



# Android

Ahmet Oğuz Mermerkaya

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Aselsan

# İçindekiler

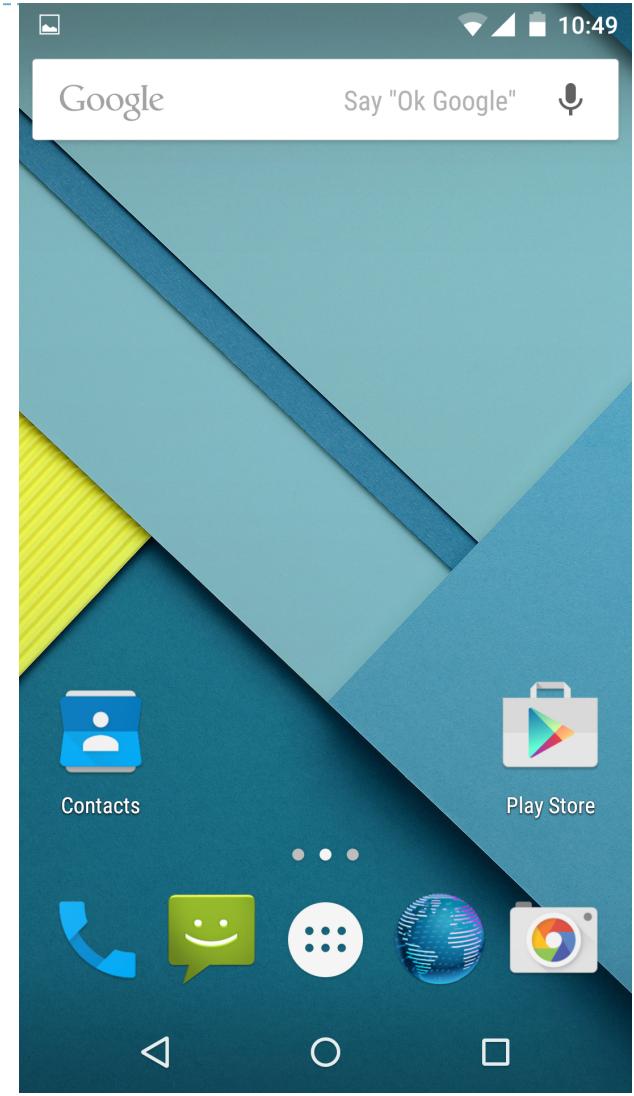
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- Android
- Android'in Özellikleri
- Android Framework ve Bazı Özellikleri
- Android'in Geleceği
- Android vs. iOS
- Uygulama Geliştirmeye Nereden Başlayalım?



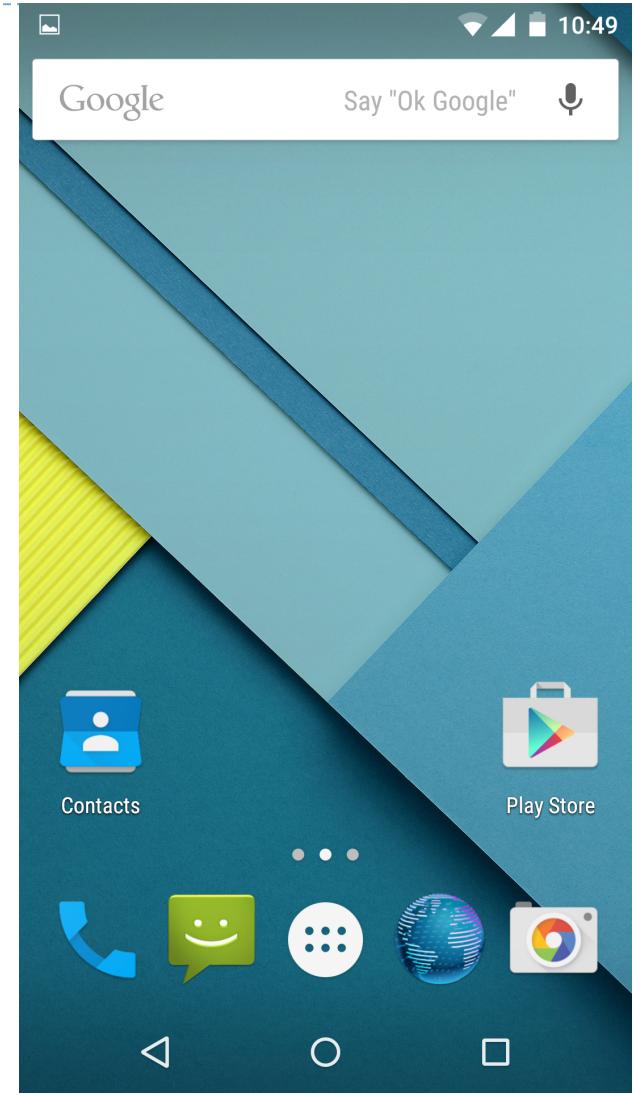
# Android

- Açık kaynak kodlu
- Linux tabanlı
- Mobil cihazlar(?) için işletim sistemi



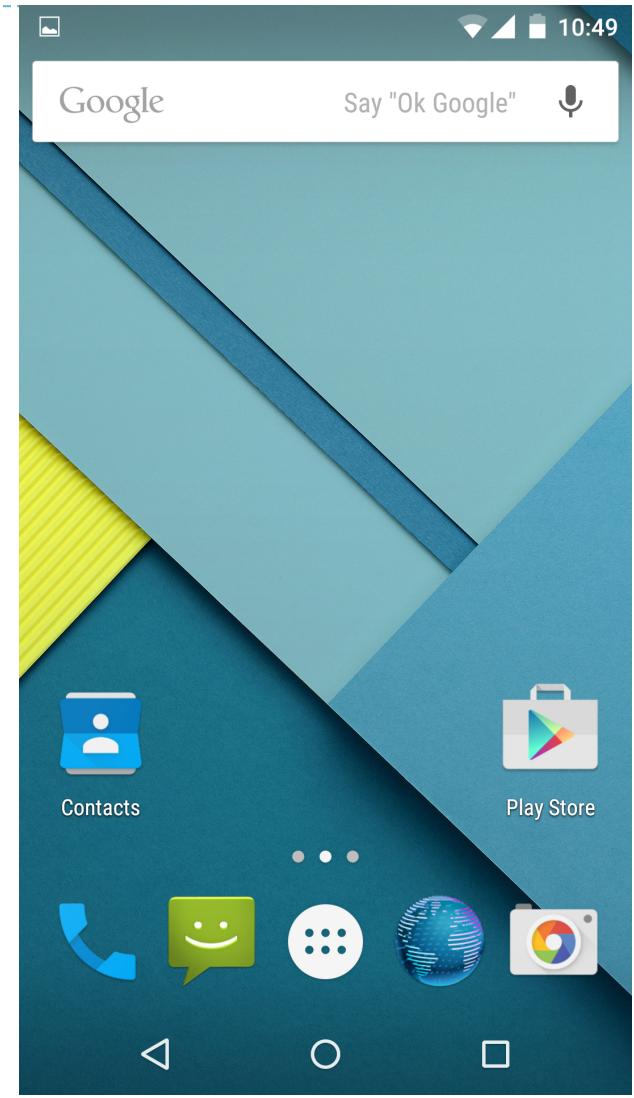
# Android

- Açık kaynak kodlu
- Linux tabanlı
- Mobil cihazlar(?) için işletim sistemi
- Embedded Linux nedir?



# Android

- Açık kaynak kodlu
- Linux tabanlı
- Mobil cihazlar(?) için işletim sistemi
- Embedded Linux nedir?
- Android vs. Embedded Linux



# Geyik[?] Bilgiler

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- Android nasıl başladı?
- Google Play
- Android Open Source Project (AOSP)
- Pazar payı ne kadar?



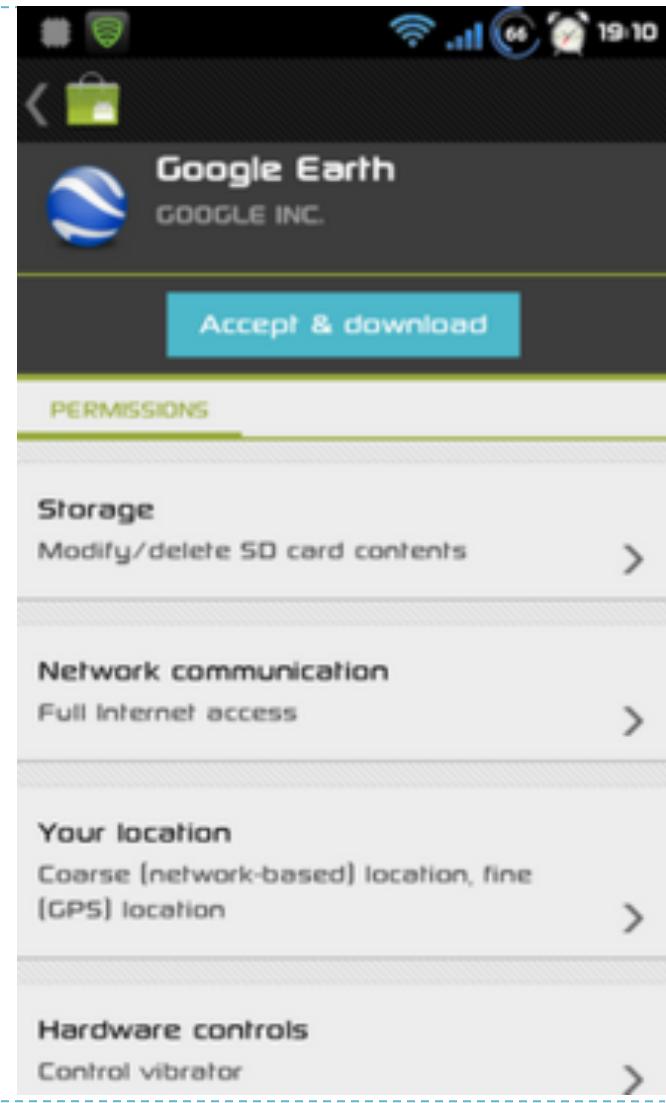
# Geyik[?] Bilgiler

- Android nasıl başladı?
  - Android 2005
  - Open Handset Alliance



# Geyik[?] Bilgiler

- Google Play

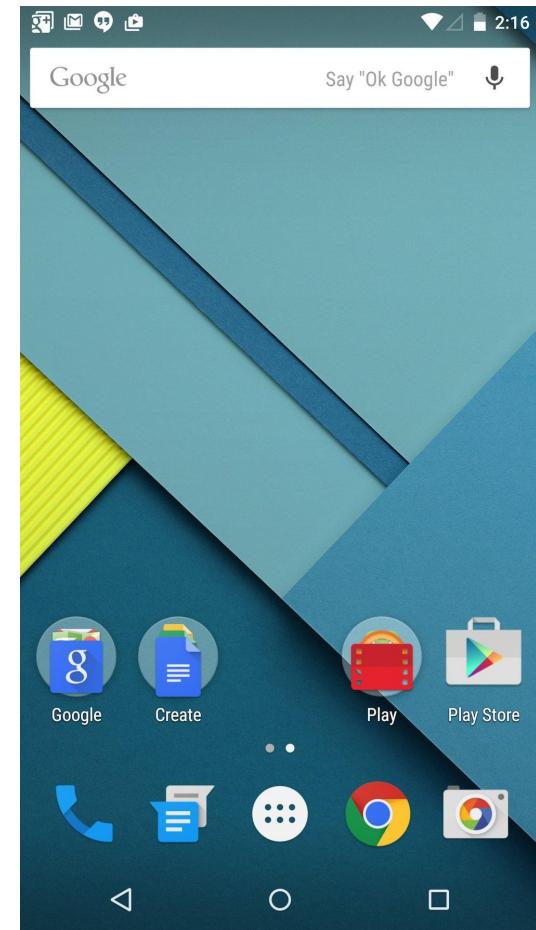




# Geyik[?] Bilgiler

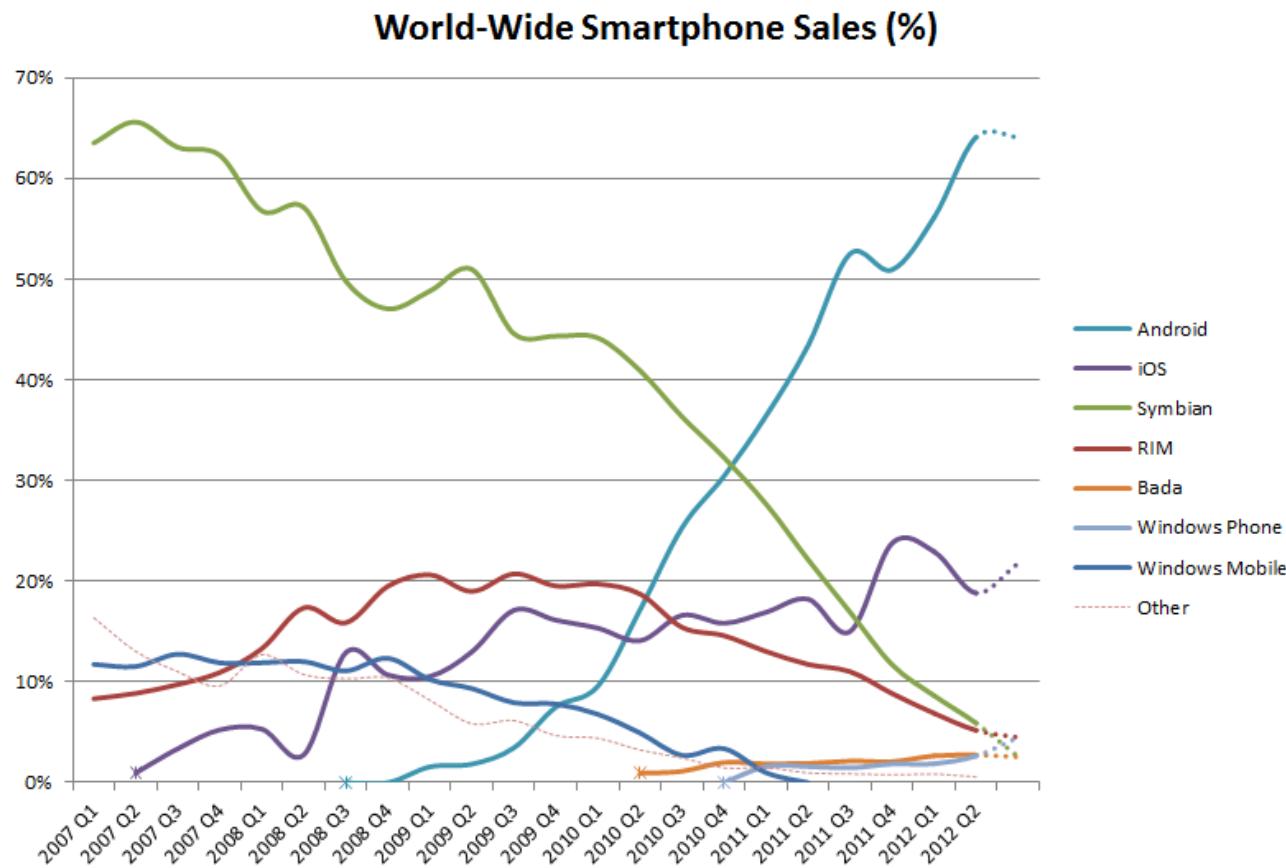
- Android Open Source Project (AOSP)

ANDROID  
open source project



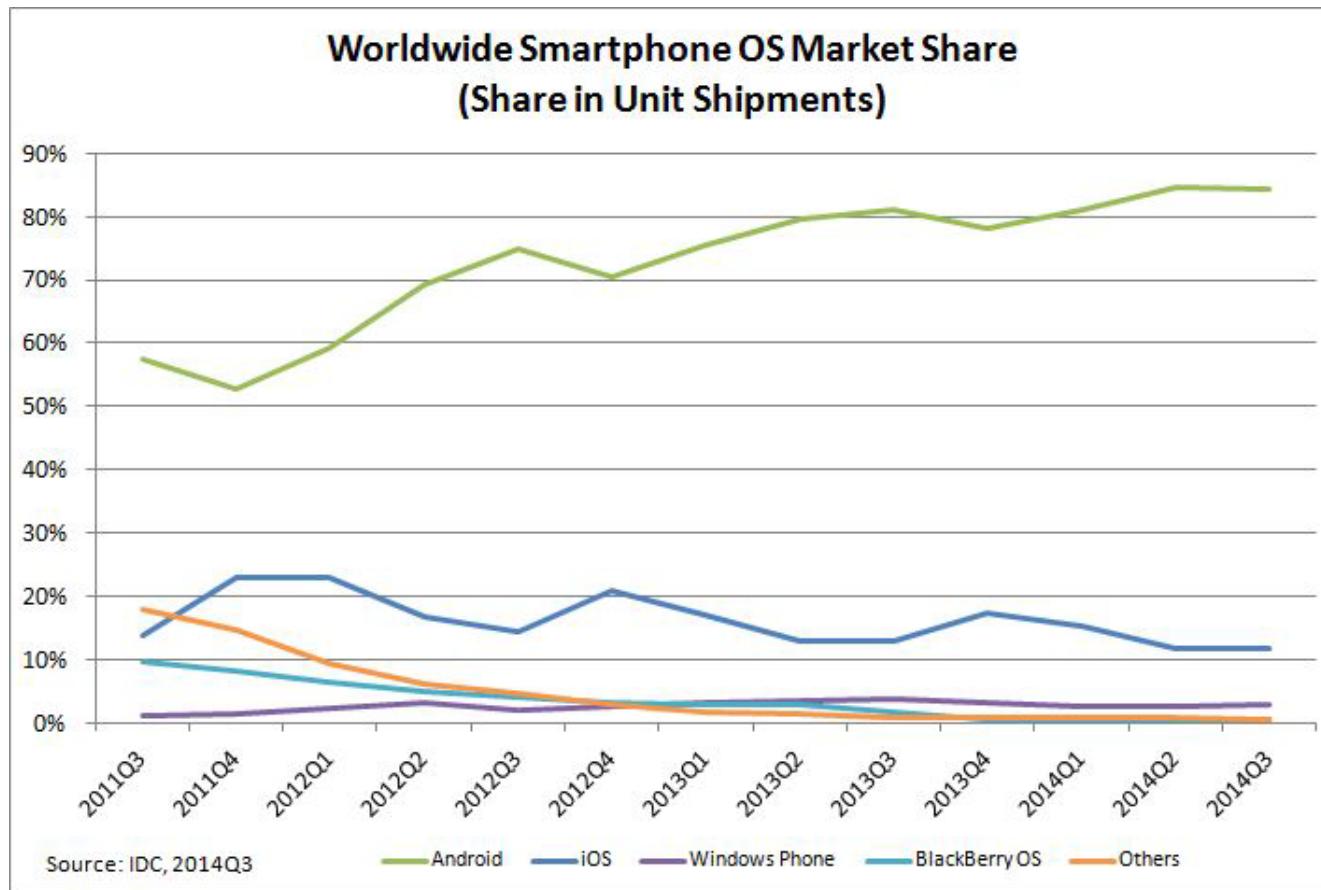
# Geyik[?] Bilgiler

- Pazar payı ne kadar?



# Geyik[?] Bilgiler

- Pazar payı ne kadar?





# Geyik[?] Bilgiler

- Android versiyonları

 Cupcake	 Donut	 Eclair	 Froyo	 Gingerbread	 Honeycomb	 Ice Cream Sandwich	 Jelly Bean	 KitKat	 Lollipop
1.5 2009/04	1.6 2009/09	2.0 / 2.1 2009/10	2.2 2010/05	2.3 2010/12	3.0 / 3.1 2011/02	4.0 2011/10	4.1 / 4.2 / 4.3 2012/06	4.4 2013/09	5.0 2014/11



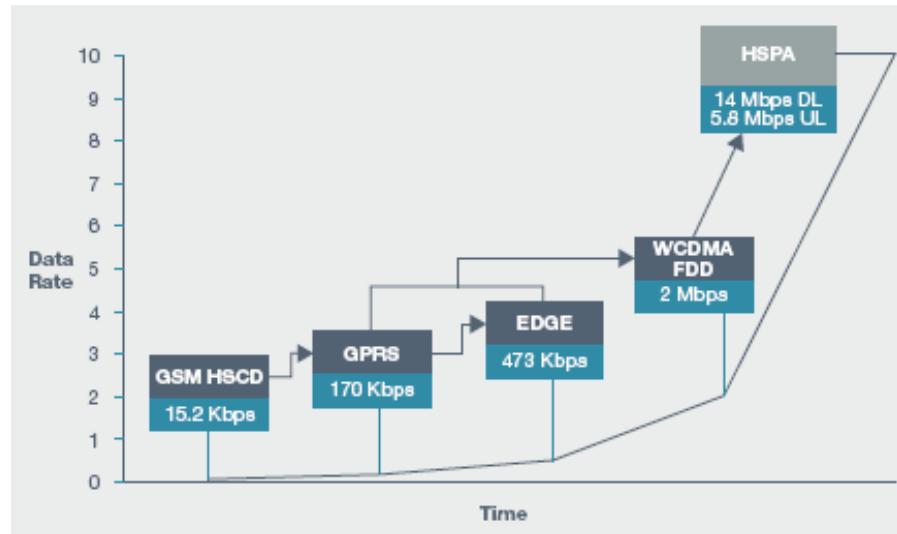
# Android'in Özellikleri

- GSM,Bluetooth, EDGE, 3G, Wifi, NFC
- 2D / 3D (OpenGL) Grafikler
- Kamera, GPS, Pusula, Hız Ölçer, İvme Ölçer vb.
- SQLite
- Medya Desteği (Mpeg4,MP3,AAC,AMR vb.)
- USB (Accessory, Host)
- SIP
- Geliştirme Ortamı
- Farklı Platformlar



# Android'in Özellikleri

- GSM, Bluetooth, EDGE, 3G, Wifi, NFC





# Android'in Özellikleri

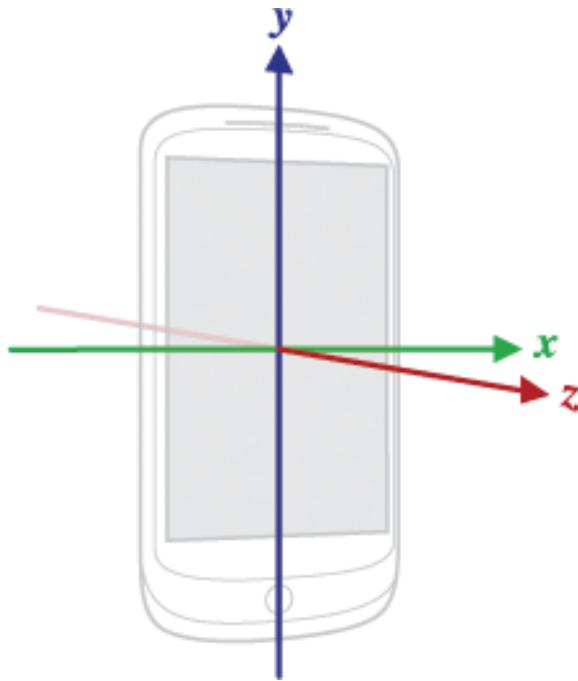
- 2D / 3D (OpenGL) Grafikler





# Android'in Özellikleri

- Kamera, GPS, Pusula, Hız Ölçer, İvme Ölçer, vb.





# Android'in Özellikleri

- SQLite



# Android'in Özellikleri

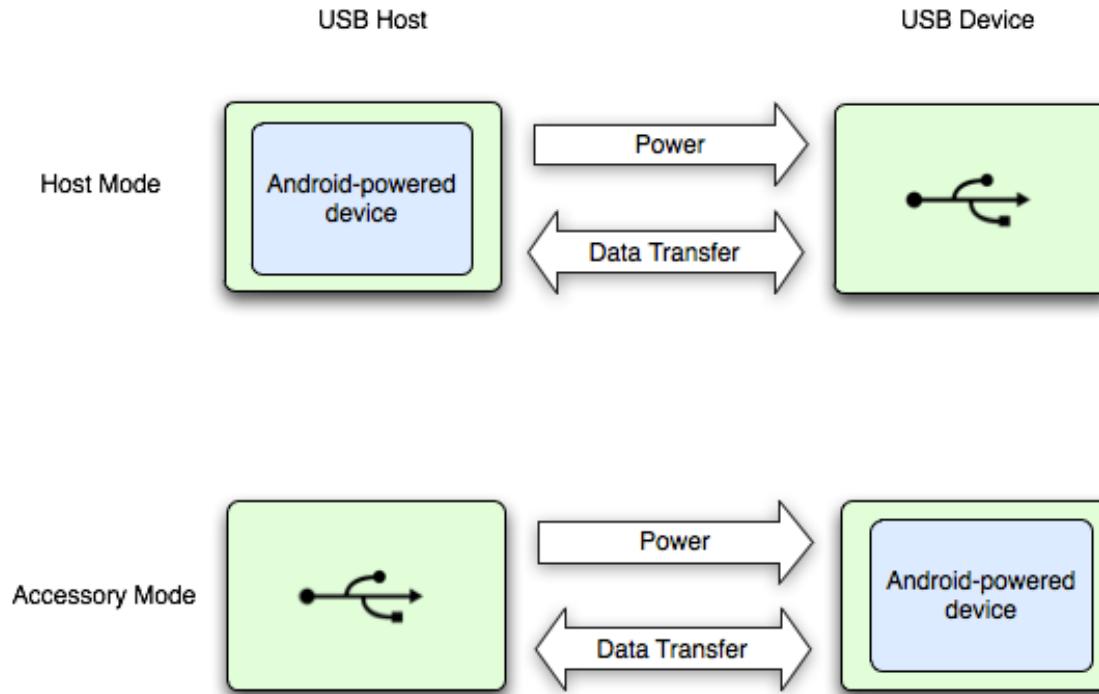
- Medya Desteği (Mpeg4,MP3,AAC,AMR vb.)





# Android'in Özellikleri

- USB (Accessory, Host)





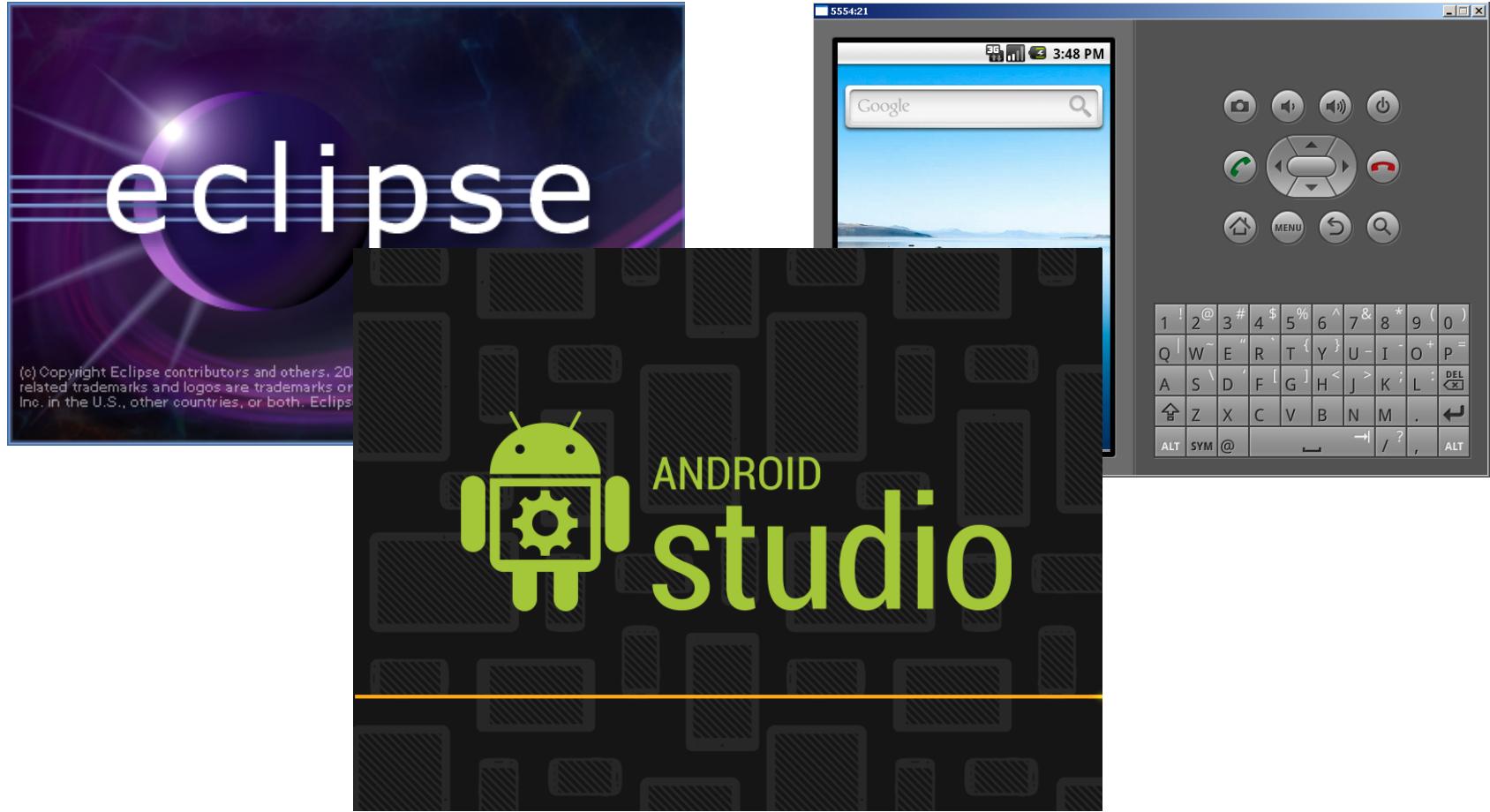
# Android'in Özellikleri

- SIP



# Android'in Özellikleri

- Geliştirme Ortamı



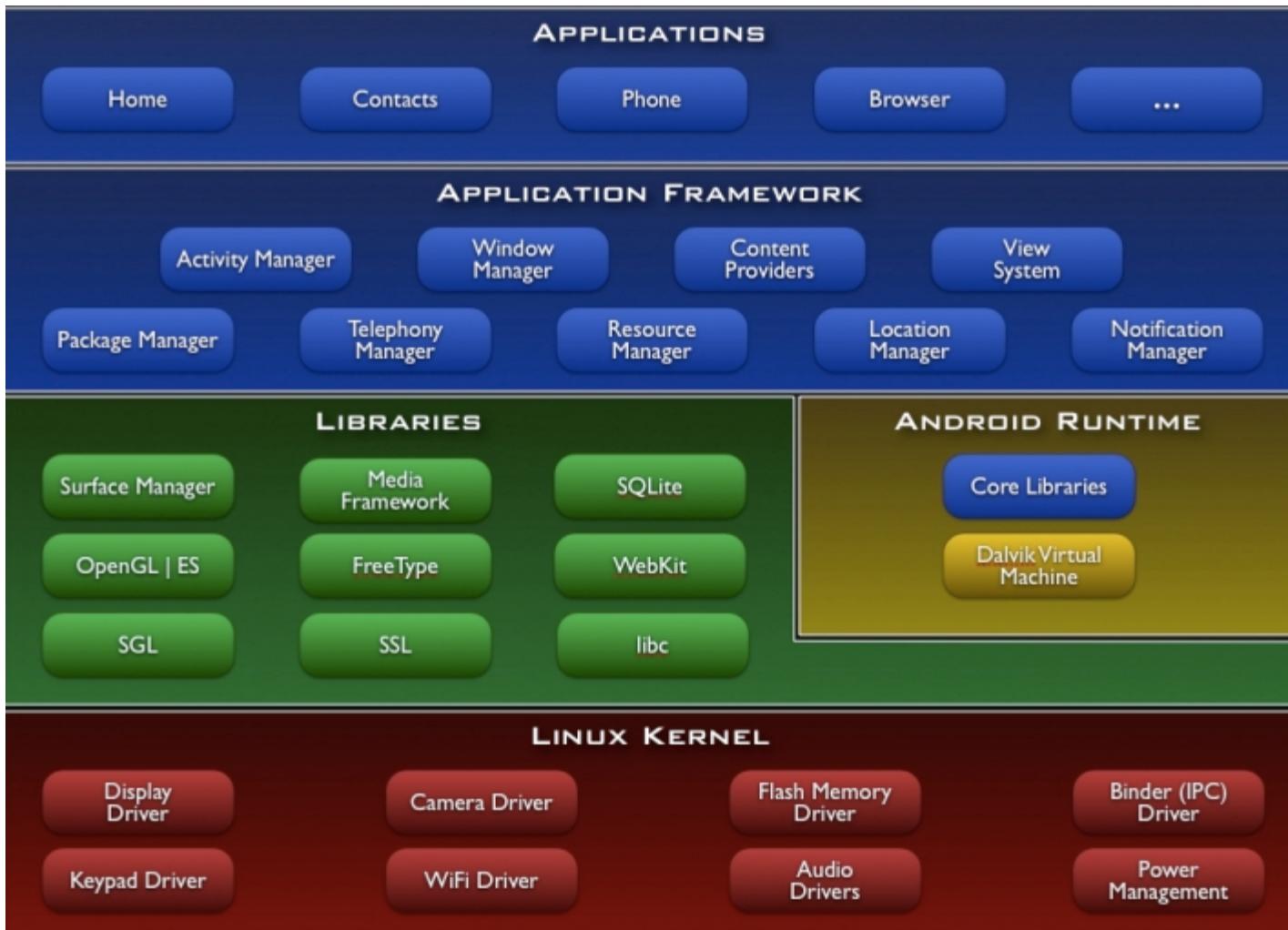


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# Farklı Platformlar



# Android Mimarisi





# Framework Özellikleri

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- Uygulama Bileşenleri
- Intent ve Intent Filtreleri
- Uygulama Kaynakları





# Uygulama Bileşenleri

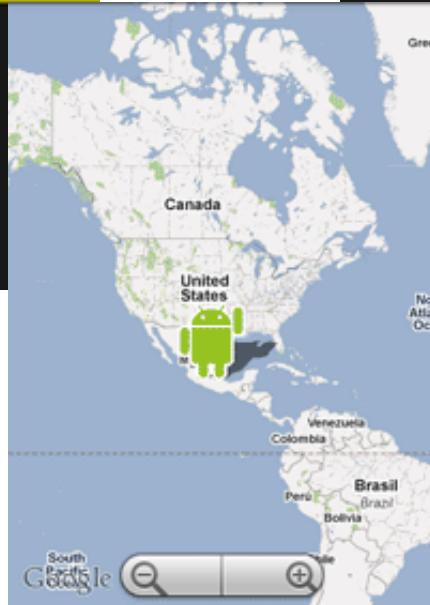
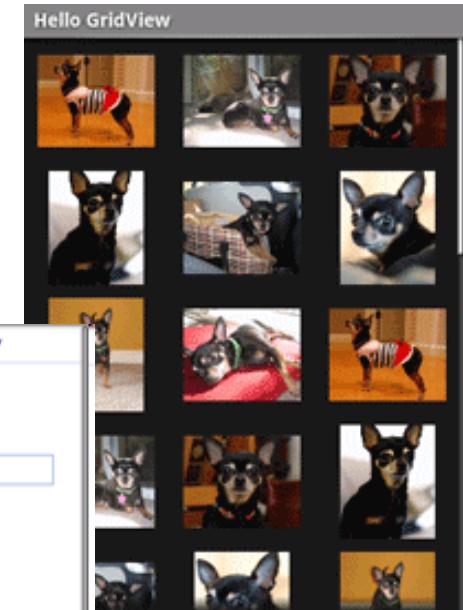
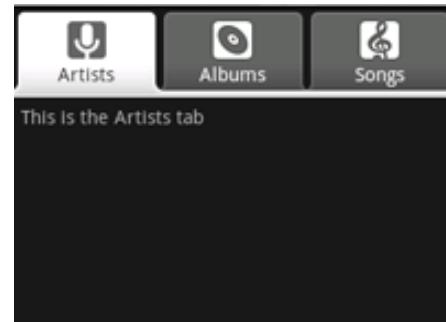
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- Activity
- Service
- BroadcastReceiver
- ContentProvider



# Uygulama Bileşenleri

- Activity

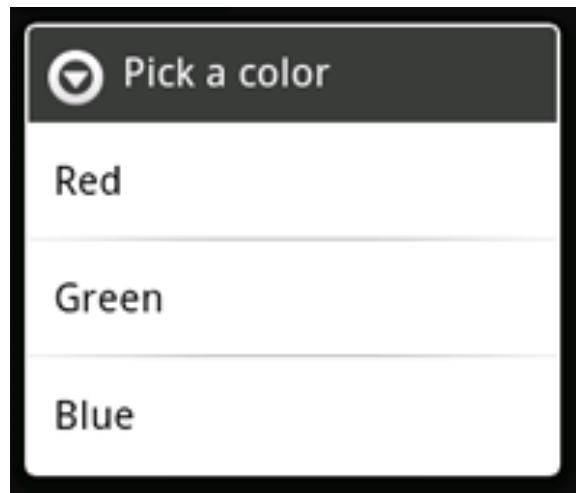
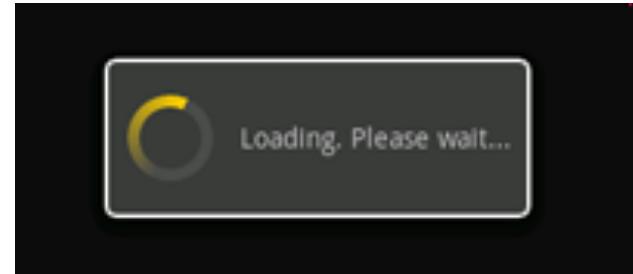
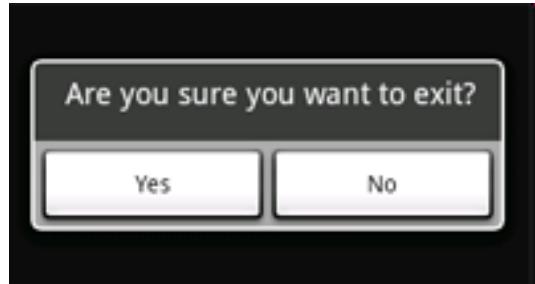


Sign in  
iGoogle Settings Help  
View Google in: Mobile | Classic



# Uygulama Bileşenleri

- Activity





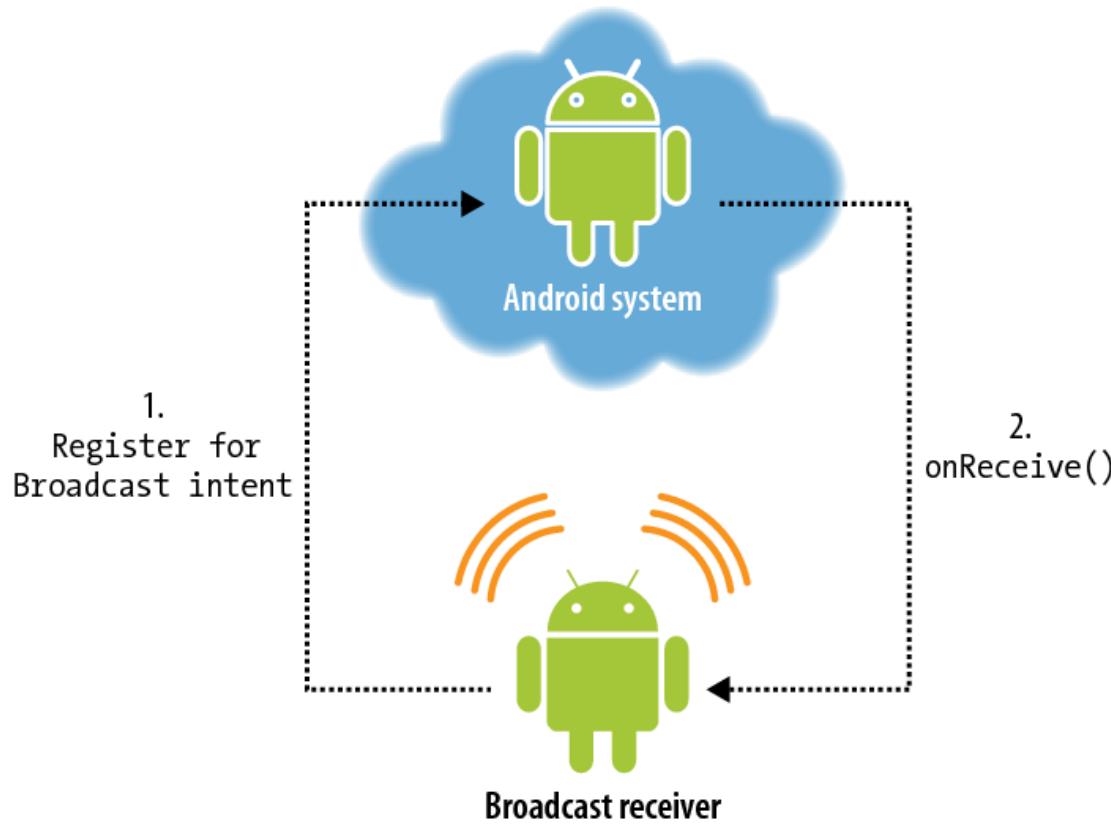
# Uygulama Bileşenleri

- Service



# Uygulama Bileşenleri

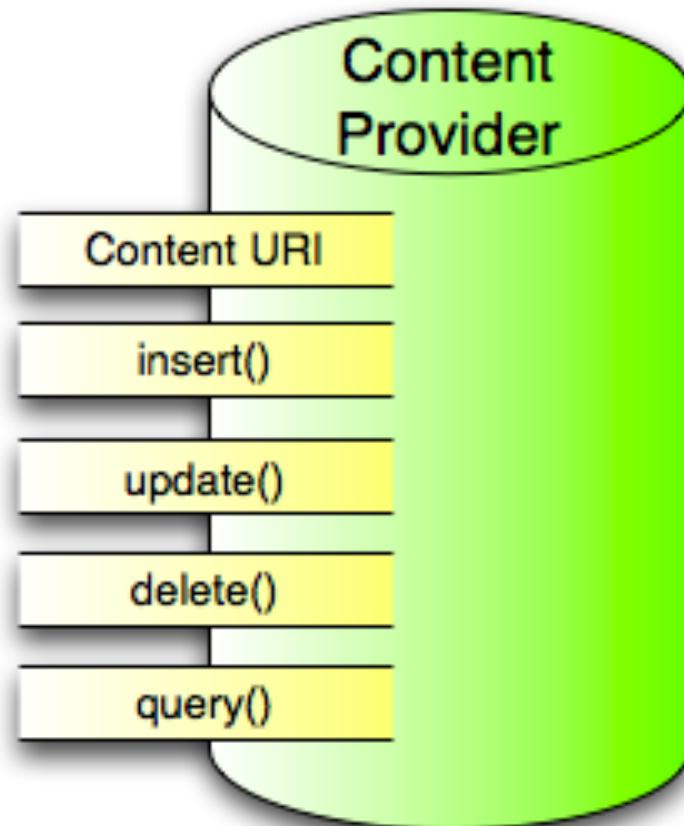
- BroadcastReceiver





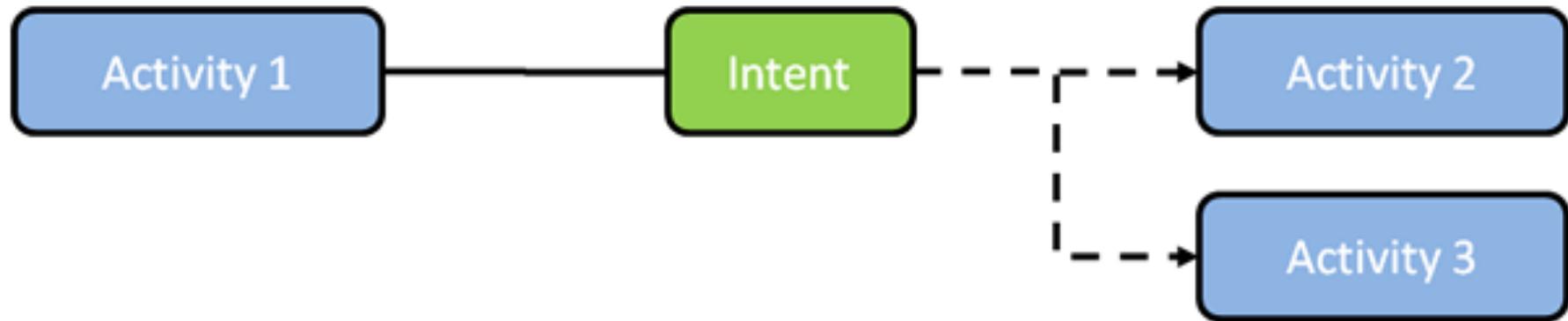
# Uygulama Bileşenleri

- ContentProvider





# Intents ve Intent Filtreleri



# Uygulama Kaynakları



# Uygulama Kaynakları



Android Device A

Android App

Android Device B



# Android'in Geleceği

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- Mobil
- Endüstri
- Savunma
- Ev Elektroniği
- Robot





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# Android vs. iOS

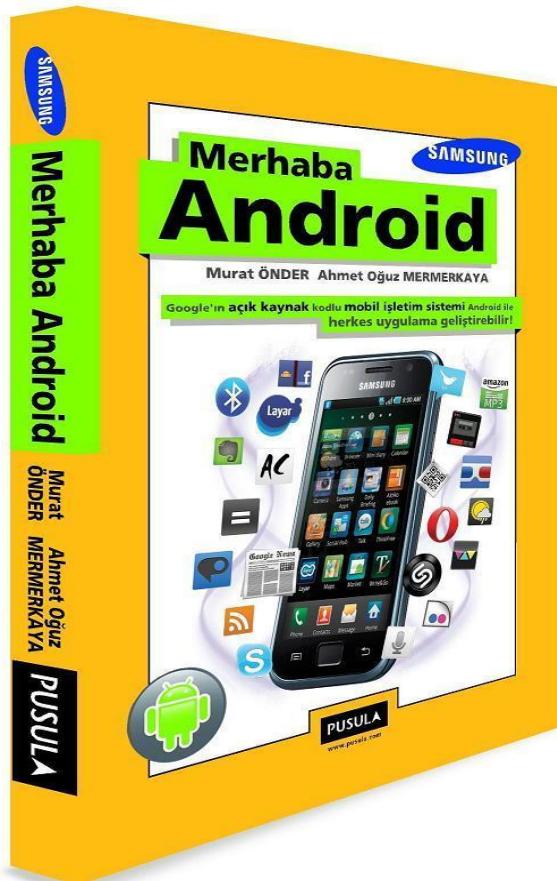


# Uygulama Geliştirmeye Nereden Başlayalım?

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# Özet

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# Teşekkür ederim.

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