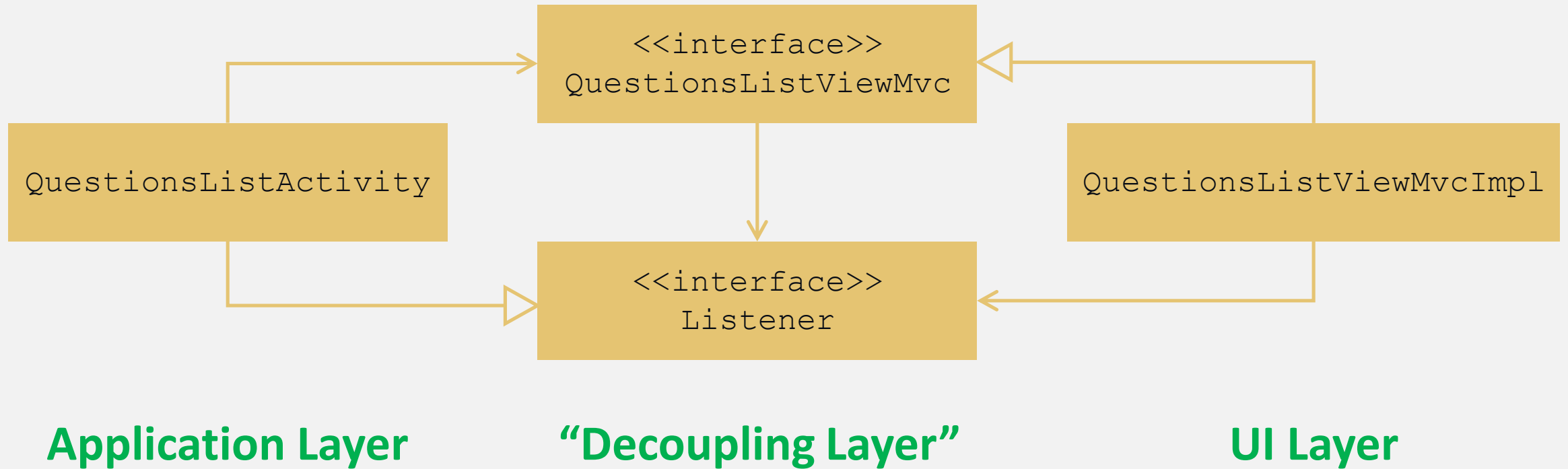# StackOverflow Client

Disclaimers

Simplest possible UI design

Simplified application with an emphasis on presentation layer architecture

No discussion of StackOverflow API

Let's write some code!!!

Extract UI Logic Into Standalone Class

Application Layer   **"Decoupling Layer"**   **UI Layer**

MVC View in ListView

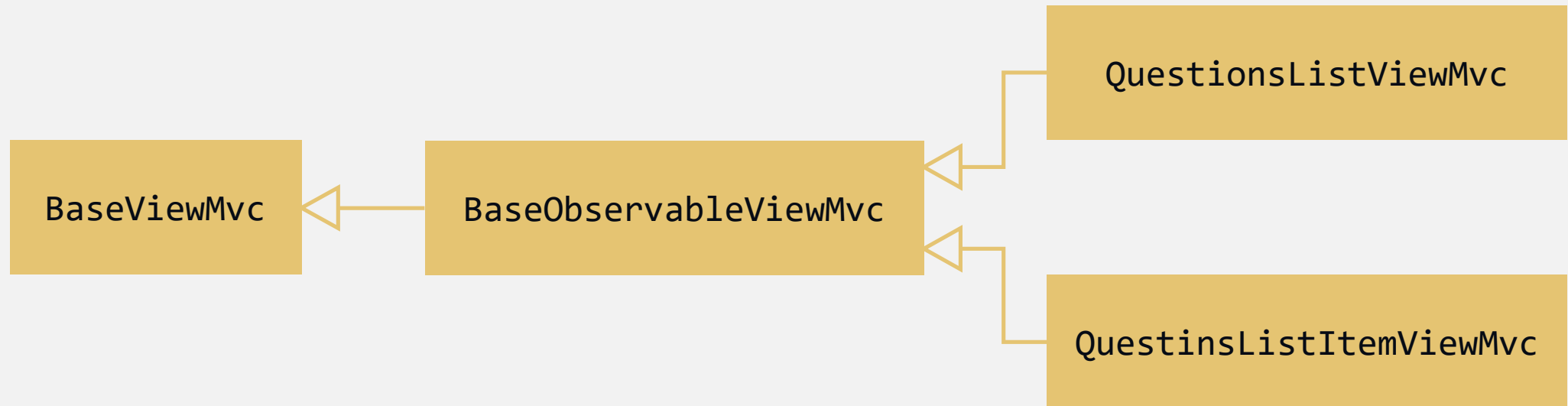No need for ViewHolder hack

Prevents messy adapters

Reusable

Same level of abstraction for the topmost UI container and child containers

Why Not Use Android Views as MVC Views?

You can do that!

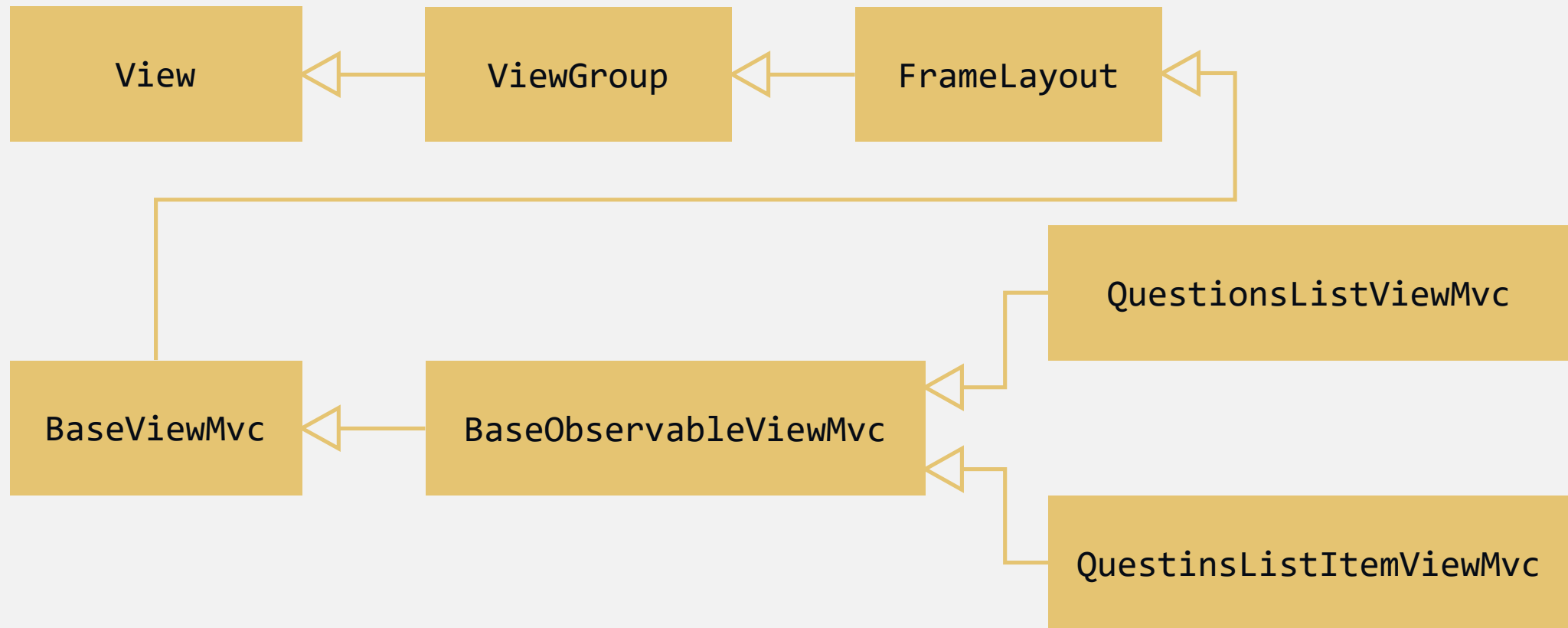## But ...

MVC Views Inheritance Hierarchy

MVC Views Inheritance Hierarchy (FrameLayout)

Disadvantages of Using Android Views as MVC Views

Inherit thousands of lines of code

Inherit 100+ methods

Standalone hierarchy for each specific Android ViewGroup

Prefer Composition over Inheritance

MVC Basics

Summary of MVC Basics

MVC views are classes that implement ViewMvc interface

Interactive MVC views implement ObservableViewMvc interface

Dedicated interfaces for specific MVC views and their Observers

MVC views can be nested

Activities are MVC controllers

Android Views are non-optimal implementation choice for MVC views