



Coding Zone
COMMUNITY

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Evento online gratuito

MINICORSO RESPONSIVE DESIGN IN FLUTTER

Principi di Responsive Design

Speaker



FEDERICO PAREZZAN

Software Engineer

28

SETTEMBRE

2022

ore 18:45

Ospitato su
**the
Communities Bay**



Federico Parezzan

Software Engineer

-  **Tech addicted with experience in: Java, Flutter, Dart, Angular, React.**
-  **Oracle Certified Associate** 
-  **Founder of tech Italian community *Sviluppatori Flutter***
-  **Team member of *The communities Bay*** 
-  **Speaker in many Italian communities**
-  **Huawei Developer expert** 



I am a man, I consider nothing that is human alien to me ~ Terenzio

Agenda

Creating a responsive Flutter app



Responsive VS Adaptive



Basic approaches



Demos

Question

What is one of Flutter's primary goals?



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single codebase that look and feel great on any platform



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adaptive and responsive

Responsive

- ✓ Layout tuned for the available screen size
- ✓ Necessary when the same app can run on a variety of devices

Adaptive

- ✓ Deal with mouse and keyboard and touch input
- ✓ App's visual density
- ✓ Platform-specific features

Agenda

Creating a responsive Flutter app



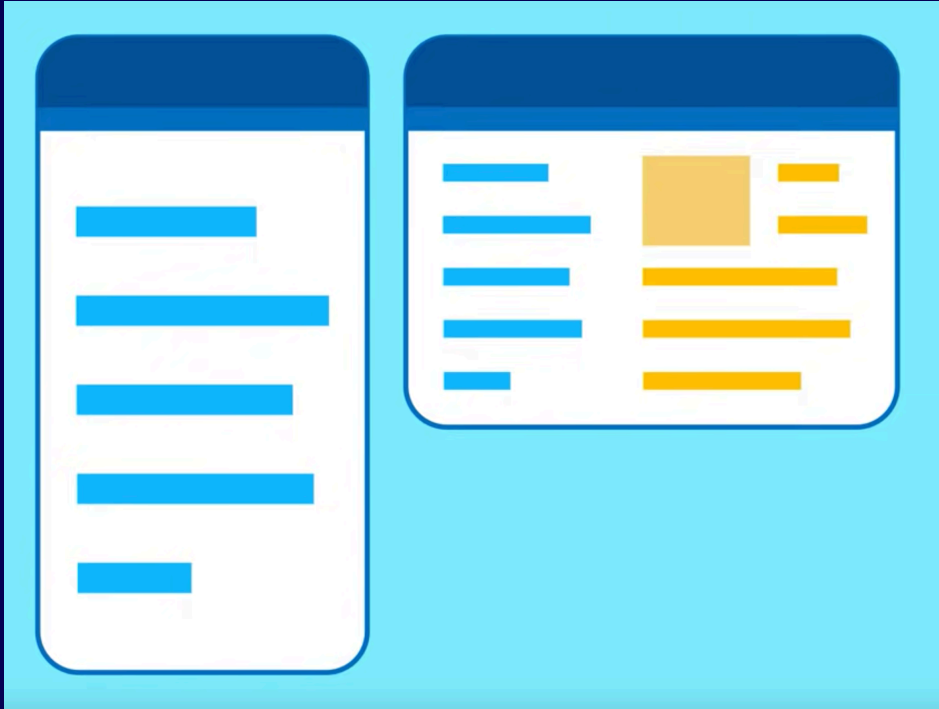
**Responsive VS
Adaptive**



Basic approaches



Demos

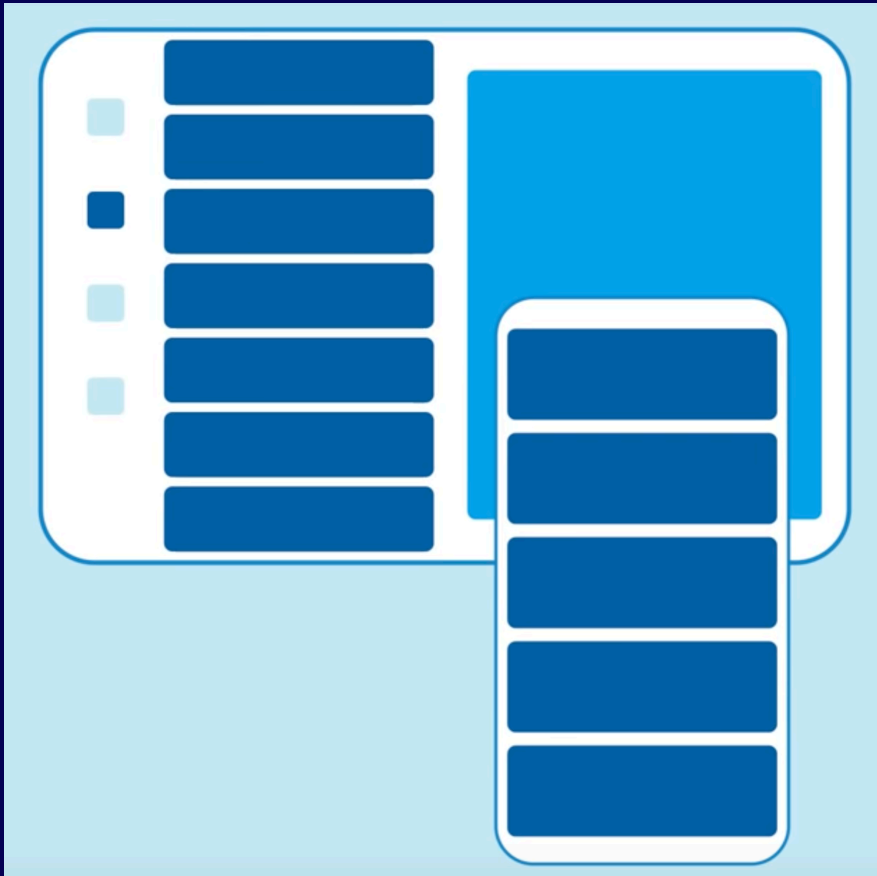


1

LayoutBuilder

Check Examine the constraint's properties to decide what to display.

Act When the constraints change the build function runs.



2

MediaQuery.of()

- Do** This gives you the size, orientation, etc, of your current app.
- Act** Your build function automatically runs if the user somehow changes the app's size.

3

Other useful widgets



Agenda

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**Responsive VS
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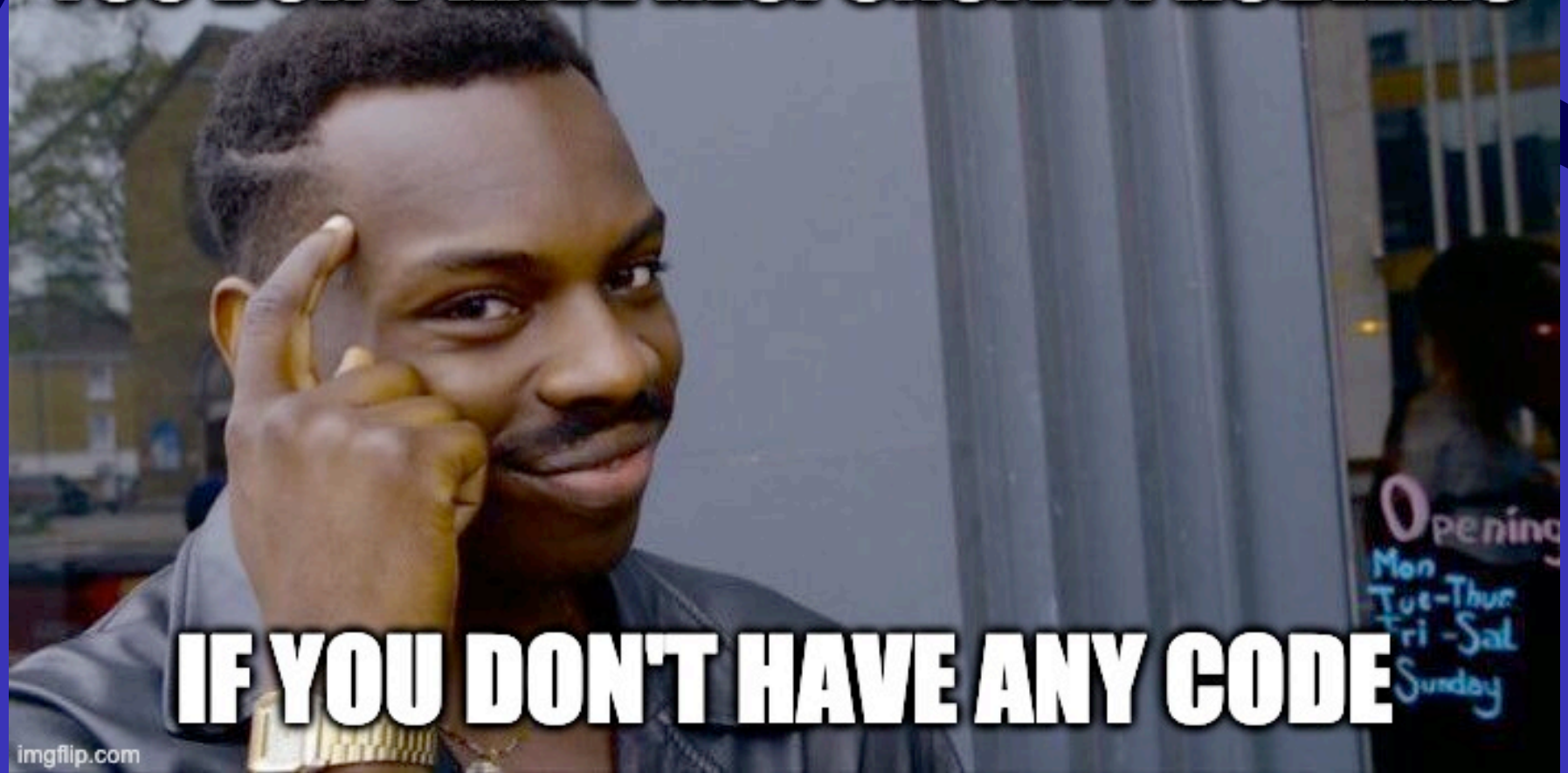


Basic approaches



Demos

YOU DON'T HAVE RESPONSIVE PROBLEMS



IF YOU DON'T HAVE ANY CODE

Responsive design in Flutter



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