RxJS: The Big Picture

INTRODUCTION TO REACTIVE PROGRAMMING AND RXJS



Brice Wilson

@brice_wilson www.BriceWilson.net



What is RxJS?



What Problems Does RxJS Solve?



Streams of Data



Synchronous data

Asynchronous data

Application data from a server

User-provided data

Client-side event data

Function return values

Processing Streams of Data



Callback functions

Promises

Event handlers

Loops

Variable assignment



Design Patterns: Elements of Reusable Object-Oriented Software

Erich Gamma, Richard Helm, Ralph Johnson, John Vlissides









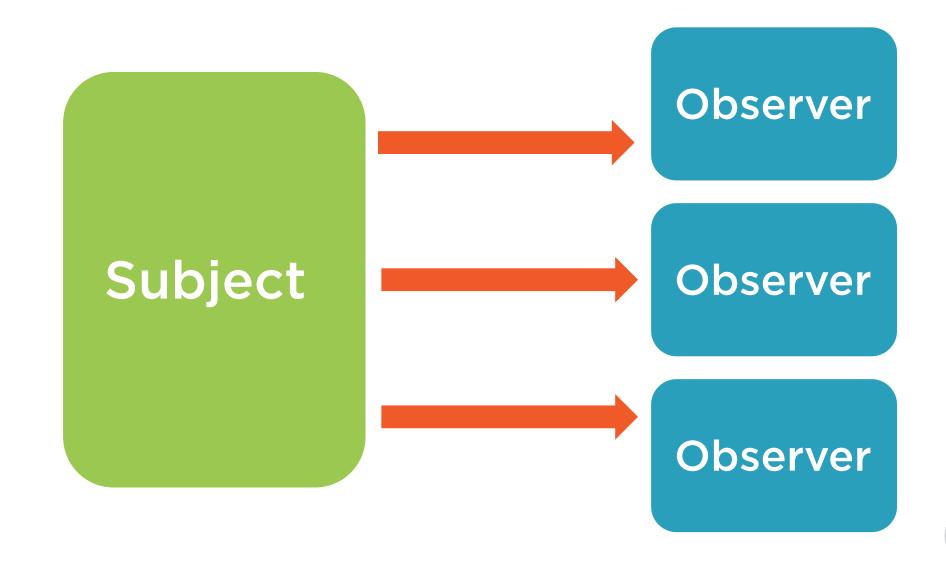
Subject

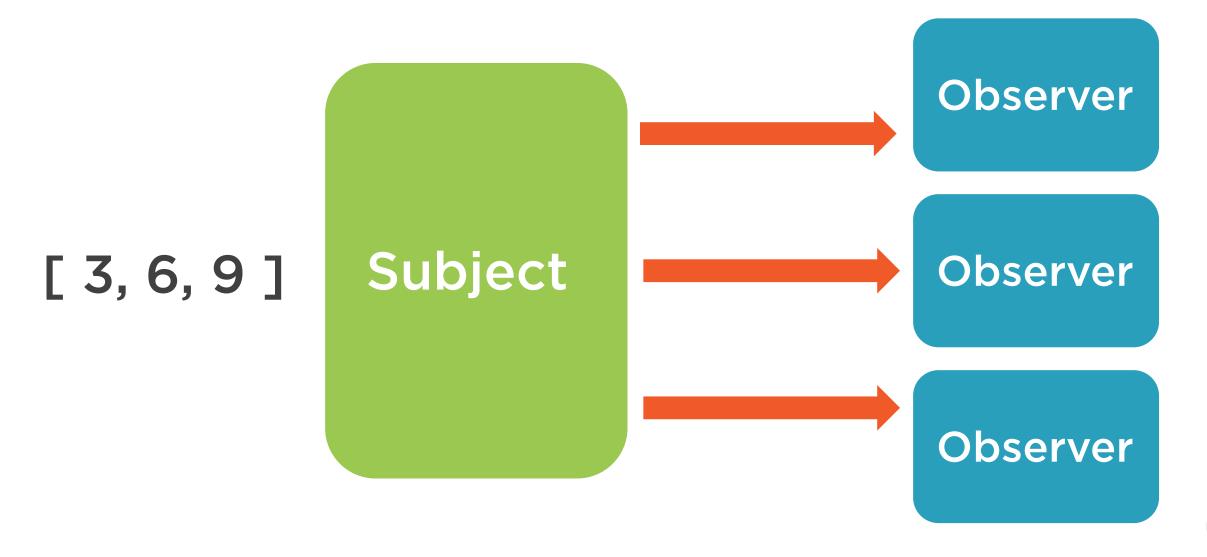
Observer

Observer

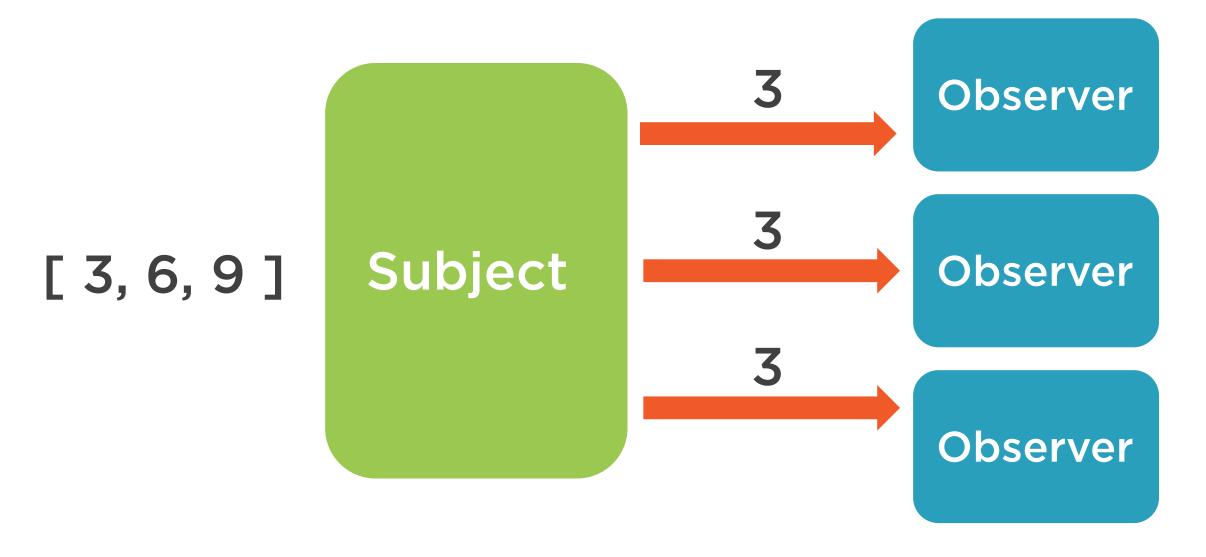
Observer



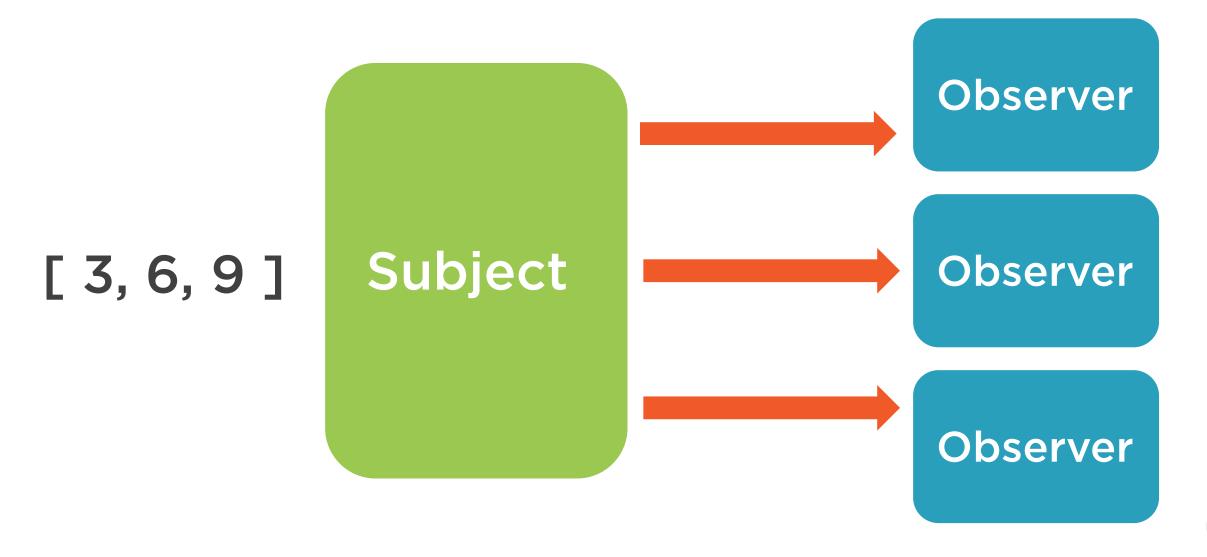




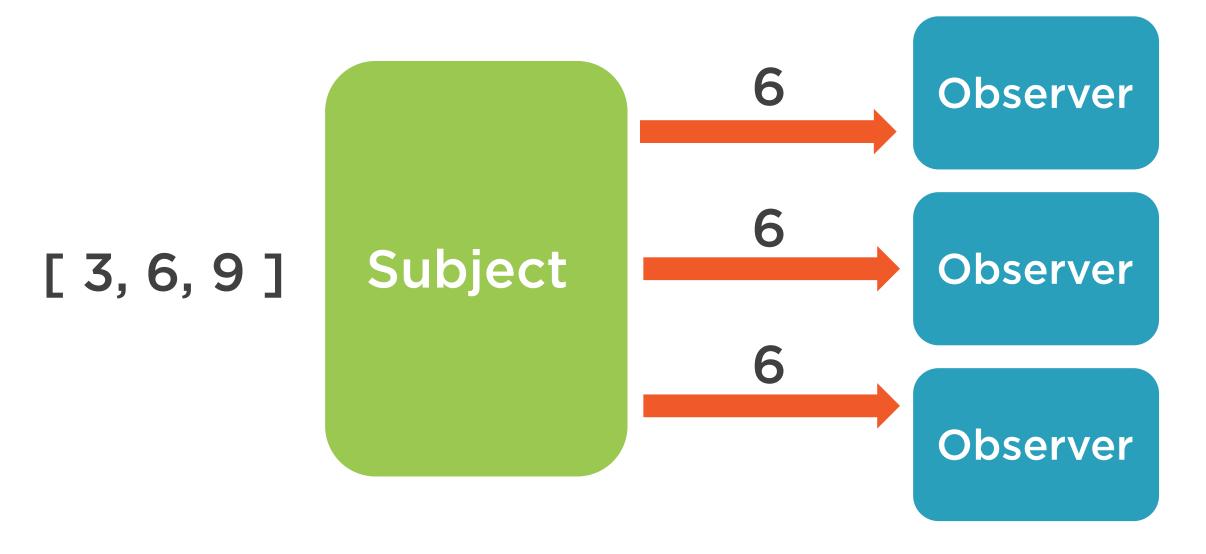
















Observable



Observable

subscribe()



