



Google Flutter

neden bu kadar önemli?

Selçuk ÇELİK

MCSE, MCSD, MCDBA, CCNA, Net+

selcukcelik.org



Mobil Geliştirme Yaklaşımları



Native Yaklaşım



Hybrid Yaklaşım



Hybrid Yaklaşım



APACHE
CORDOVA™



Cross-Platform Yaklaşım



Google Flutter
Dart



Xamarin

C#



JavaScript

JavaScript



appcelerator[®]

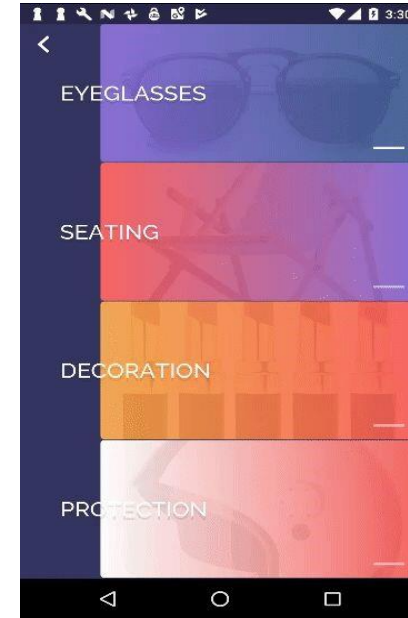
JavaScript

Peki Flutter nedir ?



Flutter is the next step in app development

- ✓ **Speed and performance**
Fast, smooth, predictable
- ✓ **Flexibility**
Customization, control
- ✓ **Native look and feel**
Familiarity, ease of use
- ✓ **Less time to market**
Rapid development, free

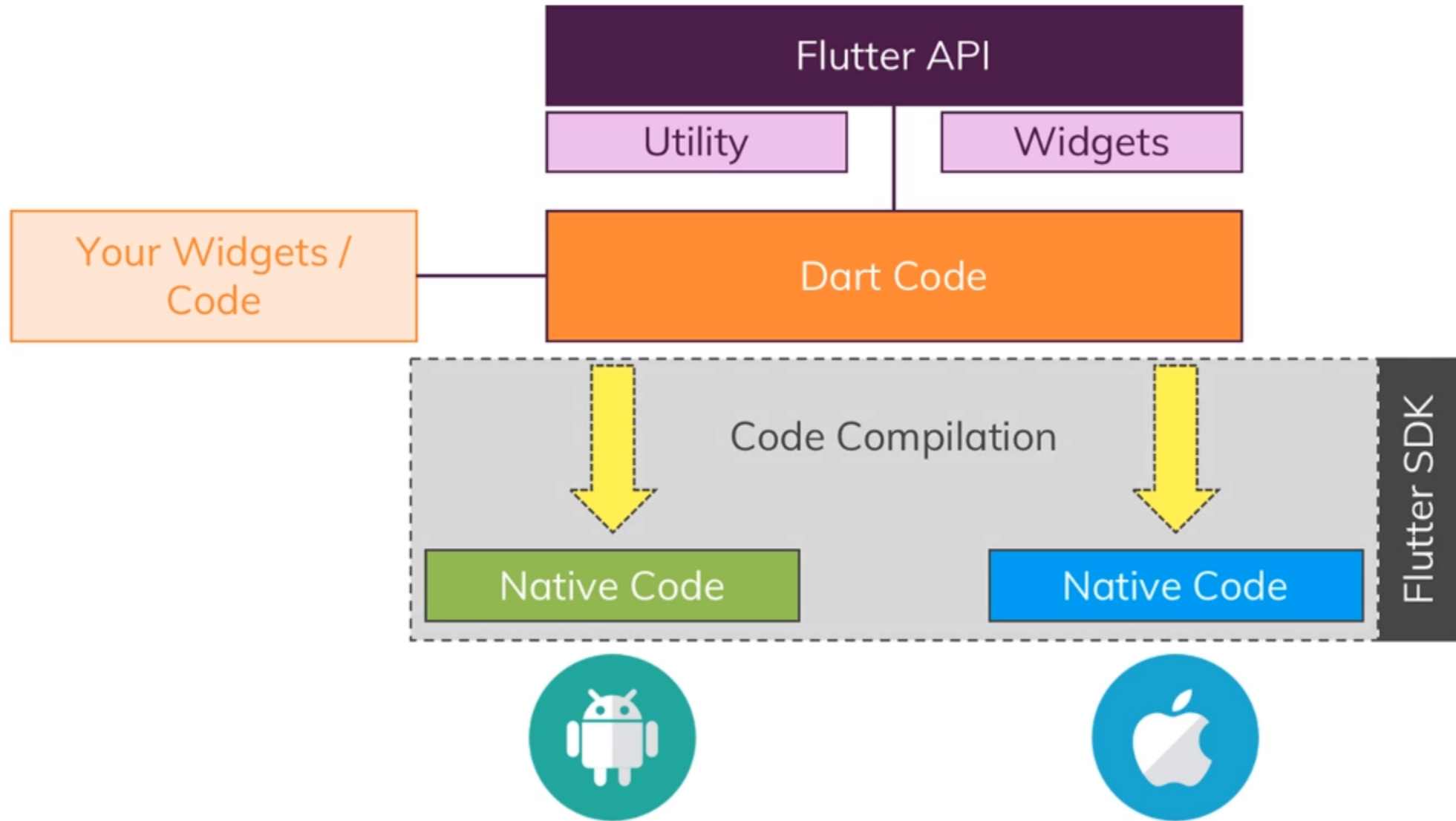


Flutter ı benzersiz yapan nedir?



- Native Code a derleme yapar (ARM Binary code)
- 3. Parti widget lara ihtiyaç duymaz

Flutter



Flutter hangi dilde yazıldı?





Dart Nedir?

- Google tarafından geliştirilen açık kaynak kodlu bir yazılım dili.
- Class-temelli, tekli-inheritance, C dili stilinde object oriented language.
- Interfaces, abstract classes, reified generics, ve isteğe bağlı typing(Dart 1) ve strong typing (Dart 2) destekler

Tümüne hükmeden tek dil..

MyApp

Language

Core Libs

AOT

JIT

Garbage
Collection

Developer
Support

Flutter nasıl çalışır ?



Widget!

Manage Products

Create Product My Products

Product Title

Product Description

Product Price

Address

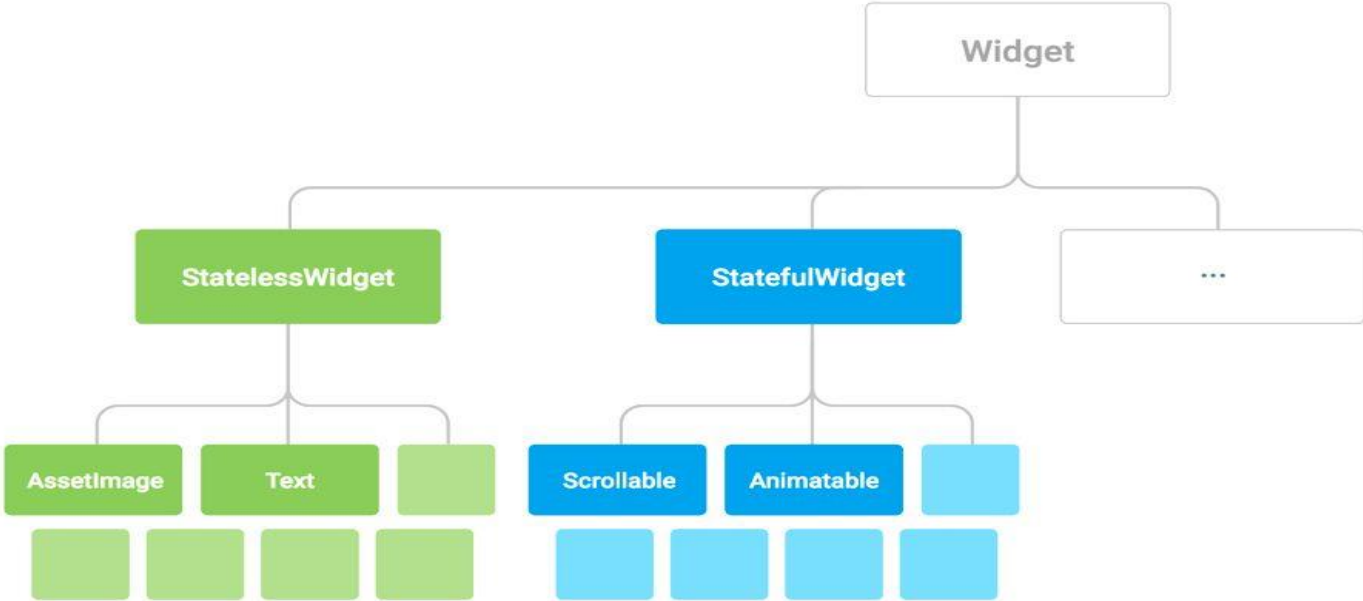
Locate User

Add Image

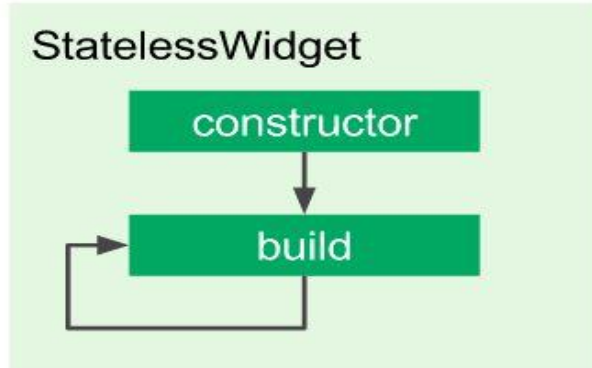
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Save

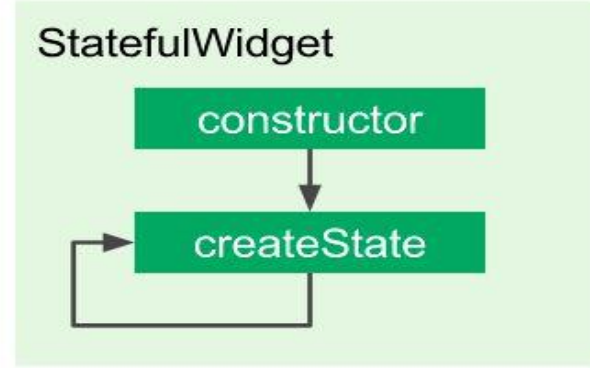
Her şey bir Widget



StatefulWidget ve StatelessWidget



A single StatelessWidget can build in many different BuildContexts



A StatefulWidget creates a new State object for each BuildContext