

The background of the slide is a light gray gradient, decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and subtle, scattered across the top and bottom edges of the frame.

REACTIVEX , RXJAVA AND RXANDROID

DATA STREAMS EVERYWHERE

- If you consider a mobile application, you can create a data stream out of anything
- Click events, network calls, data storage, variable changes and even errors can be used to generate data streams
- Modules run on their own threads, executing multiple code blocks at the same time.

WHAT IS REACTIVE PROGRAMMING?

- In computing, reactive programming is a declarative programming paradigm concerned with data streams and the propagation of change.
- with this paradigm it is possible to express static (e.g., arrays) or dynamic (e.g., event emitters) data streams with ease, and also communicate that an inferred dependency within the associated execution model exists, which facilitates the automatic propagation of the changed data flow.

--- Wikipedia ---



WHAT IS REACTIVE PROGRAMMING?

- In reactive programming the consumer code blocks reacts to the data as it comes in.



WHAT IS REACTIVEX?

- ReactiveX is a short word for reactive extensions.
- ReactiveX is a project which provides implementations for this reactive programming concept for different programming languages.
- ReactiveX is a combination of the best ideas from the Observer pattern, the Iterator pattern, and functional programming.

, WHAT IS THE DIFFERENCE BETWEEN RXJAVA AND RXANDROID?

- RxAndroid does not replace rxjava.
- RxAndroid is just a layer on top of RxJava which provides android specific support.