

 Flutter Indonesia

# Manage Your State with State Management

Saturday, August 8, 2020



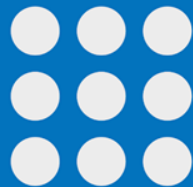
## Brief Introduction About Myself

Erico Darmawan Handoyo

- Lecturer (Maranatha University)
- Flutter Tutorial Creator at YouTube
- Flutter Trainer

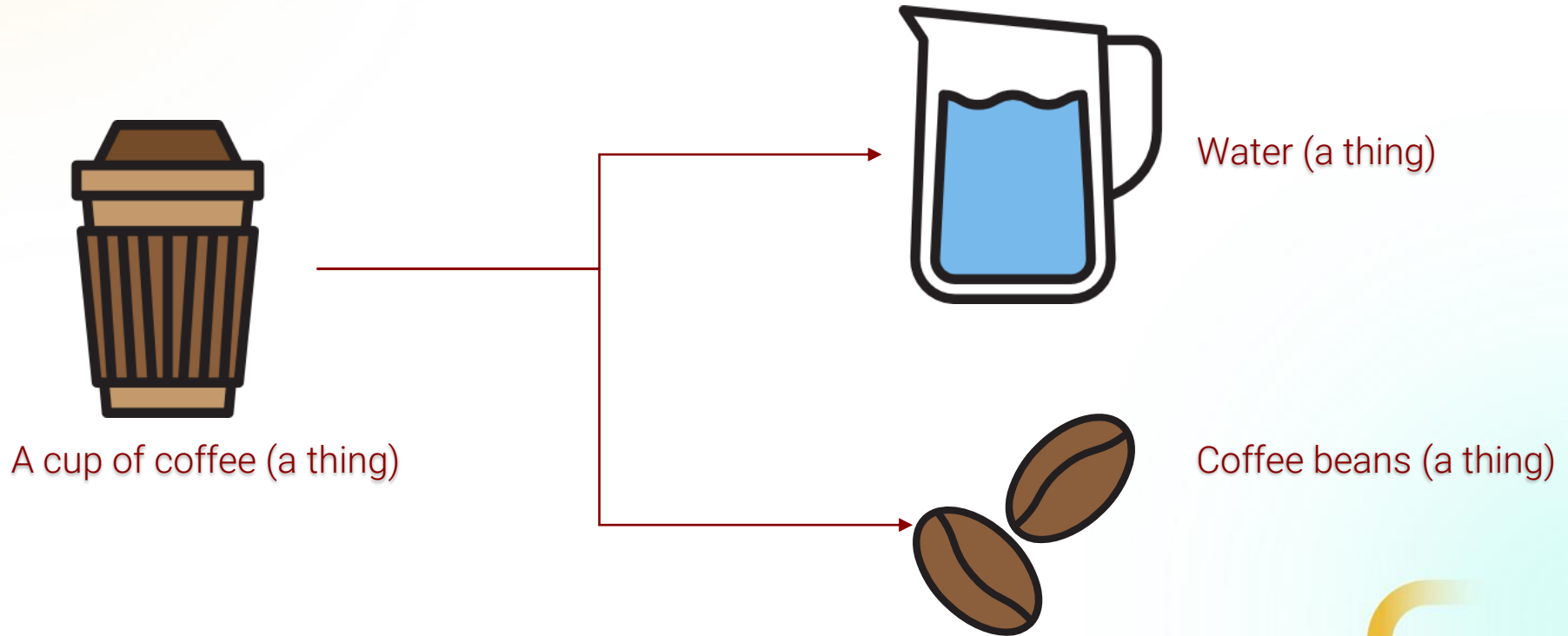


<https://www.youtube.com/c/ericodarmawanhandoyo>



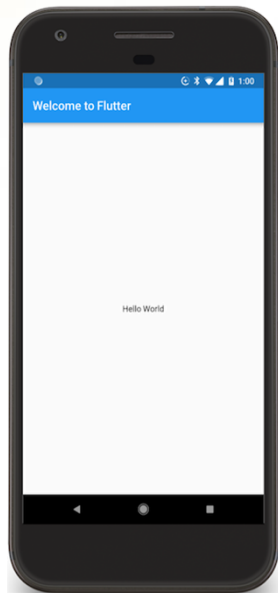
# Widget

## REAL WORLD: Everything consists of thing(s)



# Widget $\approx$ Thing

**FLUTTER: Every widget (thing) consists of widget(s)**



Welcome to Flutter

AppBar widget (a widget)

[Hello World]

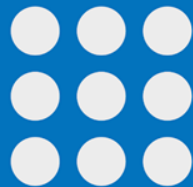
Text widget (a widget)

# Widget

- Method build dapat dipanggil beberapa kali per detik.
- Widget dalam Flutter selalu bersifat immutable.
- Variabel dalam widget bersifat final.
- Widget yang memiliki state → stateful widget.

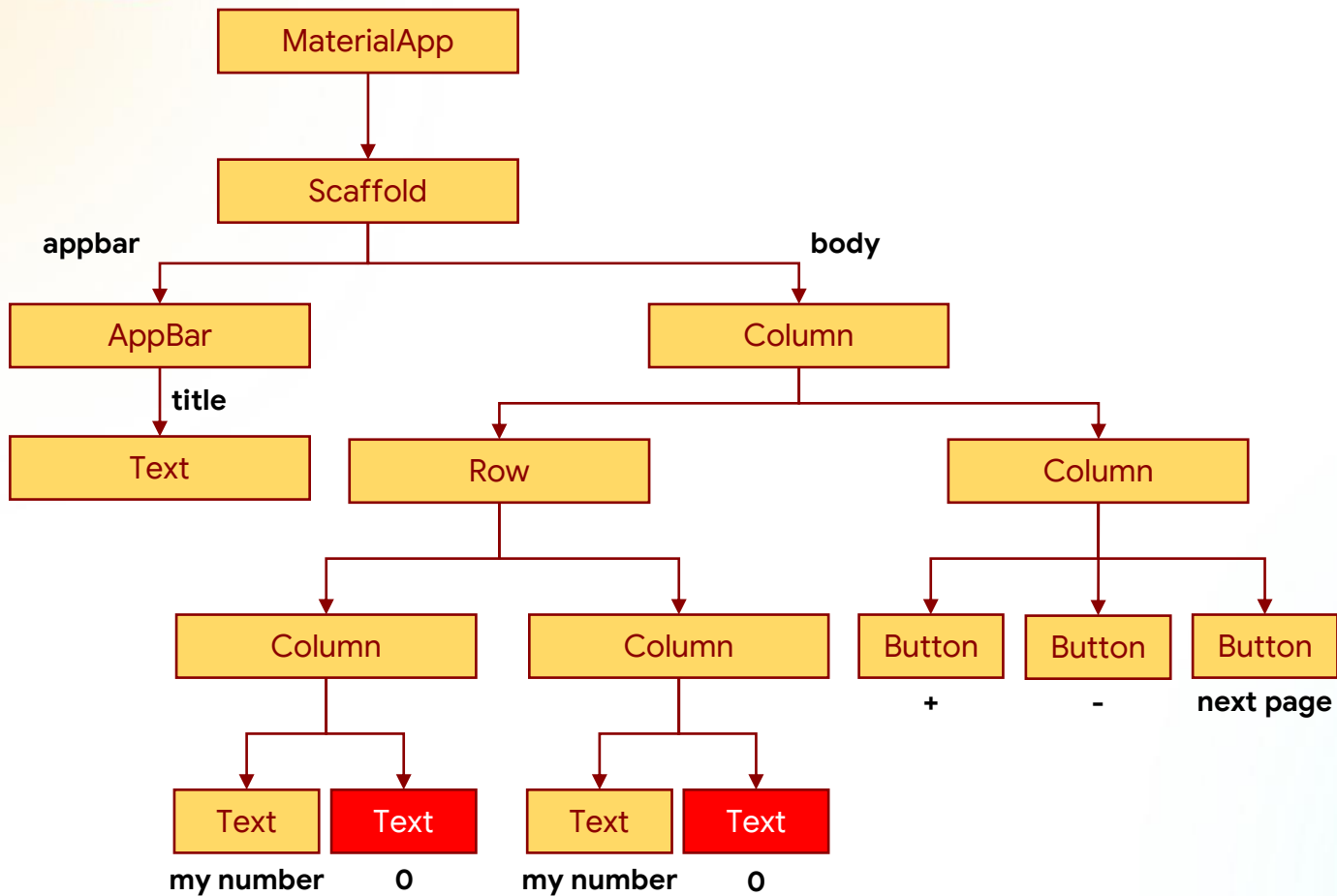


# Demo stateless & stateful



# Widget Tree





## Widget Tree

- **BuildContext** berisi **informasi** mengenai semua “**ancestor**” hingga widget pemilik BuildContext.
- **Data** dialirkan dari **atas ke bawah**.

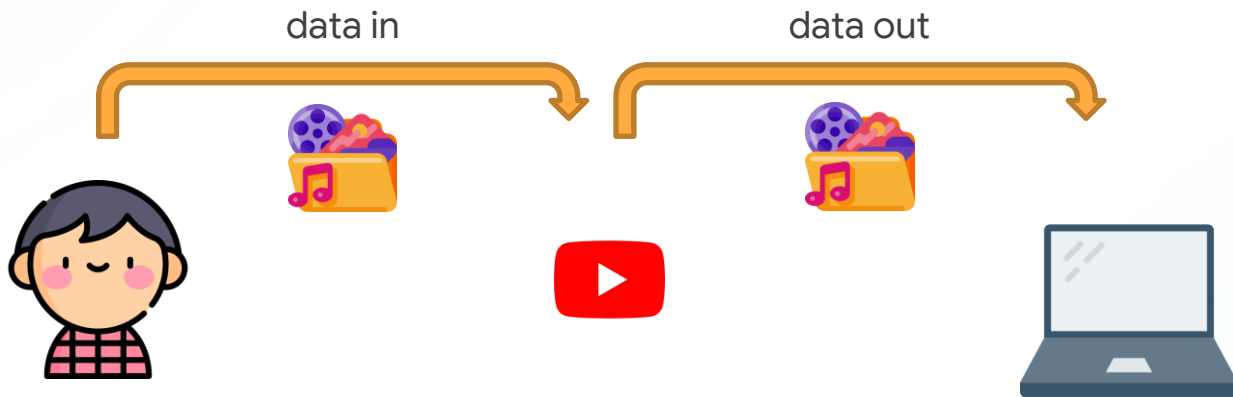


# Demo – Reason 1

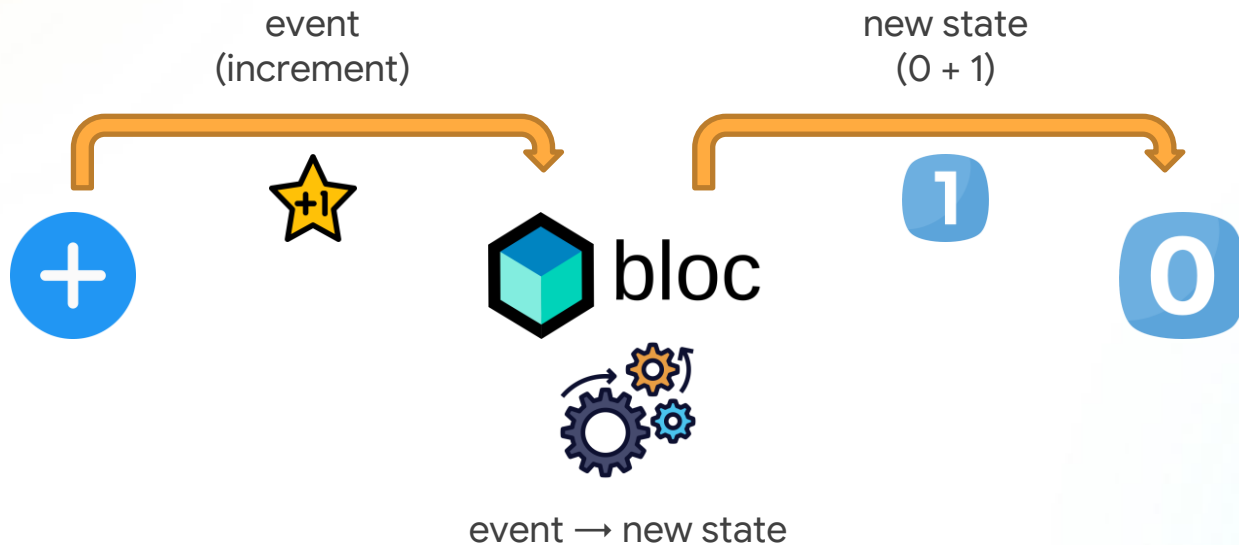


## Demo – Reason 2

## Youtube Live Streaming (Illustration)



## BLoC (Business Logic Component)





# Demo Bloc State Management

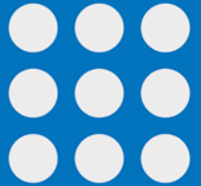
## Why do I provide this?

- Widget
- Stateless widget & stateful widget
- Widget Tree
- Declarative & Imperative Programming





*Thank you*



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