# WILEY

Copyright © 2015 by John Wiley & Sons, Inc. All rights reserved.

No part of this may be reproduced, used, stored in a retrieval system or transmitted in any form by any means without prior authorization or written permission of the Publisher.



23 30 38

日历数据库

创建、编辑、删除事件或提醒

30

定义Event Kit框架

使用Event Kit UI框架

用Event Kit框架 请求访问权限

#### **Event Kit**



- Event Kit框架 读取和修改用户的日历数据库
- Event Kit UI框架 提供操控事件的用户界面元素

#### **Event Kit**





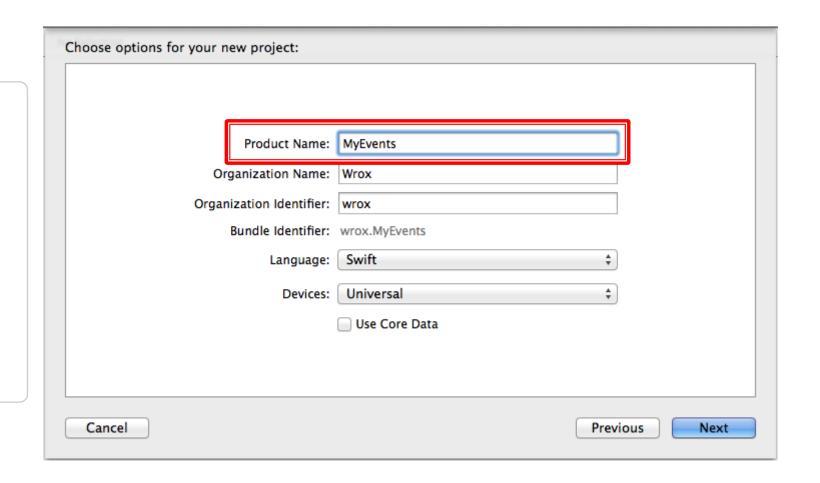




- EKCalendarChooser 让用户能够选择一个或多个日历
- EKEventViewController 让用户能够创建或编辑一个已有事件

开启Xcode,并使用
 Single View
 Application模板创建一
 个新项目

Objective-C或Swift



```
EKAuthorizationStatus status =

[EKEventStore

authorizationStatusForEntityType:EKEntityTypeEvent];

if (status == EKAuthorizationStatusDenied ||

status == EKAuthorizationStatusRestricted) {

return;

}
```

- EKAuthorizationStatusNotDetermined
- EKAuthorizationStatusRestricted
- EKAuthorizationStatusDenied
- EKAuthorizationStatusAuthorized

```
let eventStore = EKEventStore ( )
   switch
EKEventStore.authorizationStatusForEntityType (EKEntityTypeEvent) {
   case .Authorized:
readEventsFromCalendar (eventStore)
   case .Denied:
     displayAccessDenied()
   case .NotDetermined:
```

```
eventStore.requestAccessToEntityType (EKEntityTypeEvent, completion:
       { [ weak self ] (granted : Bool, error : NSError !) - > Void in
         if granted {
self!.insertEventIntoStore (eventStore)
         } else {
self!.displayAccessDenied()
   case .Restricted:
     displayAccessRestricted()
```

这段代码显示了如何提示用 户,让其授权你的应用访问 日历数据库

```
- (void) requestAccessToCalendar
self.m
bloc
[self.m
reques
compl
// hand
access
dispat
access
});
}];
```

- EKEntityTypeReminder
- EKEntityTypeEvent

```
- (void) requestAccessToCalendar
self .myEventStore = [[EKEventStore alloc] init];
 block BOOL accessGranted = NO;
[self.myEventStore
requestAccessToEntityType:EKEntityTypeEvent
completion: (BOOL granted, NSError *error)
// handle access here
accessGranted = granted;
dispatch_async (dispatch_get_main_queue ( ),^{
accessGranted=YES;
});
```

#### Event Kit UI框架的作用是什么?

- a) 为操控事件提供用户界面元素
- b) 通过创建或编辑事件来修改日历数据库
- c) 为重复事件存储数据





- a) 为操控事件提供用户界面元素
- b) 通过创建或编辑事件来修改日历数据库
- c) 为重复事件存储数据

## 总结

Event Kit框架提供对用户日历和提醒的访问权限。

Event Kit框架让你能够读取用户的日历数据库并通过创建或编辑事件进行修改。

Event Kit UI框架为操控事件提供用户界面元素。

访问事件和提醒需要你的应用具有对用户日历数据库的访问权限。

获得对日历数据库的访问权限还涉及到请求数据库的访问许可。

# WILEY