

Model View Controller

Advanced Topics in iOS & Swift
11/04/2016

Getting real...

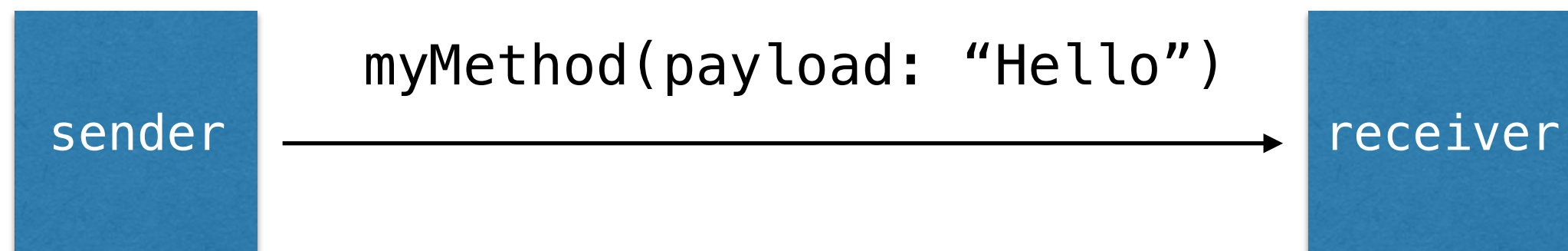
- Creating a small *MoodTracker* app that displays a list of friends in a table view
- each friend has a **mood** that can be toggled with a tap on the button that displays the mood symbol (😄😐😡)
- **Goal:** implement a *proper information flow* according to the MVC pattern
- Note: you'll learn about usage of enums and different communication patterns along the way

Direct Method Invocation

fancy term for **method call**

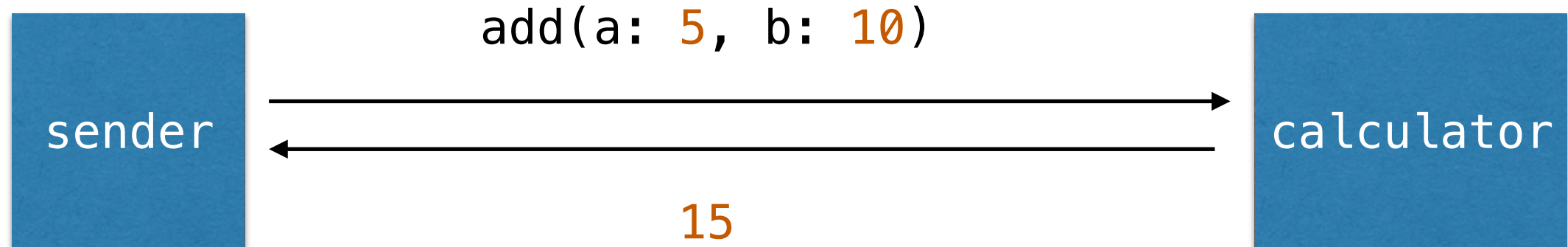
simplest form to **make objects communicate**

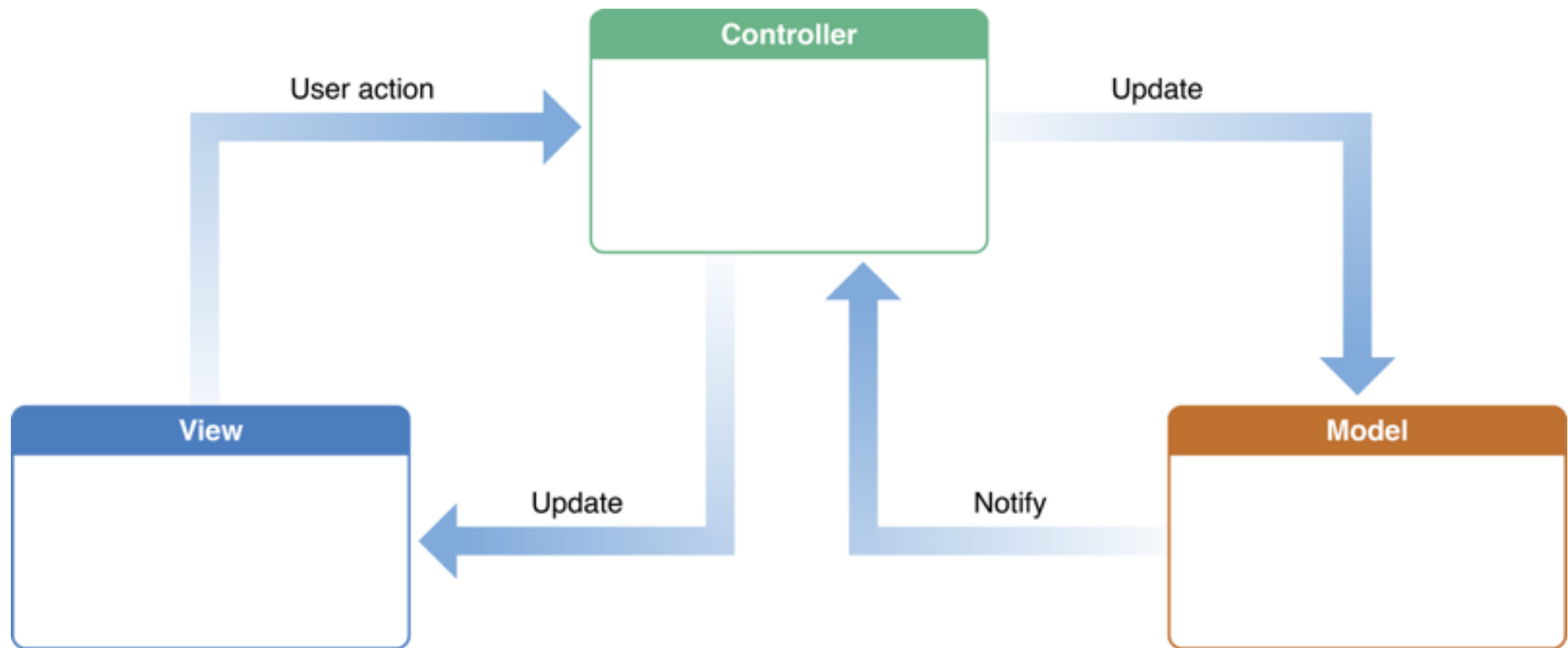
calling method on an object = **send message** to that object



Direct Method Invocation

```
class Calculator {  
    func add(a: Int, b: Int) -> Int {  
        return a+b  
    }  
}
```





Controller

FriendsTableViewController

2

OK, I update the
friend's mood

3

the friend's mood
changed, **view** needs
to look different now

my friend
got tapped

1

Friend

Model

FriendTableViewCell

View

