



The Reactive Mindset

Avadhoot Pitambare • April 2018

What are Reactive Applications?

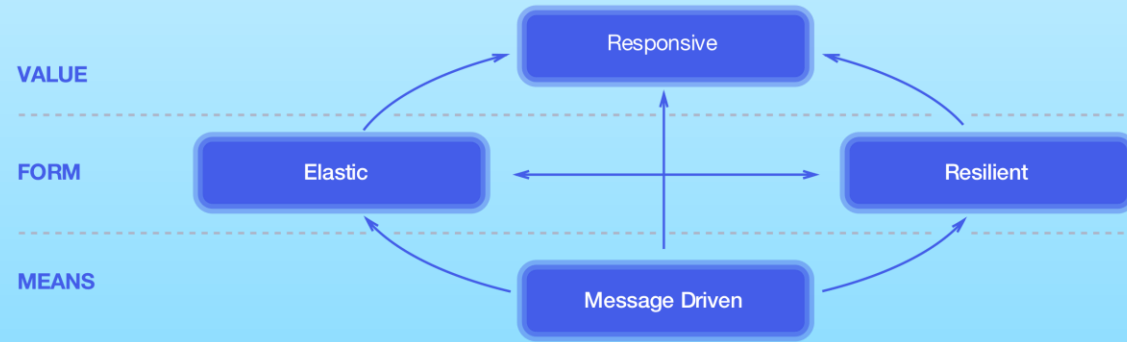
The Reactive Manifesto (www.reactivemanifesto.org)

Responsive

Resilient

Elastic

Message Driven



What are Reactive Applications?

Wikipedia

“**reactive programming** is a declarative programming paradigm concerned with data streams and the propagation of change. This means that it becomes possible to express static (e.g. arrays) or dynamic (e.g. event emitters) *data streams* with ease via the employed programming language(s), and that an inferred dependency within the associated *execution model* exists, which facilitates the automatic propagation of the change involved with data flow”

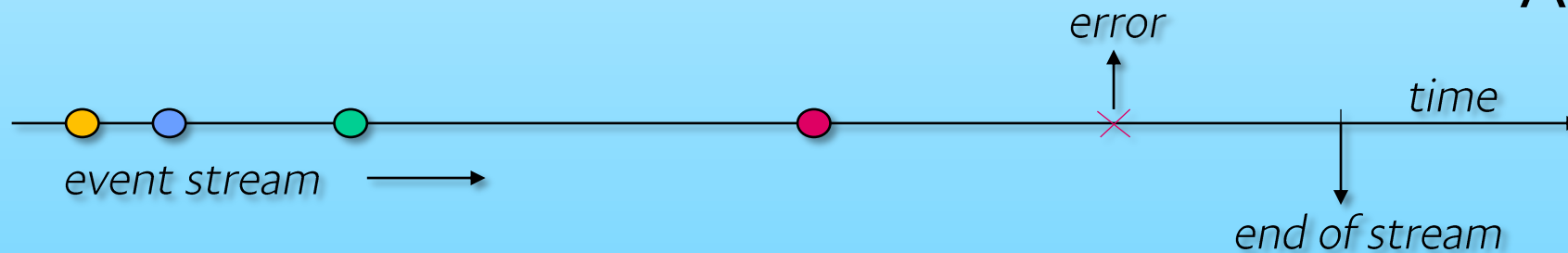
AREY! KEHNA KYA CHAhte HO?



What do you mean?

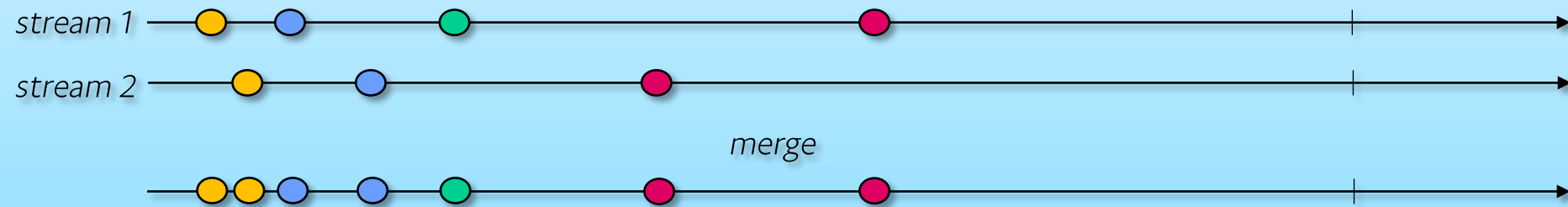
What are Reactive Applications?

“Reactive programming is programming with asynchronous data streams”

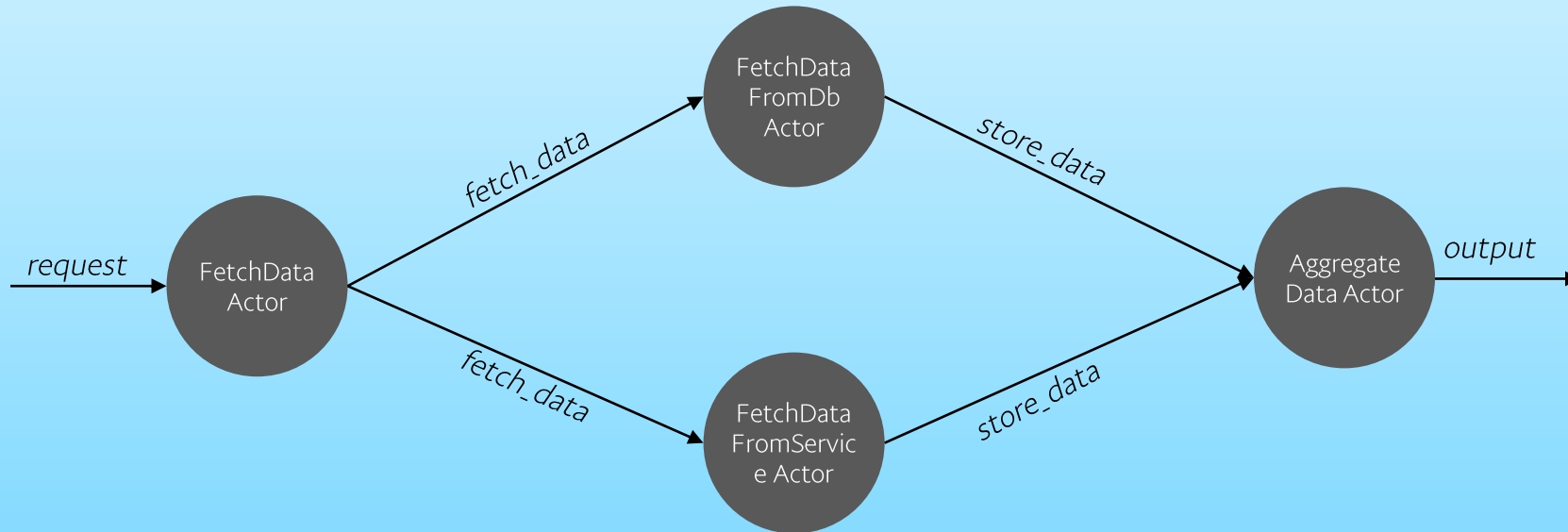


-André Staltz

Event Streams



Message Driven



Key Points

Lambdas

Laziness

Concurrency

Debugging

Composition

Testing

Mental Map



