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A person wearing a white, vertically striped shirt is holding a black tablet. Their right hand is at the top, with the index finger pointing towards the screen. Their left hand is at the bottom, supporting the tablet. A semi-transparent white rectangular box is centered horizontally across the middle of the image, containing the text "Event Kit" in English and "框架" in Chinese. The background is a blurred blue and green, suggesting an outdoor setting.

Event Kit框架



日历数据库

创建、编辑、删除事件或提醒



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



reminder

- **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

使用Event Kit UI框架

- 开启Xcode，并使用
**Single View
Application**模板创建一个新项目
- **Objective-C或Swift**

Choose options for your new project:

Product Name:

Organization Name:

Organization Identifier:

Bundle Identifier:

Language:

Devices:

☐ Use Core Data

Cancel Previous Next

使用Event Kit UI框架

```
EKAuthorizationStatus status =  
[EKEventStore  
authorizationStatusForEntityType:EKEntityTypeEvent];  
if (status == EKAuthorizationStatusDenied ||  
status == EKAuthorizationStatusRestricted) {  
return;  
}
```

使用Event Kit UI框架

- `EKAuthorizationStatusNotDetermined`
- `EKAuthorizationStatusRestricted`
- `EKAuthorizationStatusDenied`
- `EKAuthorizationStatusAuthorized`

使用Event Kit UI框架

```
let eventStore = EKEventStore ( )
```

```
    switch
```

```
    EKEventStore.authorizationStatusForEntityType (EKEntityTypeEvent) {
```

```
        case .Authorized:
```

```
        readEventsFromCalendar (eventStore)
```

```
        case .Denied:
```

```
            displayAccessDenied ( )
```

```
        case .NotDetermined:
```

使用Event Kit UI框架

```
eventStore . requestAccessToEntityType (EKEntityTypeEvent, completion:
    { [ weak self ] (granted : Bool, error : NSError !) - > Void in

        if granted {
self ! . insertEventIntoStore (eventStore)

        } else {
self ! . displayAccessDenied ( )
        }
    })
case .Restricted:
    displayAccessRestricted ( )

}
}
```

使用Event Kit UI框架

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
    request
    compl
    {
        // han
        access
        dispat
        access
    });
    });
}
```



使用Event Kit UI框架

- 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



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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。

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