

RxSwift Basics – Day 5

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Simple Table View

```
@IBOutlet var tableView: UITableView!

func bindTableView() {
    let cities = Observable.of(["Lisbon", "Copenhagen", "London", "Madrid",
    "Vienna"])

    cities
        .bind(to: tableView.rx.items) {
            (tableView: UITableView, index: Int, element: String) in
            let cell = UITableViewCell(style: .default, reuseIdentifier:
"cell")
            cell.textLabel?.text = element
            return cell
        }
        .disposed(by: disposeBag)
}
```



Simple Table View

```
tableView.rx  
    .modelSelected(String.self)  
    .subscribe(onNext: { model in  
        print("\(model) was selected")  
    })  
    .disposed(by: disposeBag)
```



Table View – Multi Cell

```
enum MyModel {  
    case text(String)  
    case pairOfImages(UIImage, UIImage)  
}  
  
let observable = Observable<MyModel>.just([  
    .textEntry("Paris"),  
    .pairOfImages(UIImage(named: "EiffelTower.jpg")!, UIImage(named:  
"LeLouvre.jpg")!),  
    .textEntry("London"),  
    .pairOfImages(UIImage(named: "BigBen.jpg")!, UIImage(named:  
"BuckinghamPalace.jpg")!)  
])
```



Table View – Multi Cell

```
observable.bind(to: tableView.rx.items) {  
    (tableView: UITableView, index: Int, element: MyModel) in  
    let indexPath = IndexPath(item: index, section: 0)  
  
    switch element {  
    case .textEntry(let title):  
        let cell = tableView.dequeueReusableCell(withIdentifier: "titleCell",  
for: indexPath) as! TextCell  
        cell.titleLabel.text = title  
        return cell  
    case .pairOfImages(let firstImage, let secondImage):  
        let cell = tableView.dequeueReusableCell(withIdentifier:  
"pairOfImagesCell", for: indexPath) as! ImagesCell  
        cell.leftImage.image = firstImage  
        cell.rightImage.image = secondImage  
        return cell  
    }  
}  
}.disposed(by: disposeBag)
```



Observable

- ▬ Create login and get profile observables

Sequential Call – Two Observables

RxCocoa UI Binding – button, textfield, TableView

Subject, Relay