

저장하기 오버뷰

목표

- iOS 에서 데이터를 저장하는 다양한 방법을 안다
- 데이터 저장 방식을 선택할 수 있는 능력을 키운다
- iOS 앱의 구동 사이클에 대해 이해한다

Serialize

오브젝트의 값과 계층안에서의 위치만 저장
참조점을 기록하지 않음.

Plist(.plist) , XML, UserDefaults
텍스트 파일 (.txt)

Archive

오브젝트의 아이덴티티와 다른 오브젝트와의 관계 저장
오브젝트 그래프 복원 가능.

NSKeyedArchiver(Unarchiver)
UIDocument

애플리케이션 구동 사이클

Not Running



InActive

Active



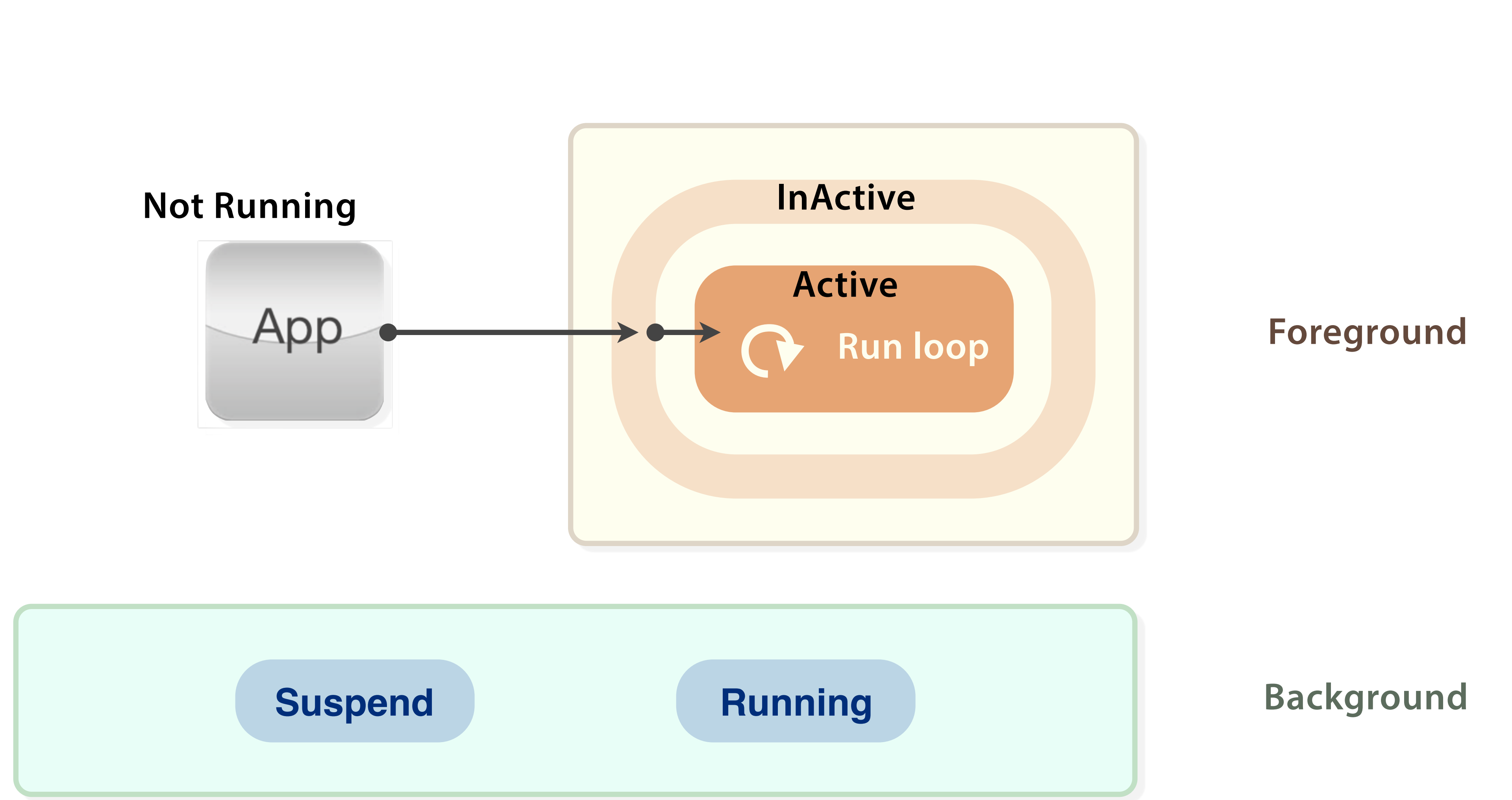
Run loop

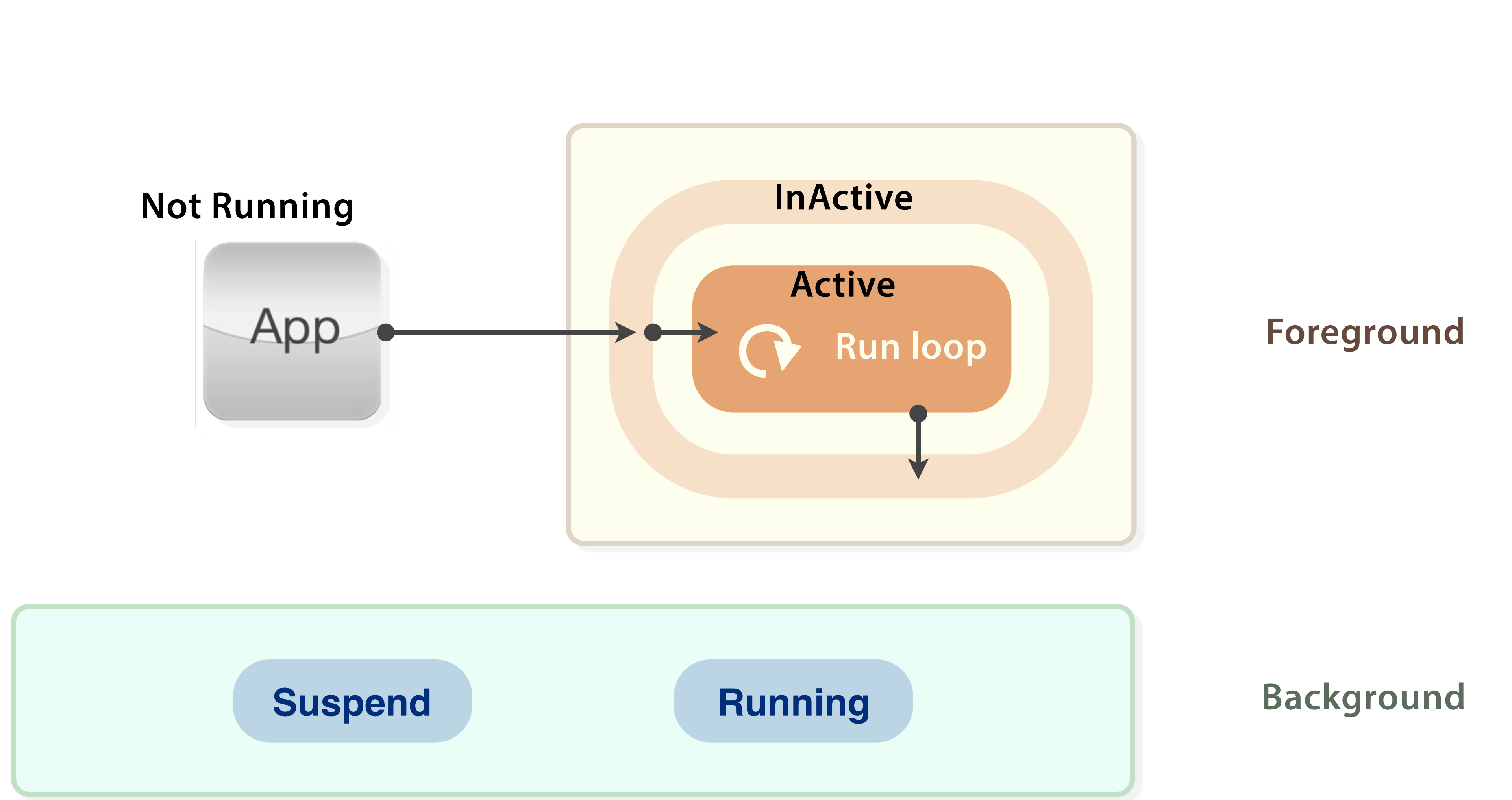
Foreground

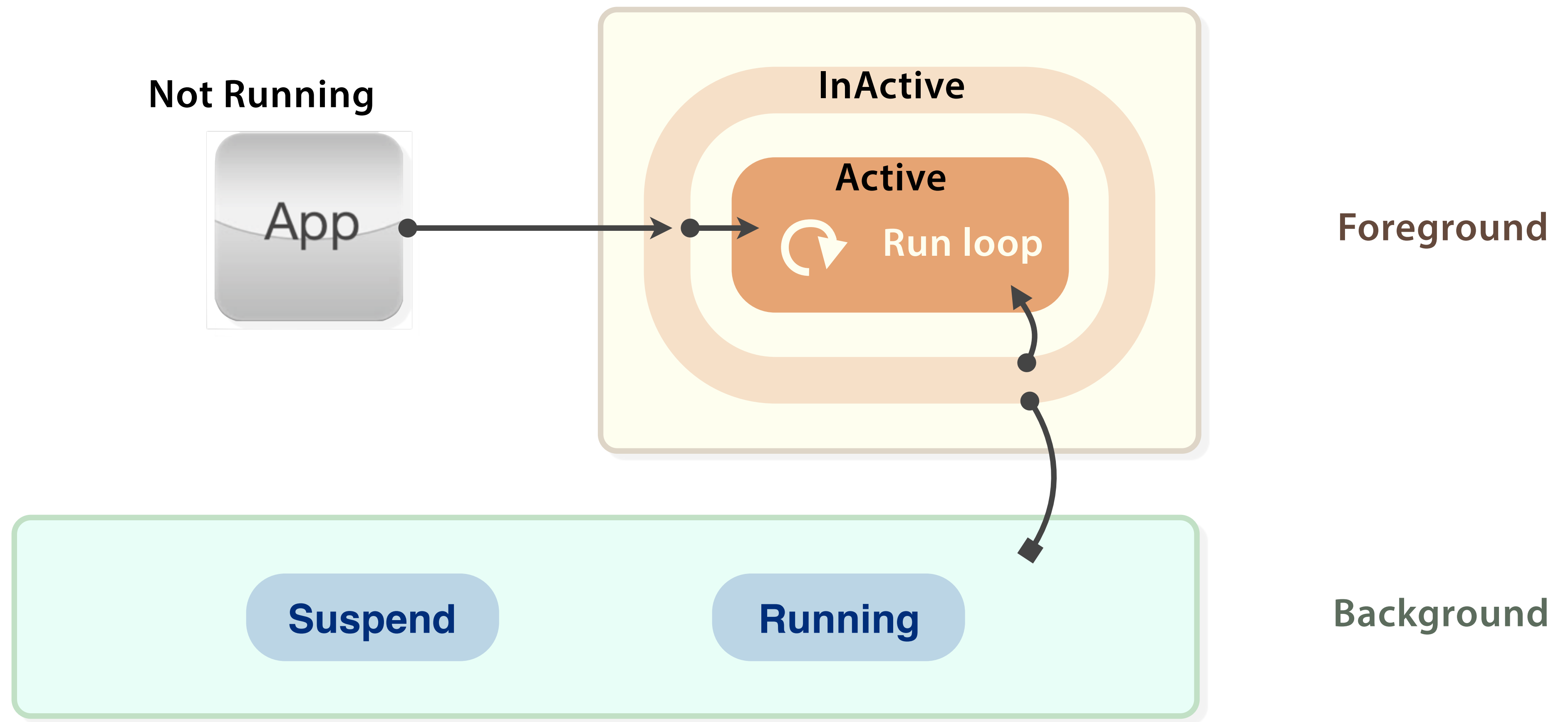
Suspend

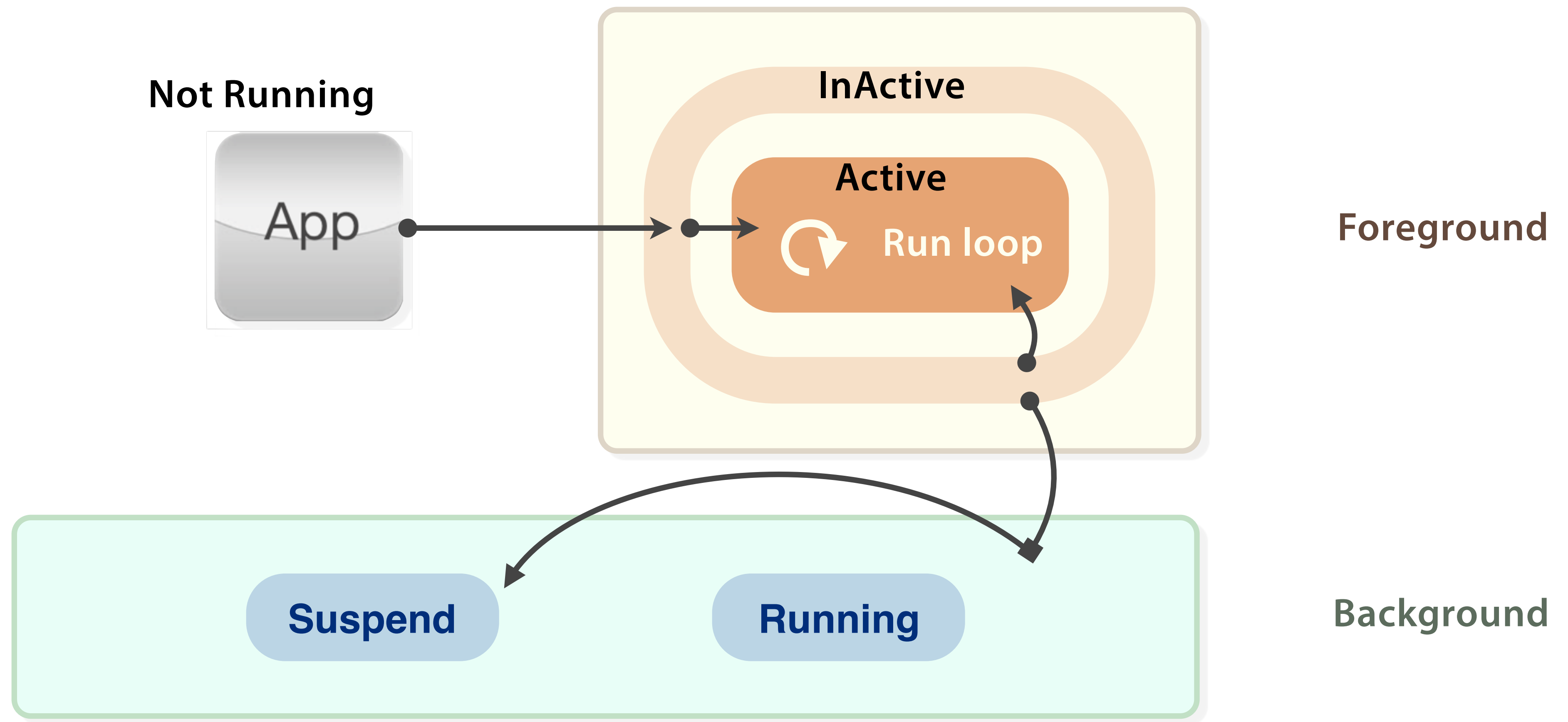
Running

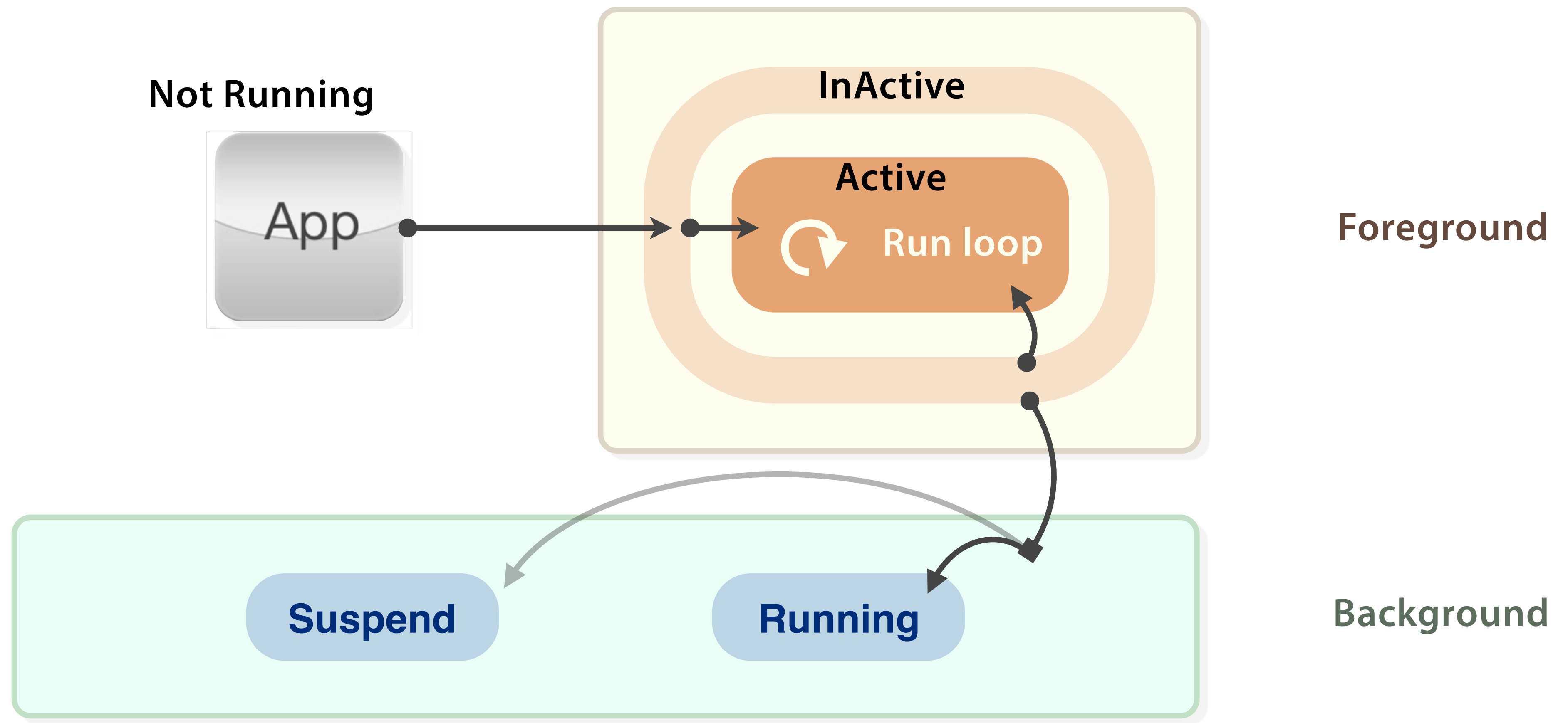
Background

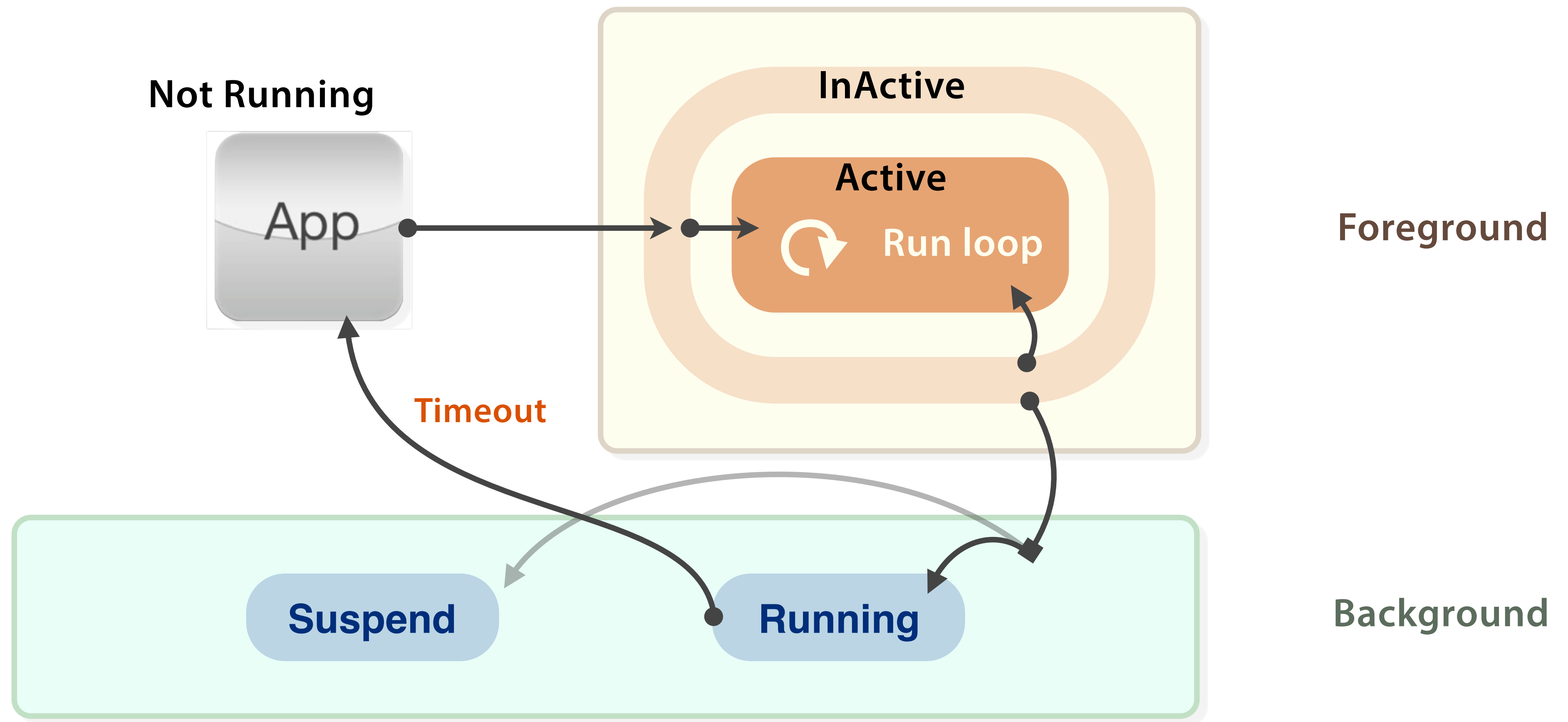


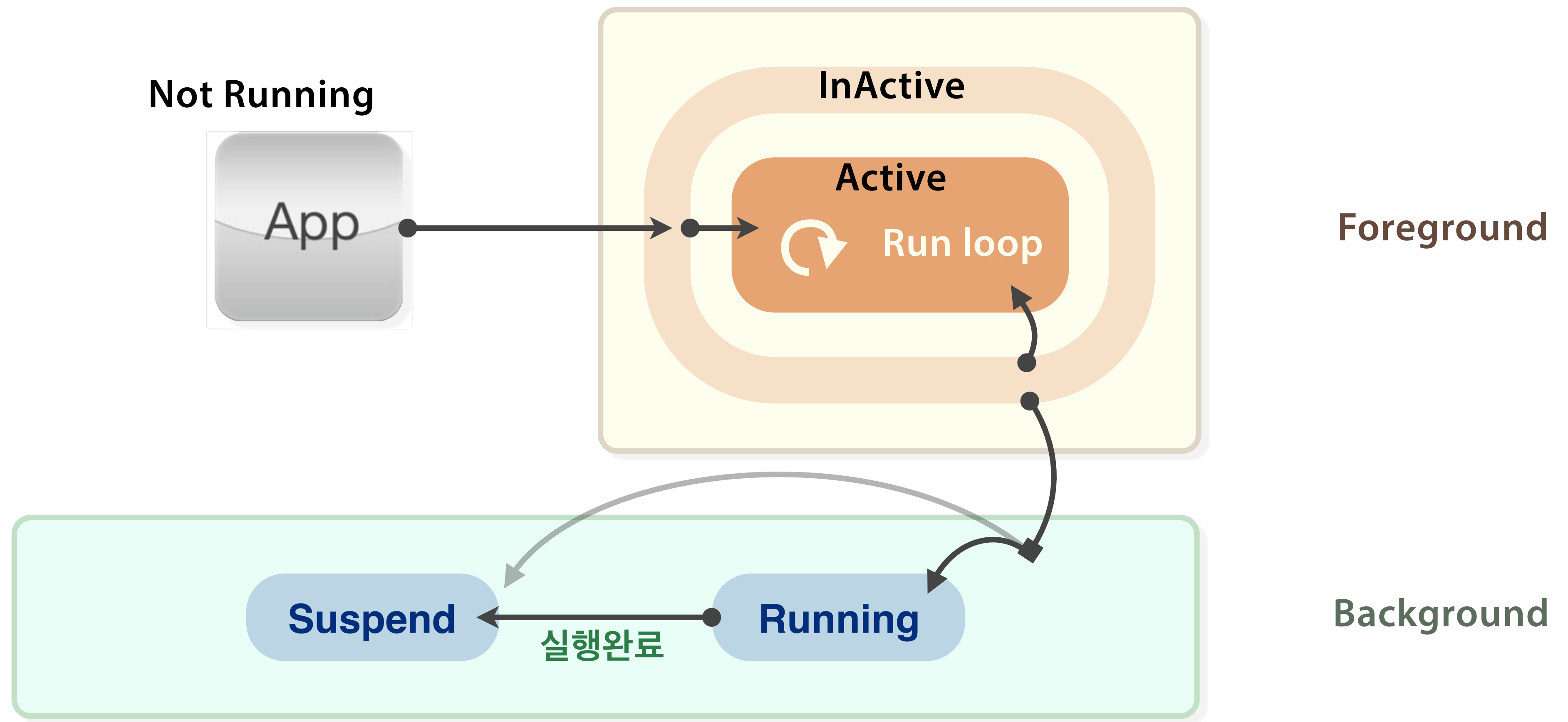


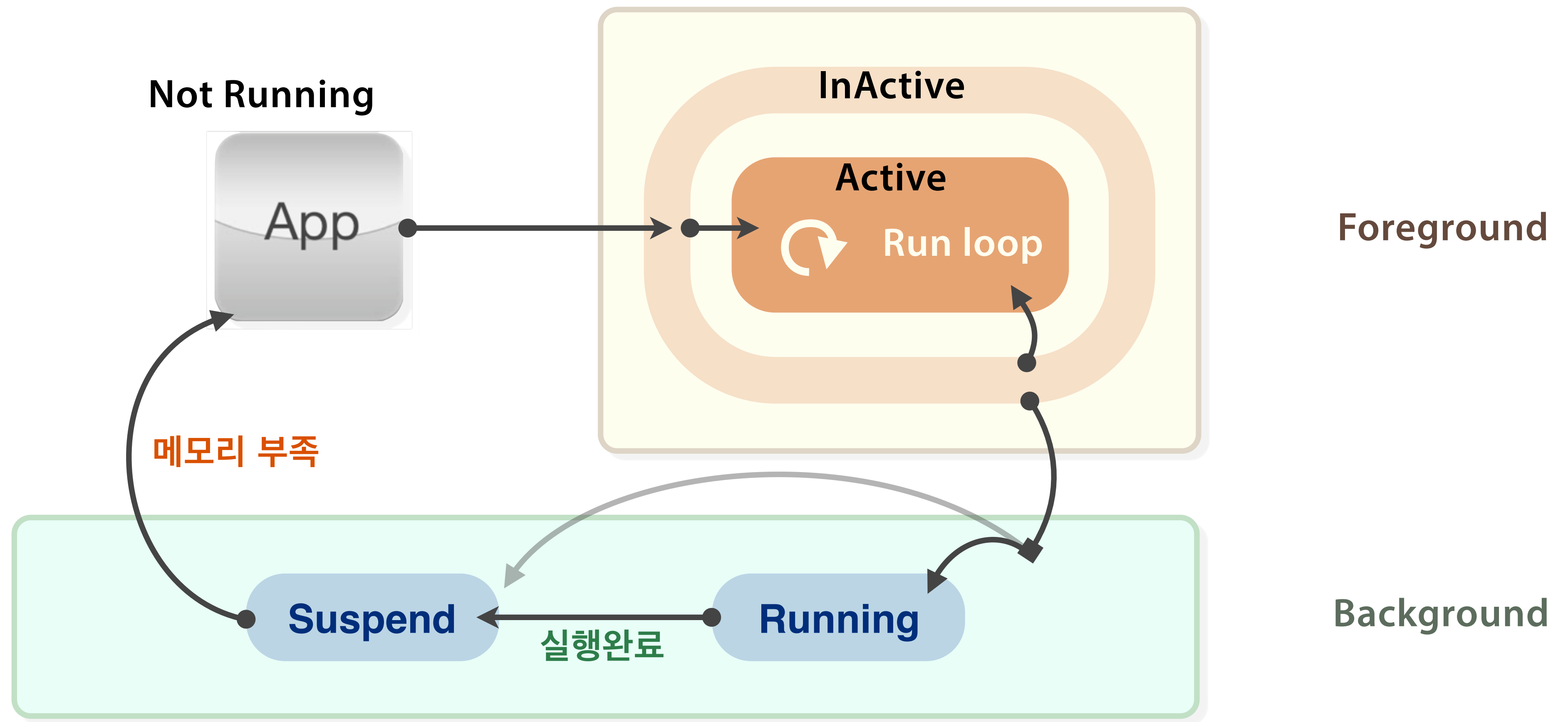












Not Running



InActive

Active



Run loop

Foreground

Suspend

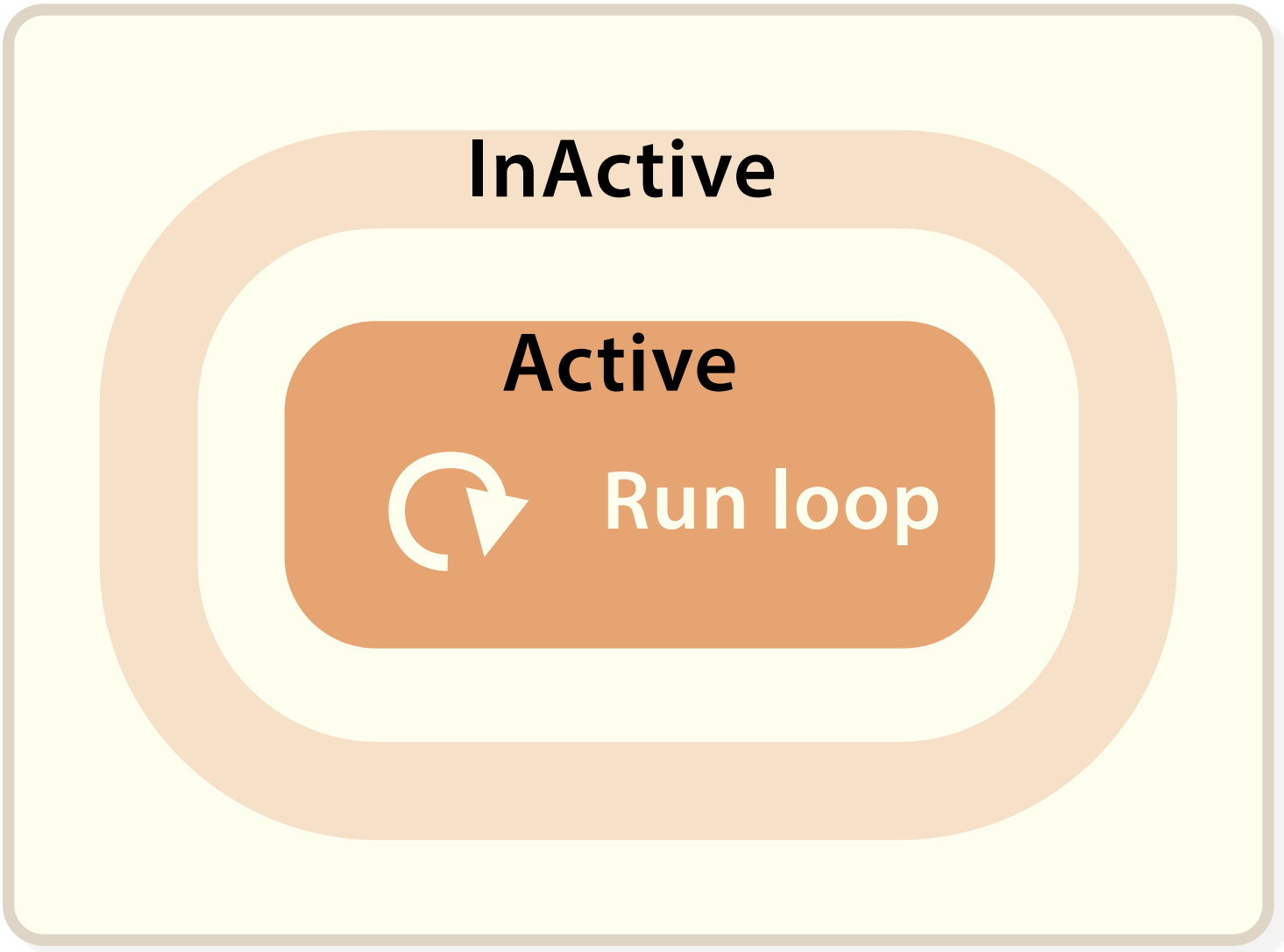
Running

Background

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

applicationDidBecomeActive:
applicationWillResignActive:

Not Running



Foreground

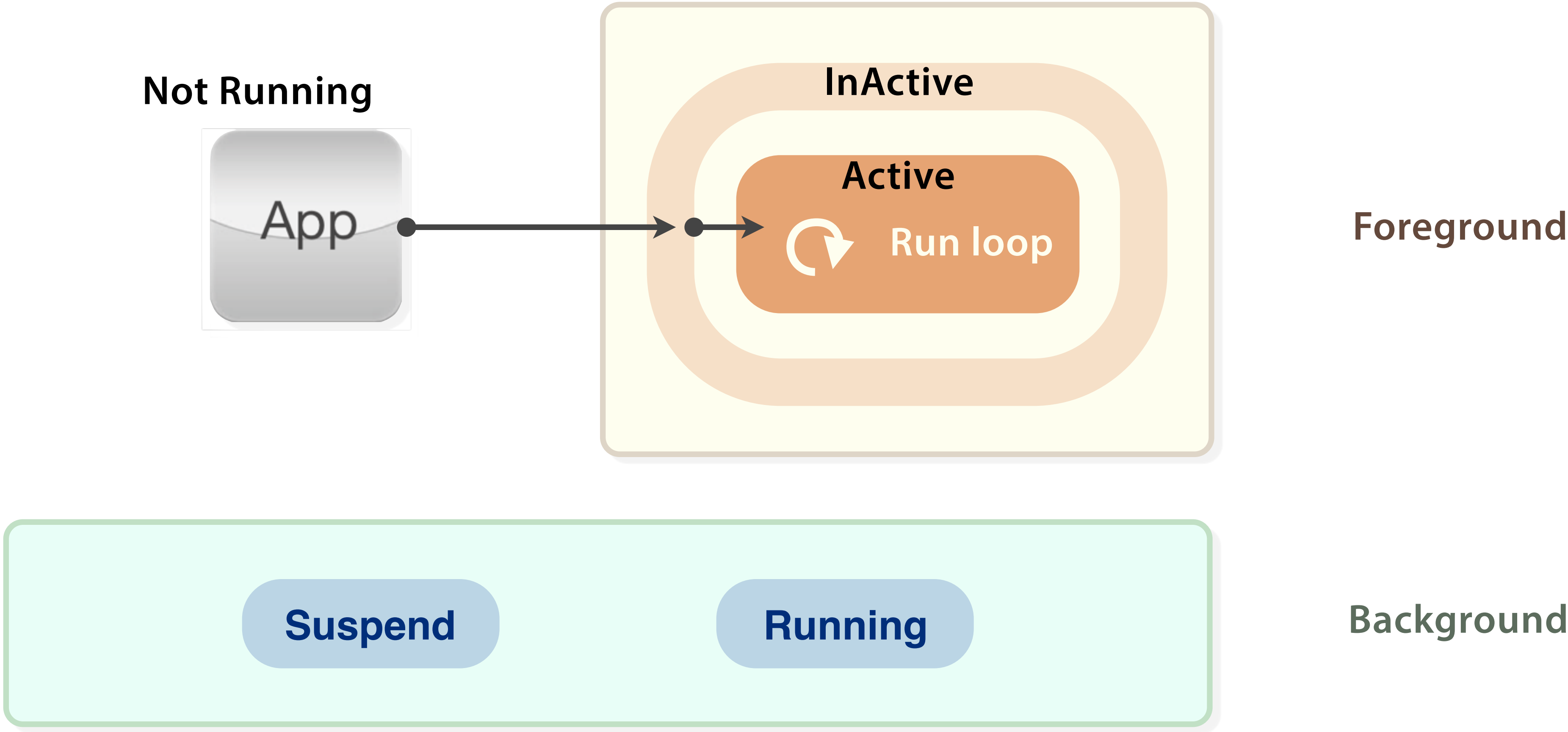


Background

applicationWillEnterForeground:
applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

applicationDidBecomeActive:
applicationWillResignActive:

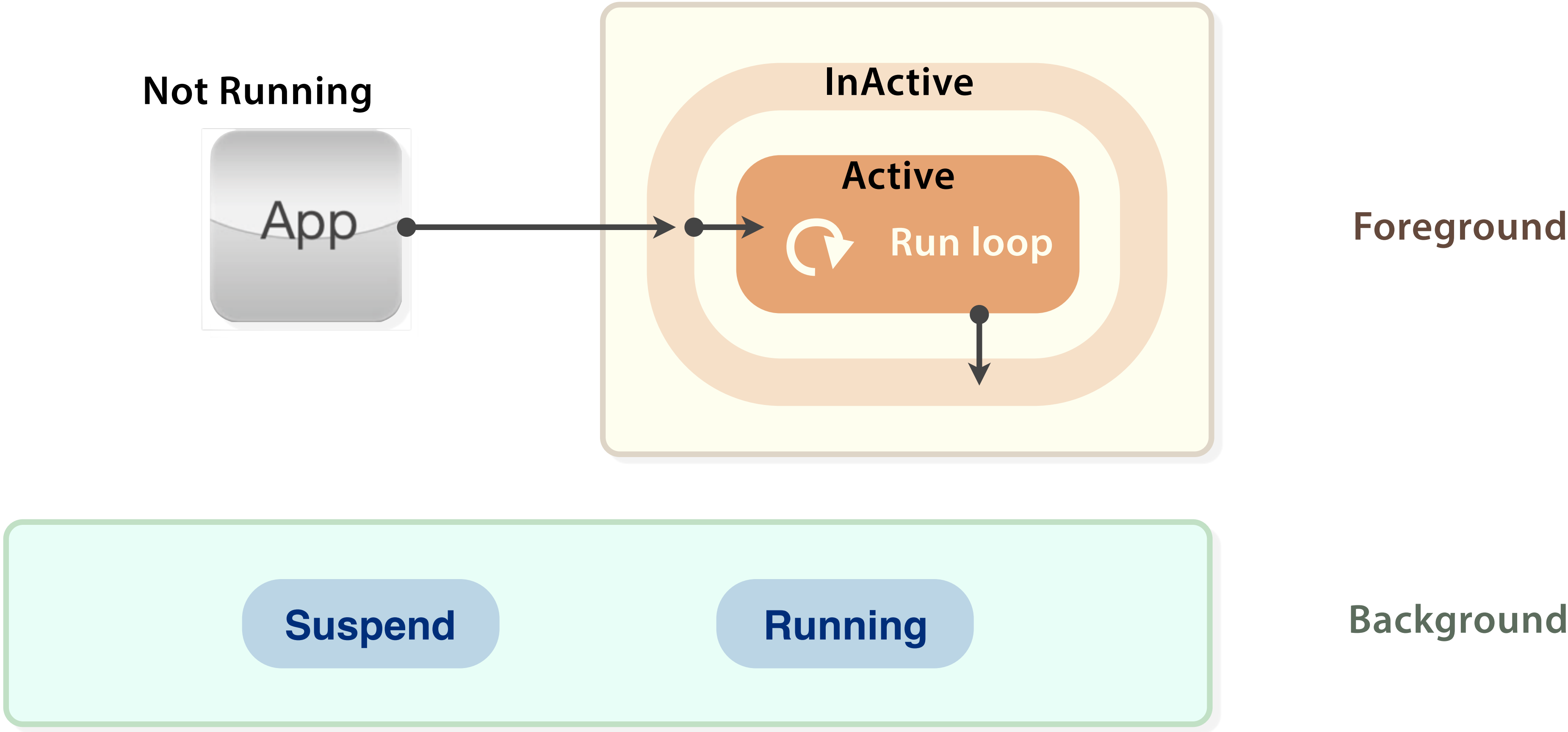


applicationWillEnterForeground:

applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

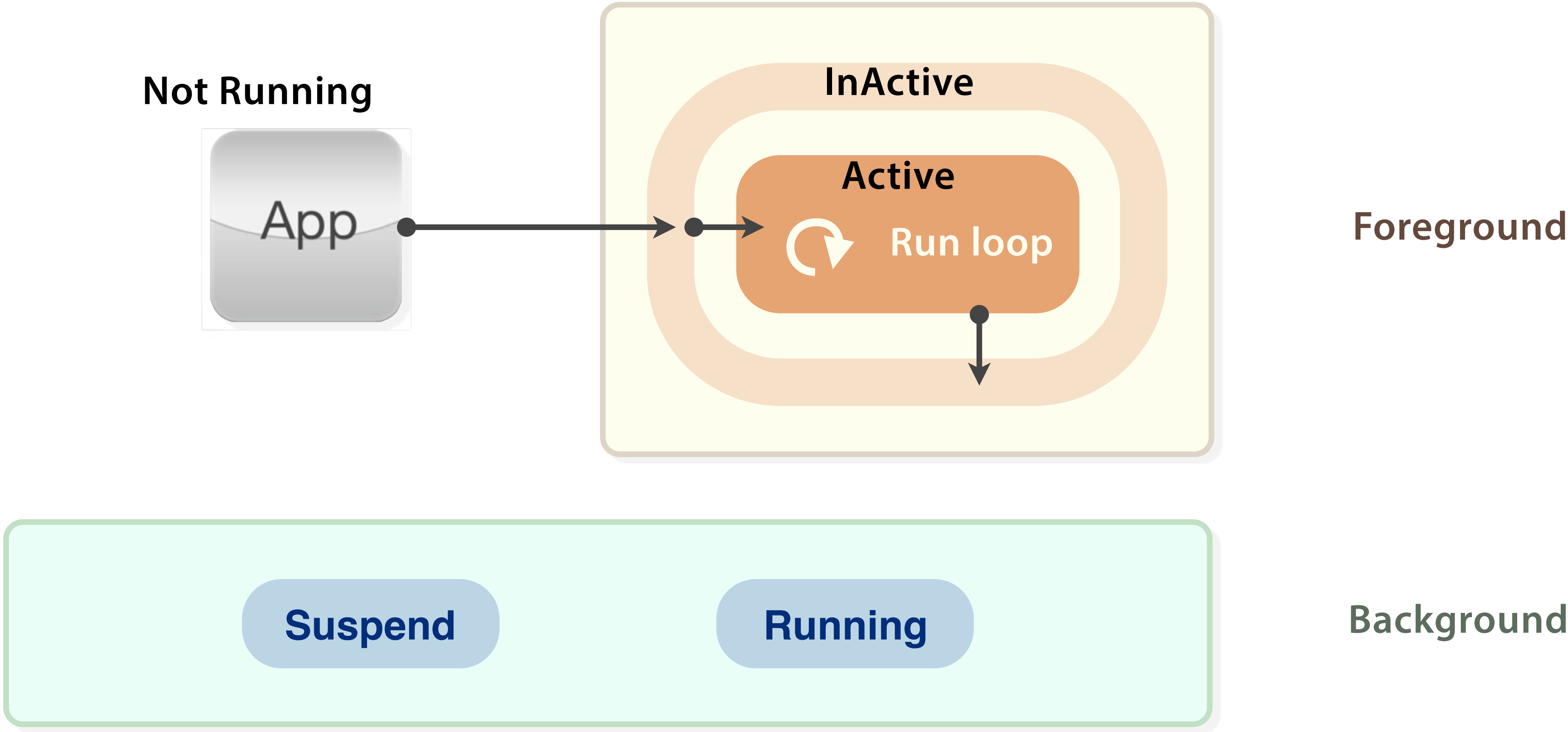
applicationDidBecomeActive:
applicationWillResignActive:



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applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

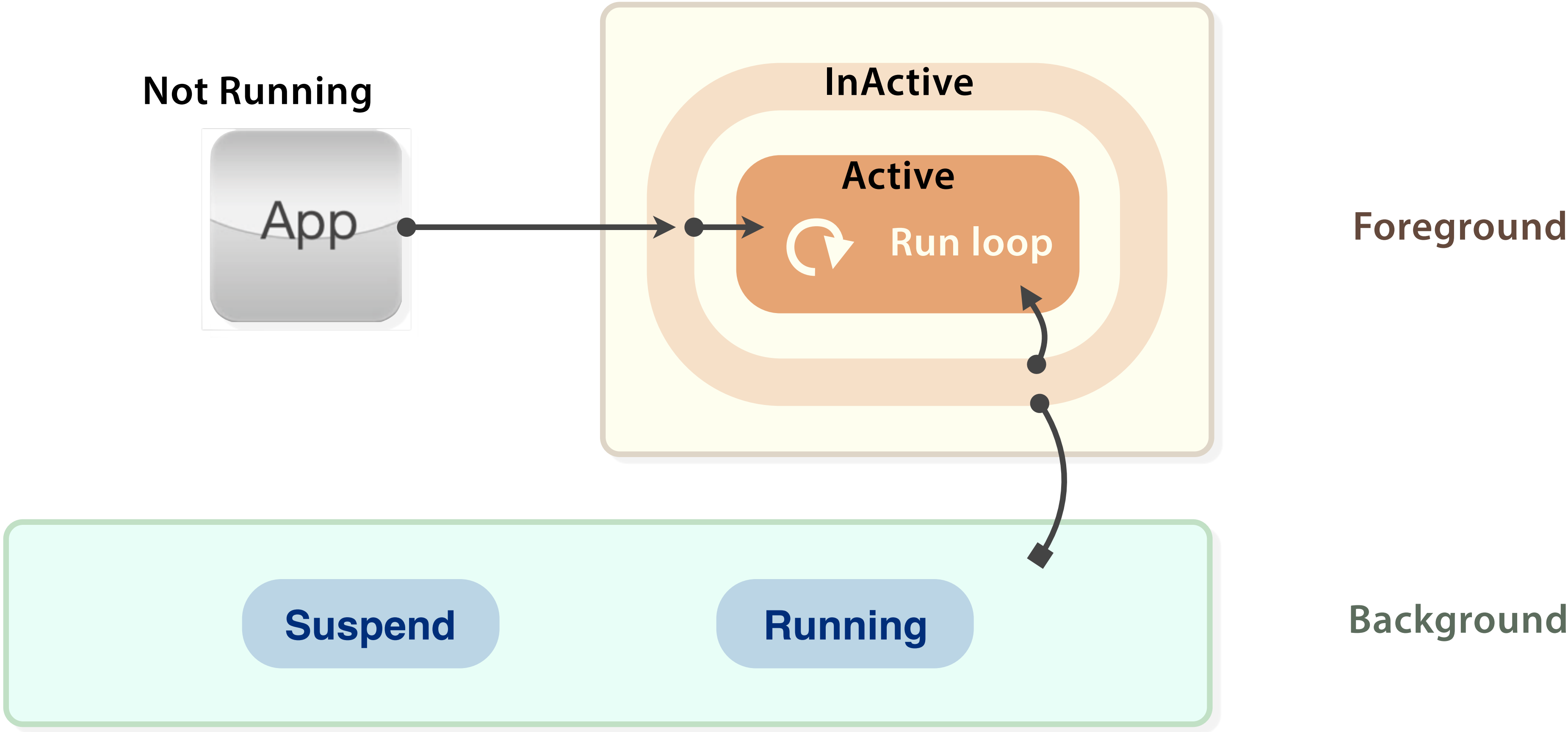
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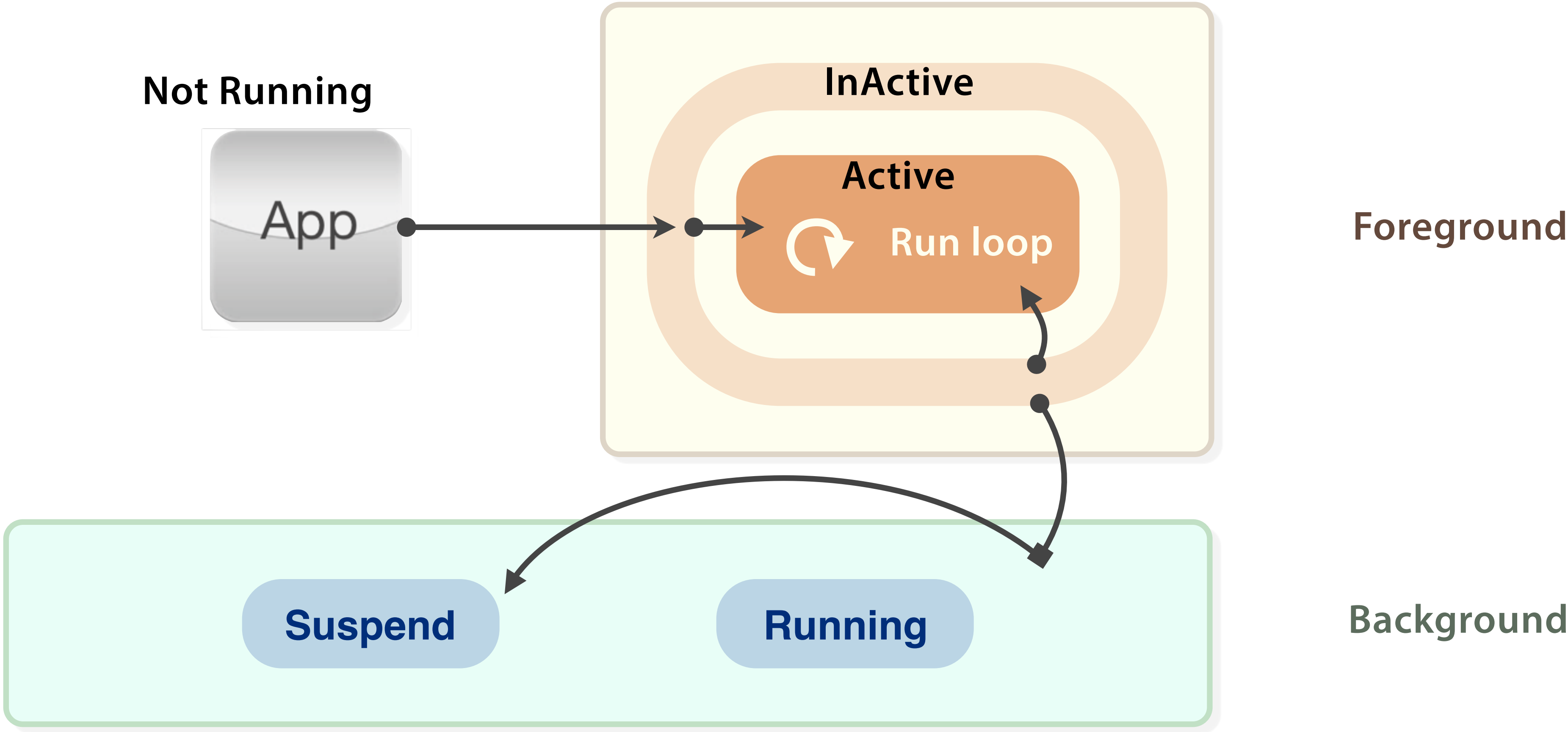
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applicationWillResignActive:



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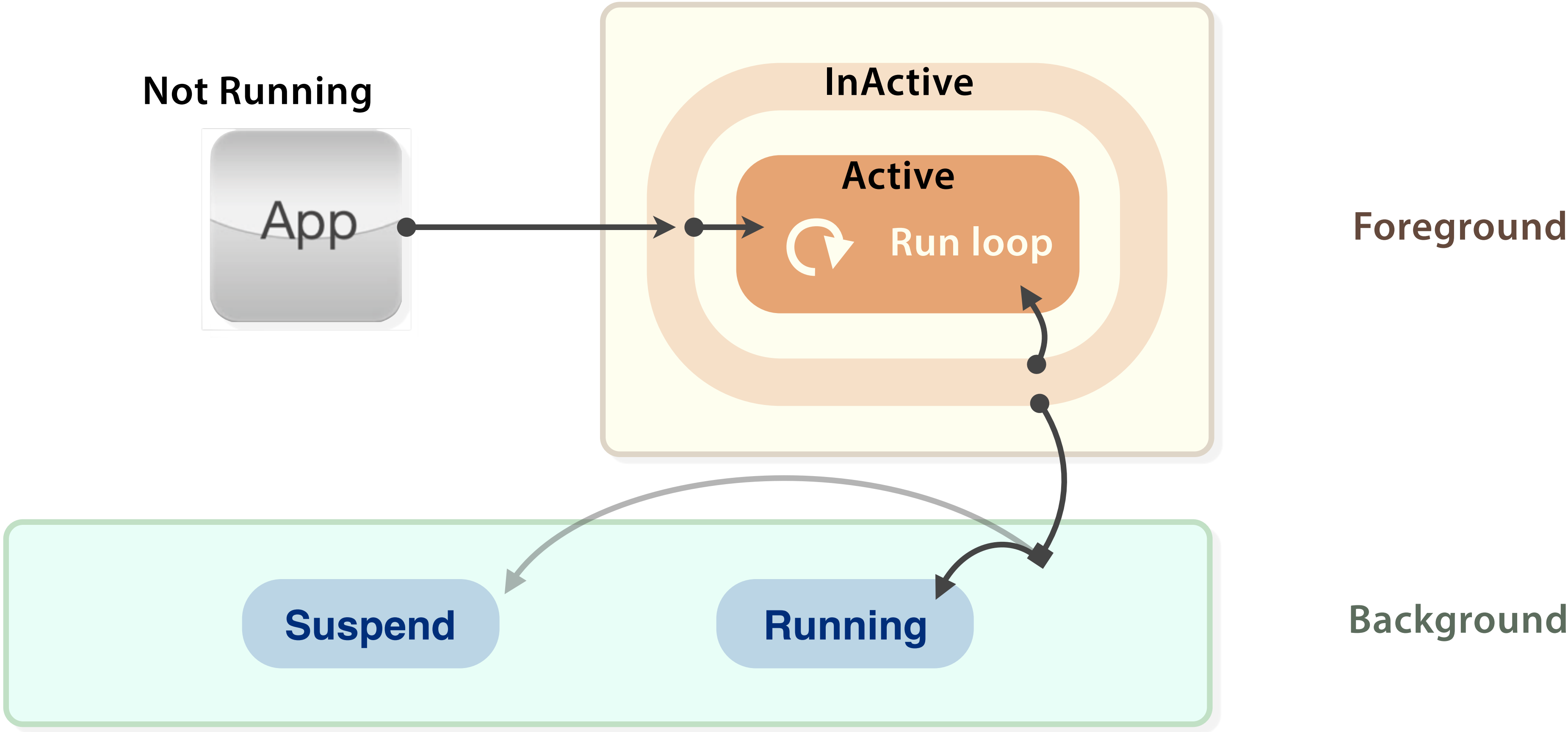
applicationDidBecomeActive:
applicationWillResignActive:



applicationWillEnterForeground:
applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

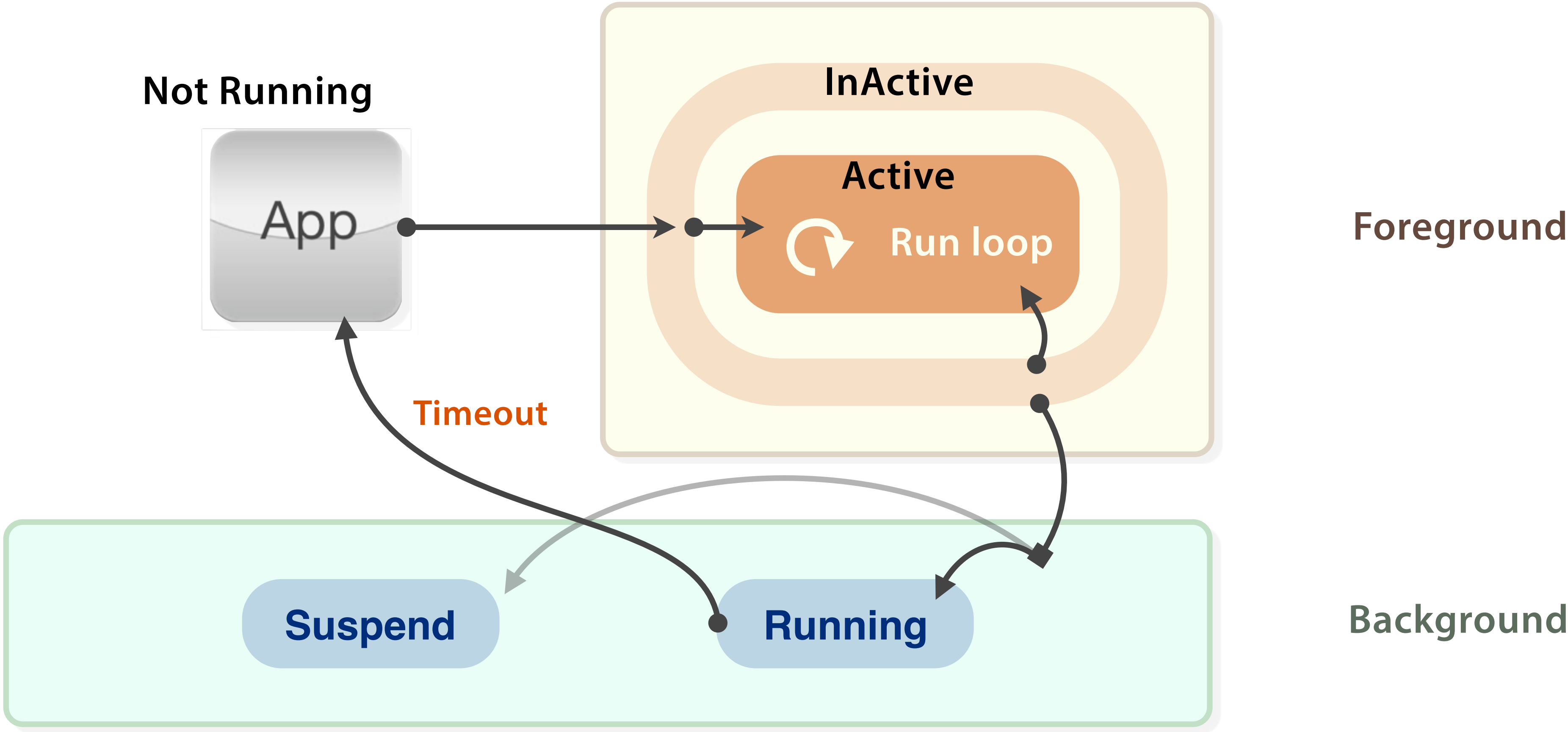
applicationDidBecomeActive:
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applicationDidBecomeActive:
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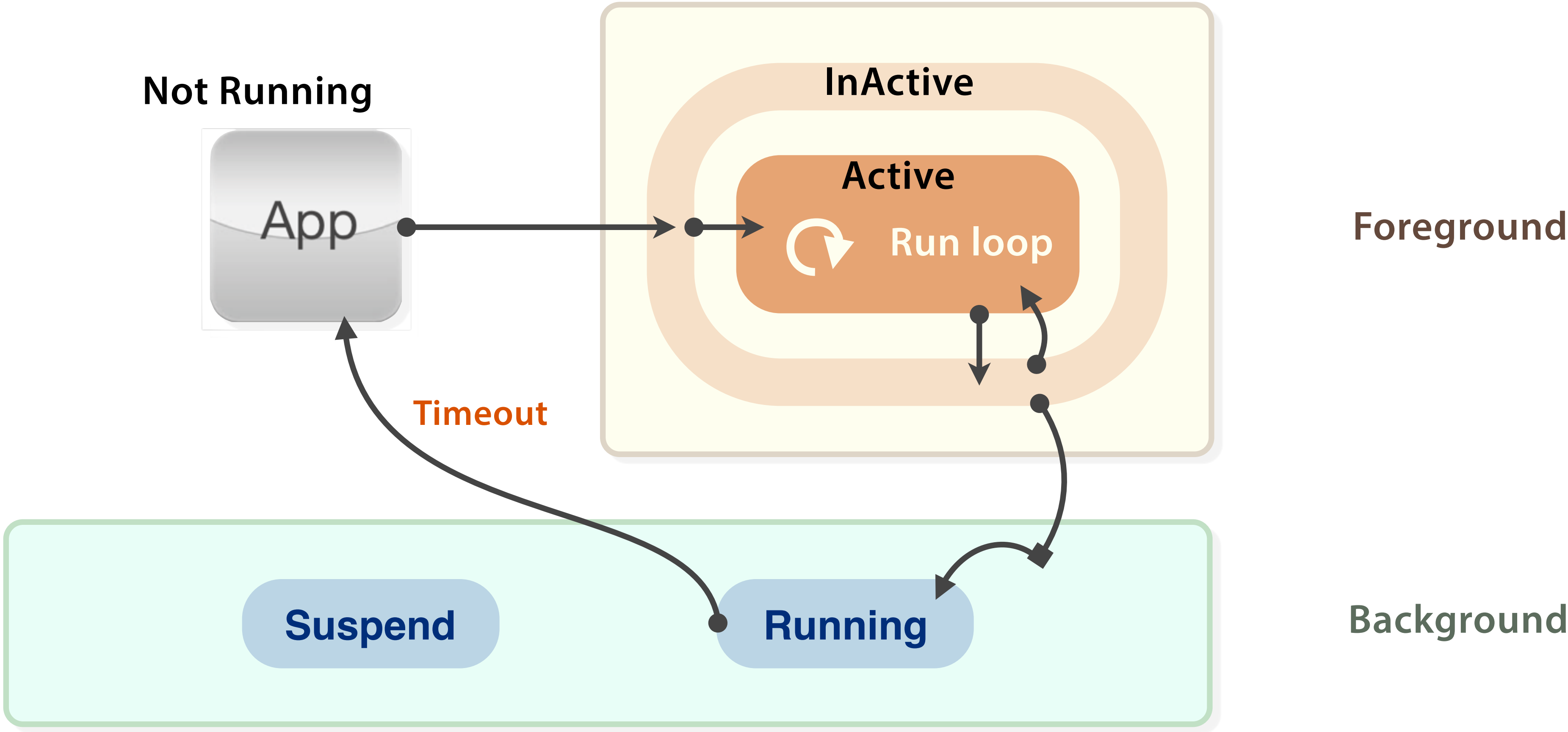


applicationWillEnterForeground:

applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
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applicationDidBecomeActive:
applicationWillResignActive:

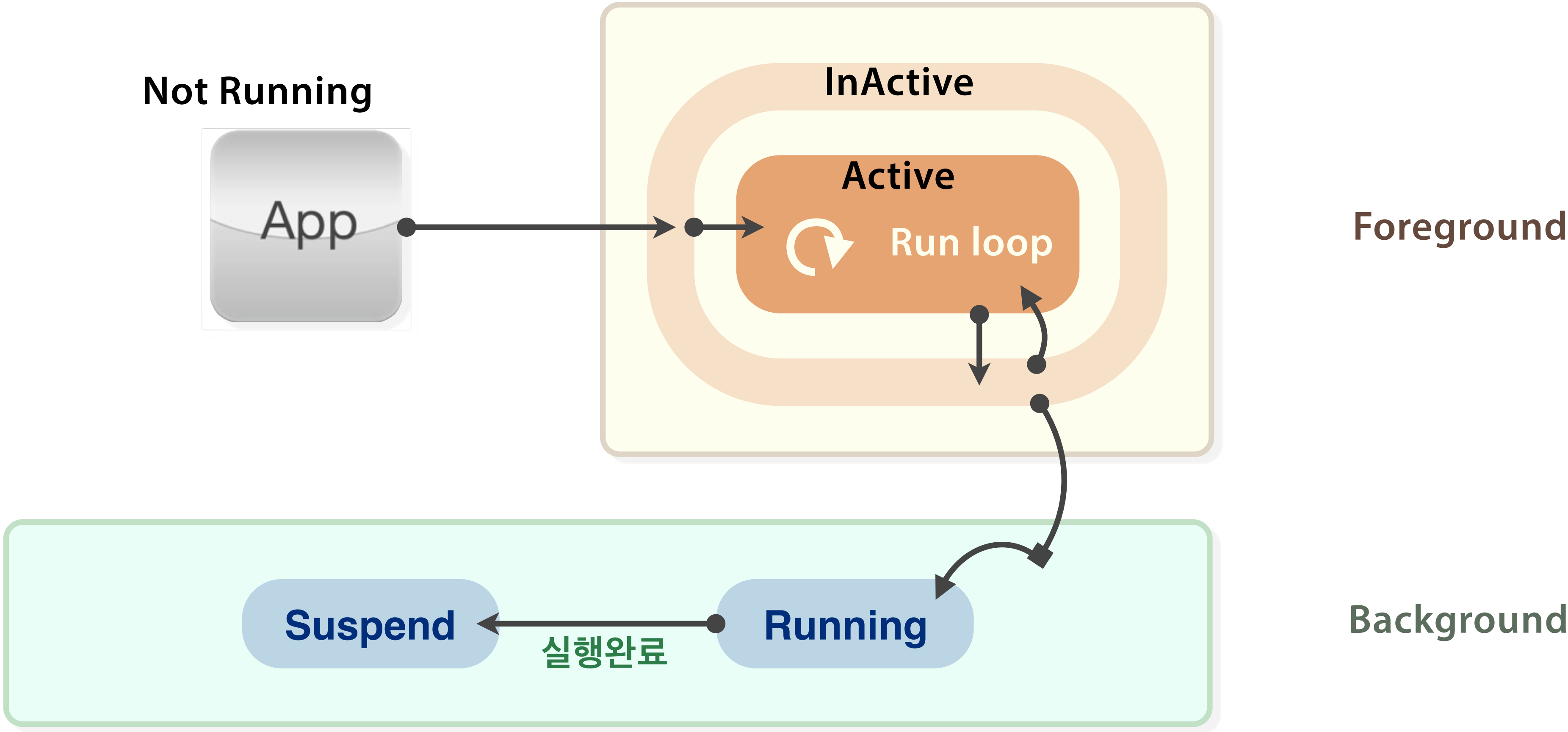


applicationWillEnterForeground:

applicationDidEnterBackground:

application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

applicationDidBecomeActive:
applicationWillResignActive:

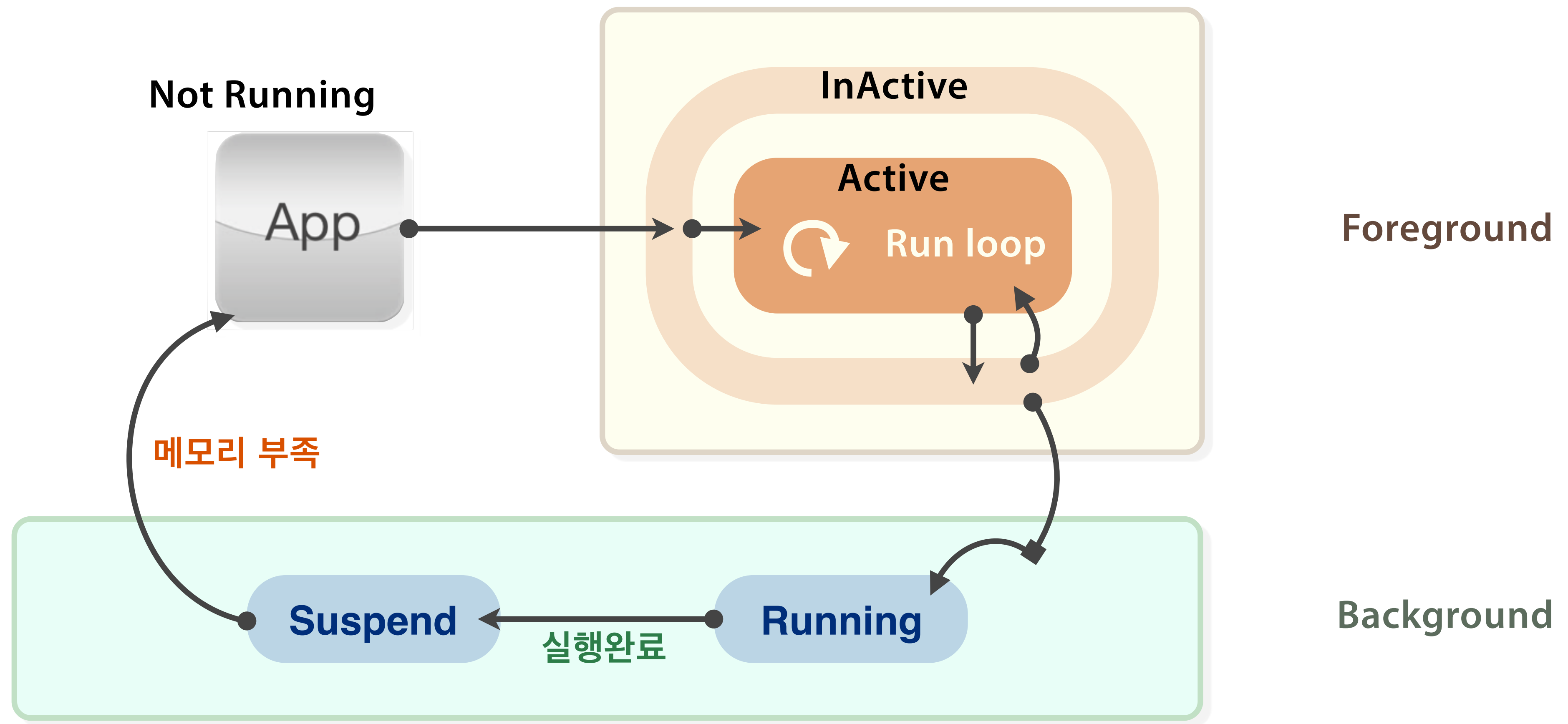


applicationWillEnterForeground:

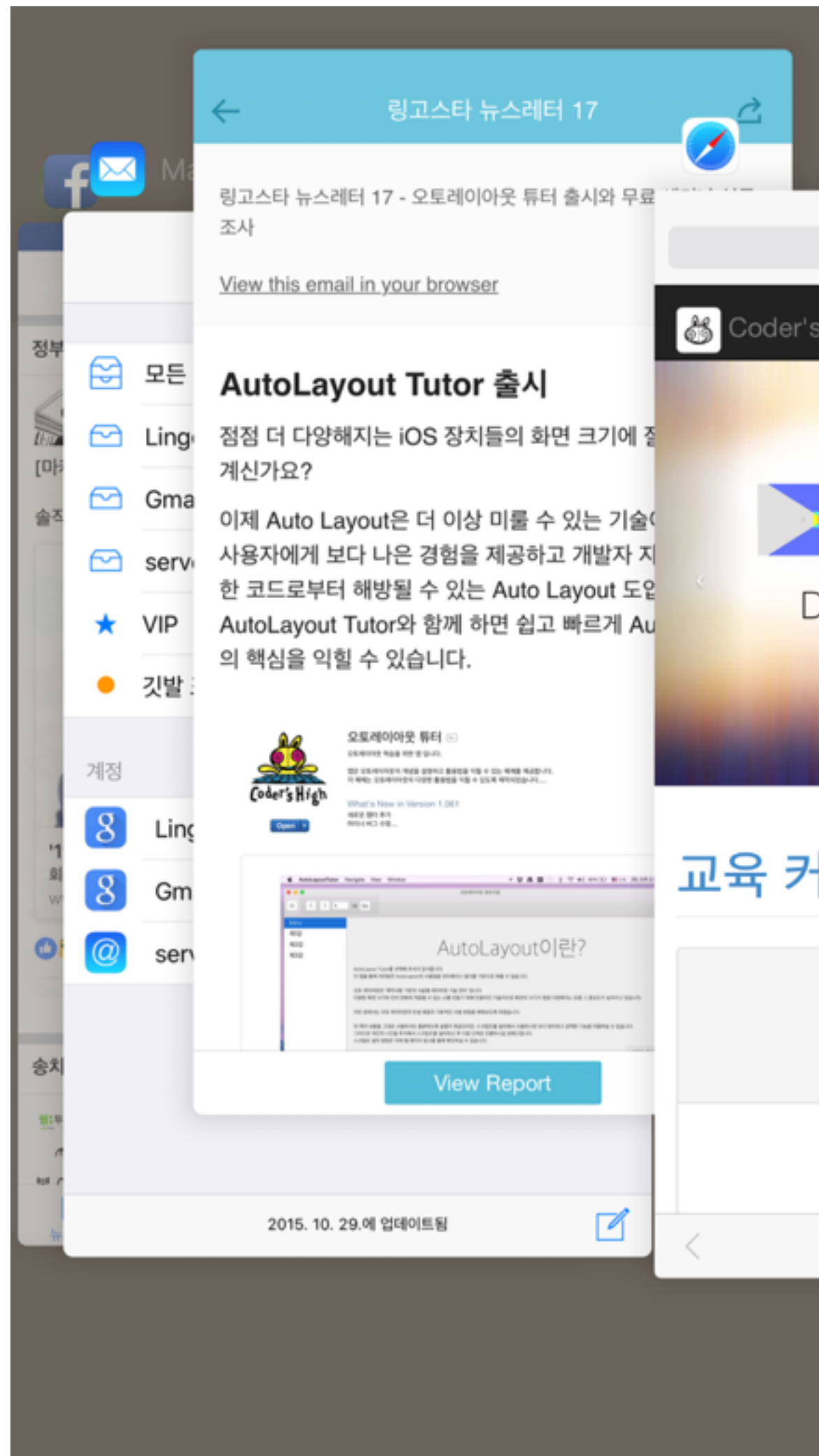
applicationDidEnterBackground:

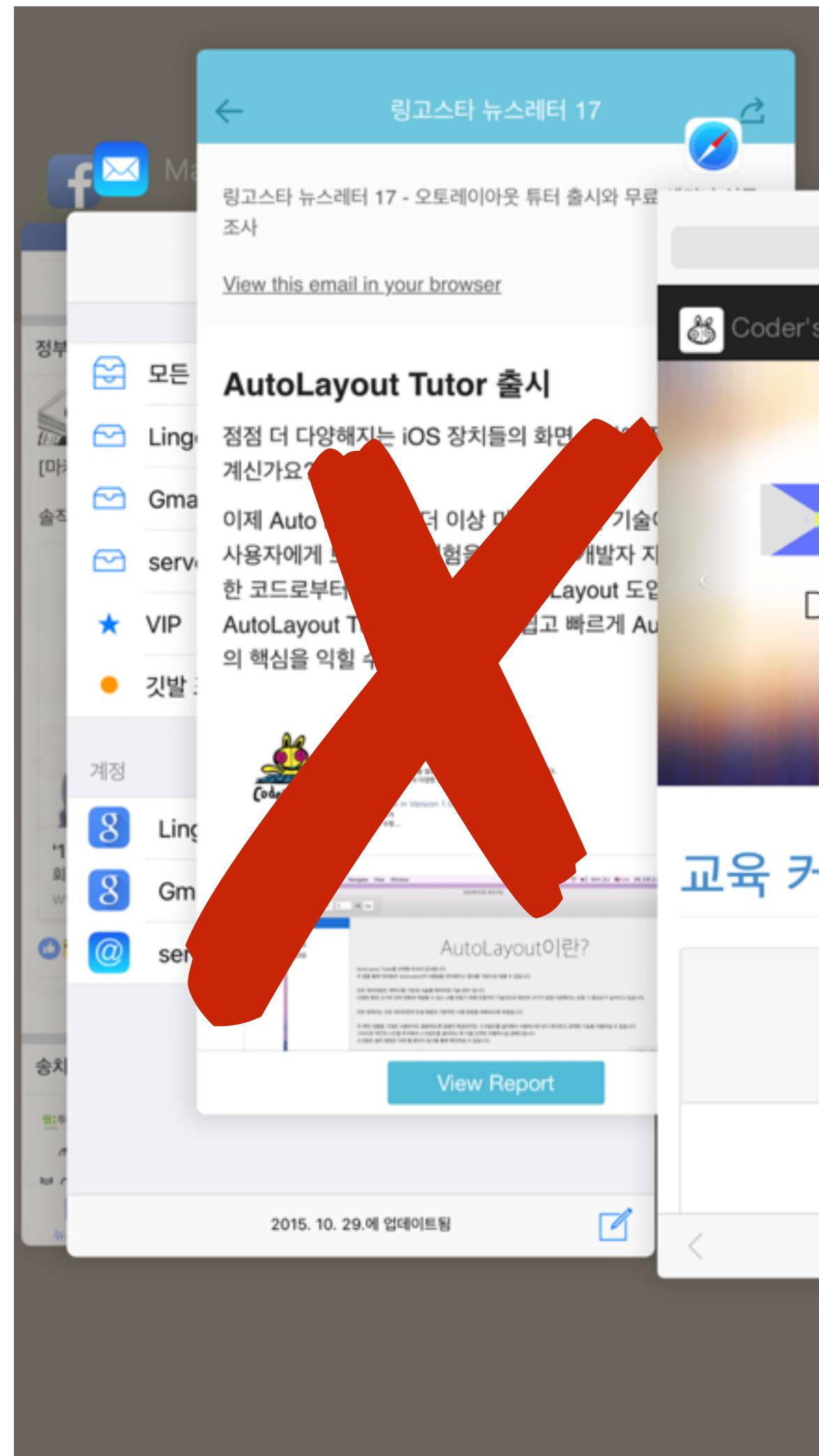
application:DidFinishLaunchingWithOptions:
applicationWillTerminate:

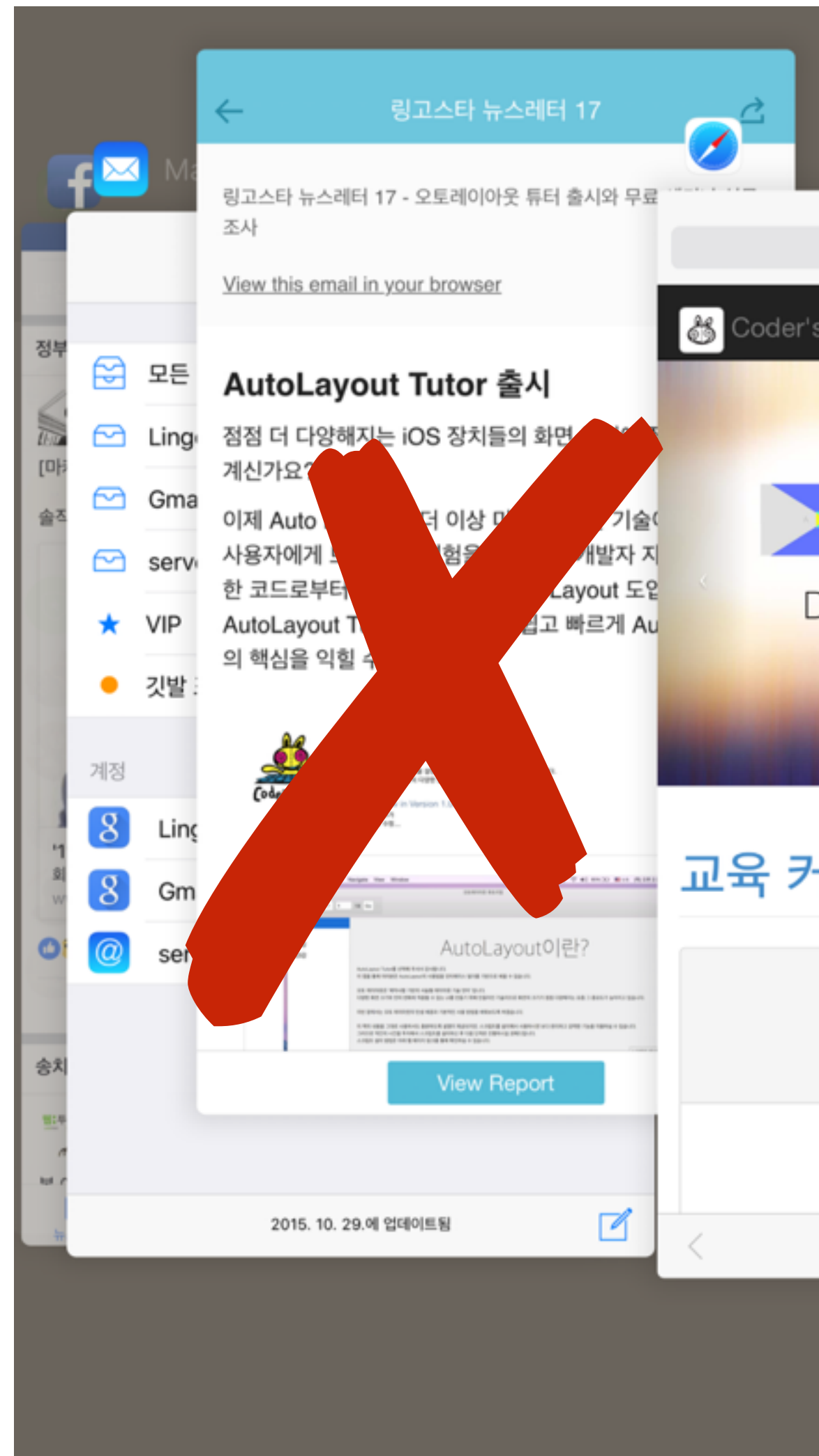
applicationDidBecomeActive:
applicationWillResignActive:



applicationWillEnterForeground:
applicationDidEnterBackground:







- applicationWillTerminate: 호출 안됨
- 다시 시동하는 데 시간과 배터리 소모
- 앱이 이상 동작하는 경우에만