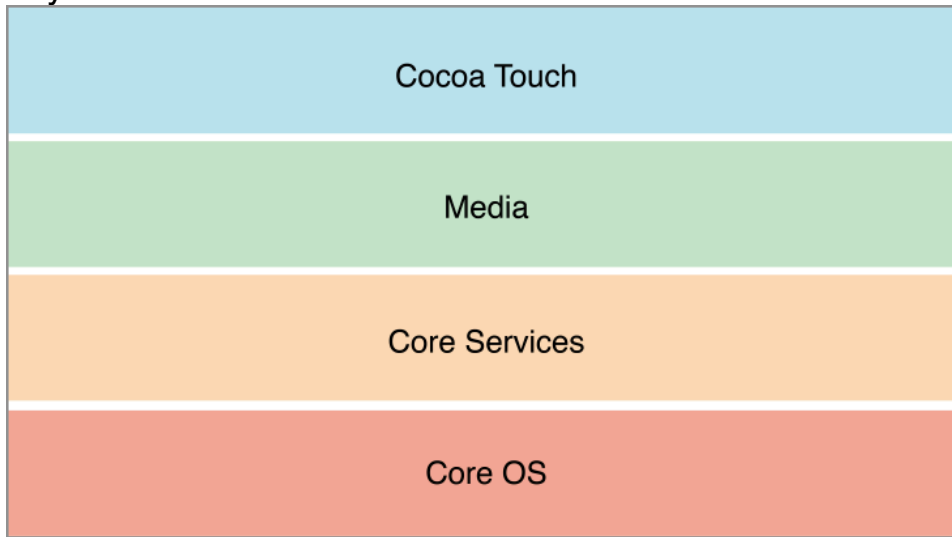


the iOS Technologies

The iOS Architecture is Layered
Layers of iOS



At the lower layer of the system are the foundational services and technologies on which all apps rely; higher-level layers contain more sophisticated services and technologies.

Cocoa Touch Layer

some of the key technologies available in the Cocoa Touch layer.

1. Auto Layout
2. Storyboards
3. Document Support
4. Multitasking
5. Printing
6. UI State Preservation
7. Apple Push Notification Service
8. Local Notifications
9. Gesture Recognizer
10. Peer-to Peer Services
11. Standard System View Controller
12. External Display Support

the frameworks of Cocoa Touch Layer

- > Address Book UI Framework
- > Event Kit UI Framework
- > Game Kit Framework
- > iAd Framework
- > Map Kit Framework

- > Message UI Framework
- > Twitter Framework
- > UI Kit Framework

Media Layer

some of the key technologies available in the Media layer.

Graphics Technologies

Audio Technologies

Video Technologies

AirPlay

the frameworks of Media Layer

- > Asserts Library Framework
- > AV Foundation Framework
- > Core Audio Frameworks
- > Core Graphic Framework
- > Core Image Framework
- > Core MIDI Framework
- > Core Text Framework
- > Core Video Framework
- > Image I/O Framework
- > GLKit Framework
- > Media Player Framework
- > OpenAL Framework
- > OpenGL ES Framework
- > Quartz Core Framework

Core Service Layers

some of the key technologies available in the Core Services layer.

- > iCloud Storage
- > Automatic Reference Counting
- > Block Objects
- > Data Protection
- > File-Sharing Support
- > Grand Central Dispatch
- > In-App Purchase
- > SQLite
- > XML Support

the frameworks of Core Services Layer

- > Accounts Framework

- > Address Book Framework
- > Ad Support Framework
- > CFNetwork Framework
- > Core Data Framework
- > Core Foundation Framework
- > Core Location Framework
- > Core Media Framework
- > Core Motion Framework
- > Core Telephony Framework
- > Event Kit Framework
- > Foundation Framework
- > Mobile Core Services Framework
- > Newsstand Kit Framework
- > Pass Kit Framework
- > Quick Look Framework
- > Social Framework
- > Store Kit Framework
- > System Configuration Framework

Core OS Layer

the frameworks of Core OS Layer

- > Accelerate Framework
- > Core Bluetooth Framework
- > External Accessory Framework
- > Generic Security Service Framework
- > Security Framework