

Introduction to UIKit

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UIImageView

UILabel

UITableView

UIView

A large, solid blue rectangle is positioned in the center of the image. It represents a UIView, which is a fundamental component in iOS development for creating the visual elements of an app.

UITextView

UIButton

UISwitch

UIImageView

UIView

UITextView

UILabel

UIButton

UISwitch

UITableView

UIImageView

UIView

UITextView

Hello World

UIButton

UISwitch

UITableView

UIImageView

UIView

UITextView

Hello World

UIButton

UISwitch

UITableView

UIImageView

UIView

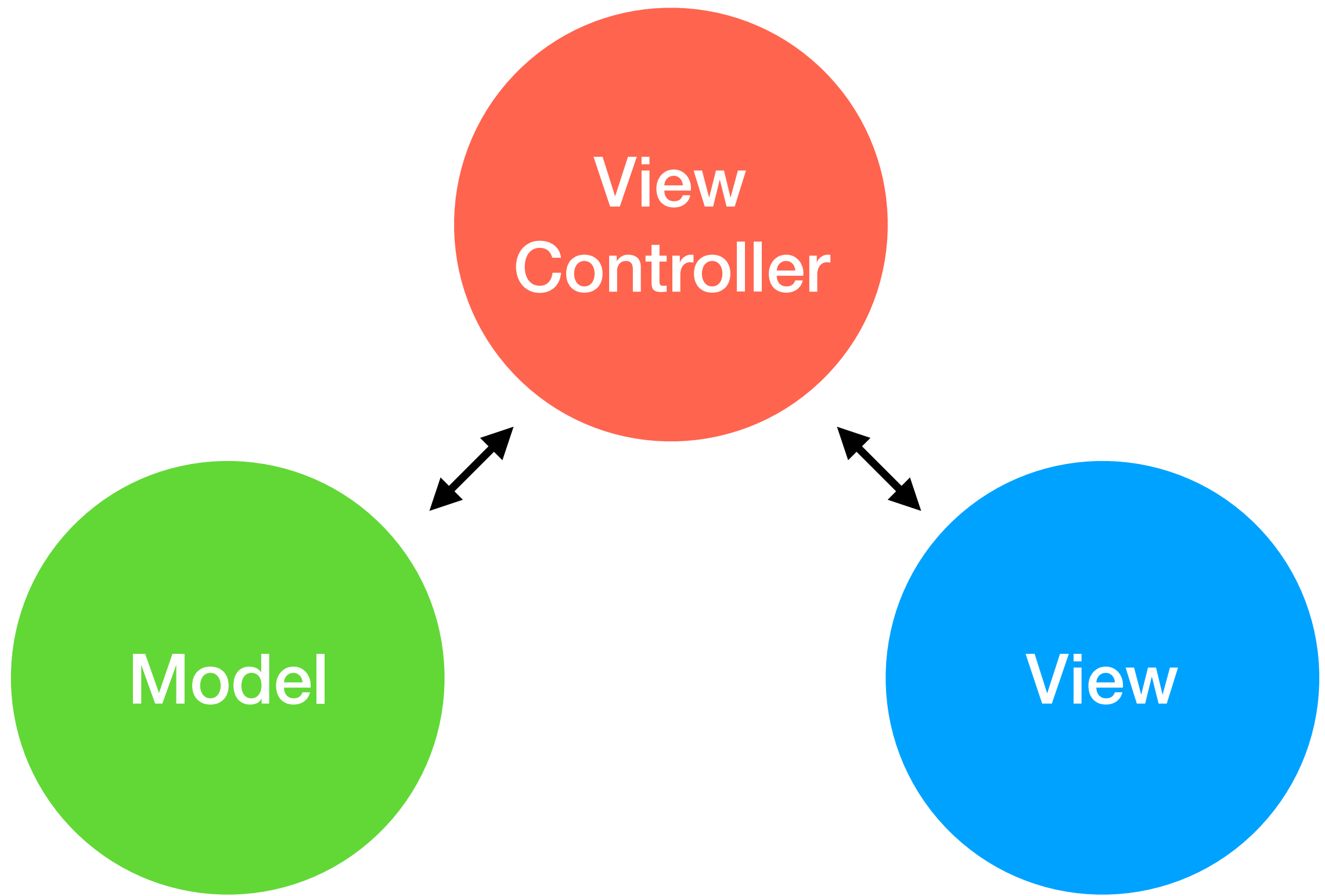
UITextView

Hello World

Submit

UISwitch

UITableView



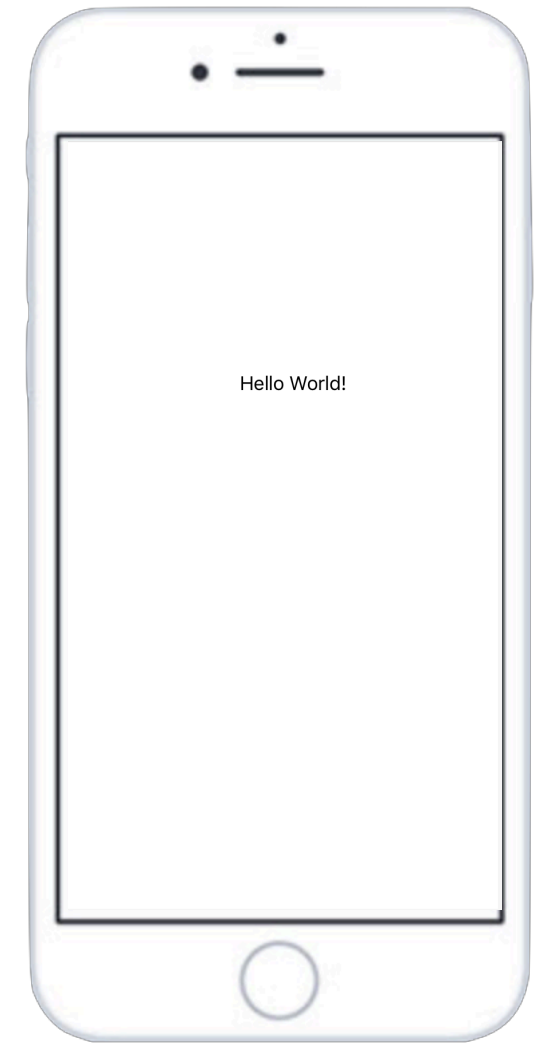
UIViewController

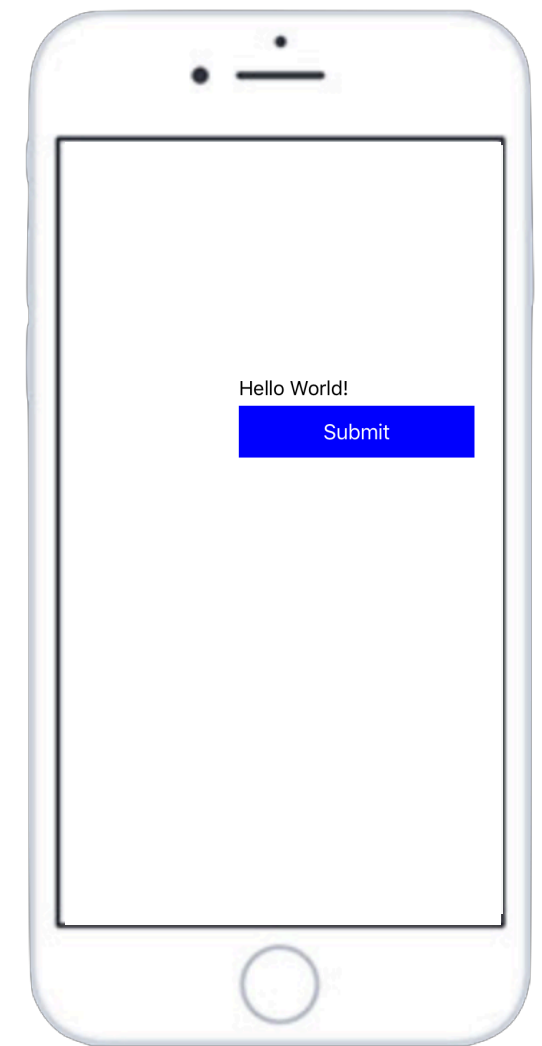
UIView

Hello World

Submit


```
class MyViewController : UIViewController {  
    override func loadView() {  
        let view = UIView()  
        view.backgroundColor = .white  
  
        let label = UILabel()  
        label.frame = CGRect(x: 150, y: 200, width: 200, height: 20)  
        label.text = "Hello World!"  
        label.textColor = .black  
  
        view.addSubview(label)  
        self.view = view  
    }  
}
```





```
class MyViewController : UIViewController {  
    override func loadView() {  
        let view = UIView()  
        view.backgroundColor = .white  
  
        let label = UILabel()  
        label.frame = CGRect(x: 150, y: 200, width: 200, height: 20)  
        label.text = "Hello World!"  
        label.textColor = .black  
  
        let button = UIButton(frame: CGRect(x: 150, y: 225, width: 200, height: 44))  
        button.backgroundColor = .blue  
        button.setTitleColor(.white, for: .normal)  
        button.setTitle("Submit", for: .normal)  
  
        view.addSubview(label)  
        view.addSubview(button)  
        self.view = view  
    }  
}
```

```

class MyViewController : UIViewController {

    var label: UILabel?

    override func loadView() {

        let view = UIView()
        view.backgroundColor = .white

        let label = UILabel()
        label.frame = CGRect(x: 150, y: 200, width: 200, height: 20)
        label.text = "Hello World!"
        label.textColor = .black
        self.label = label

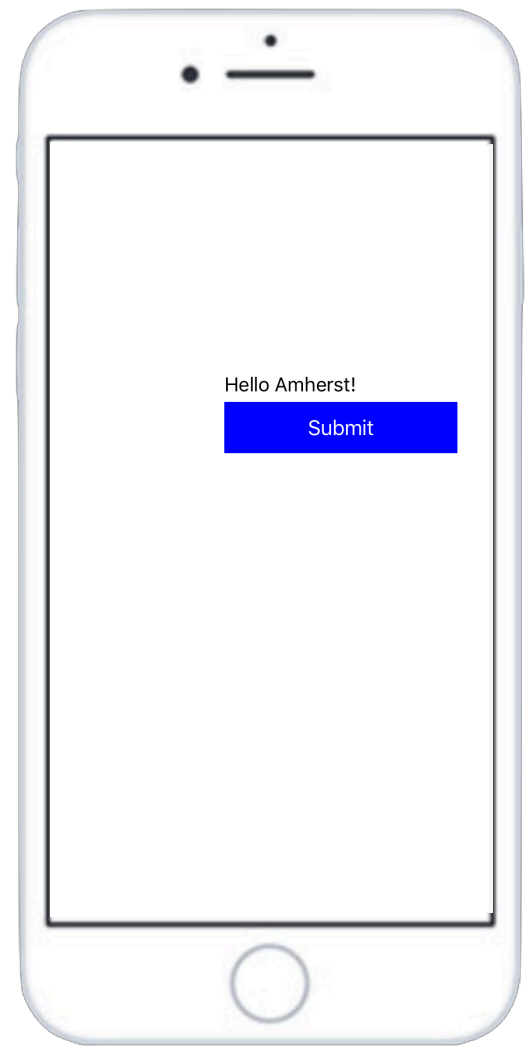
        let button = UIButton(frame: CGRect(x: 150, y: 225, width: 200, height: 44))
        button.backgroundColor = .blue
        button.setTitleColor(.white, for: .normal)
        button.setTitle("Submit", for: .normal)
        button.addTarget(self, action: #selector(buttonWasPressed), for: .touchUpInside)

        view.addSubview(label)
        view.addSubview(button)
        self.view = view
    }

    @objc func buttonWasPressed() {
        self.label?.text = "Hello Amherst!"
    }

}

```



https://github.com/jeremy6462/Talks_Intro-UIKit

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