


# WILEY

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A person wearing a white lab coat is holding a tablet computer. Their hands are visible, with the right hand touching the screen. The background is a blurred blue and green. A semi-transparent white banner is overlaid across the middle of the image.

# 外部通知

A close-up of a hand with fingers slightly curled, interacting with a series of glowing, semi-transparent digital icons. The icons include a magnifying glass with a plus sign, a speech bubble, a musical note, a camera, a play button, a document with a checkmark, a person icon, and a smartphone. The background is a dark, blurred blue with light bokeh effects.

外部通知 – 使用统一资源定位符（URL）  
scheme创建

A tablet with a black bezel and a black screen. In the center of the screen is a white rectangular box containing the text '注册自定义URL scheme'. The tablet is shown from a slightly elevated angle, casting a soft shadow on the surface below it.

注册自定义URL scheme



# 自定义URL Scheme

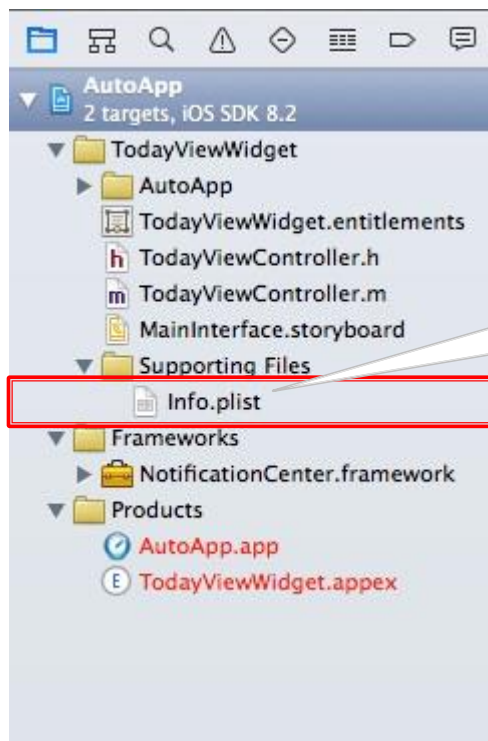
分享的链接是一个自定义URL

# 自定义URL Scheme

URL的发送者会接收相关信息的更新。例如URL的接收者是否接收并观看了影片。



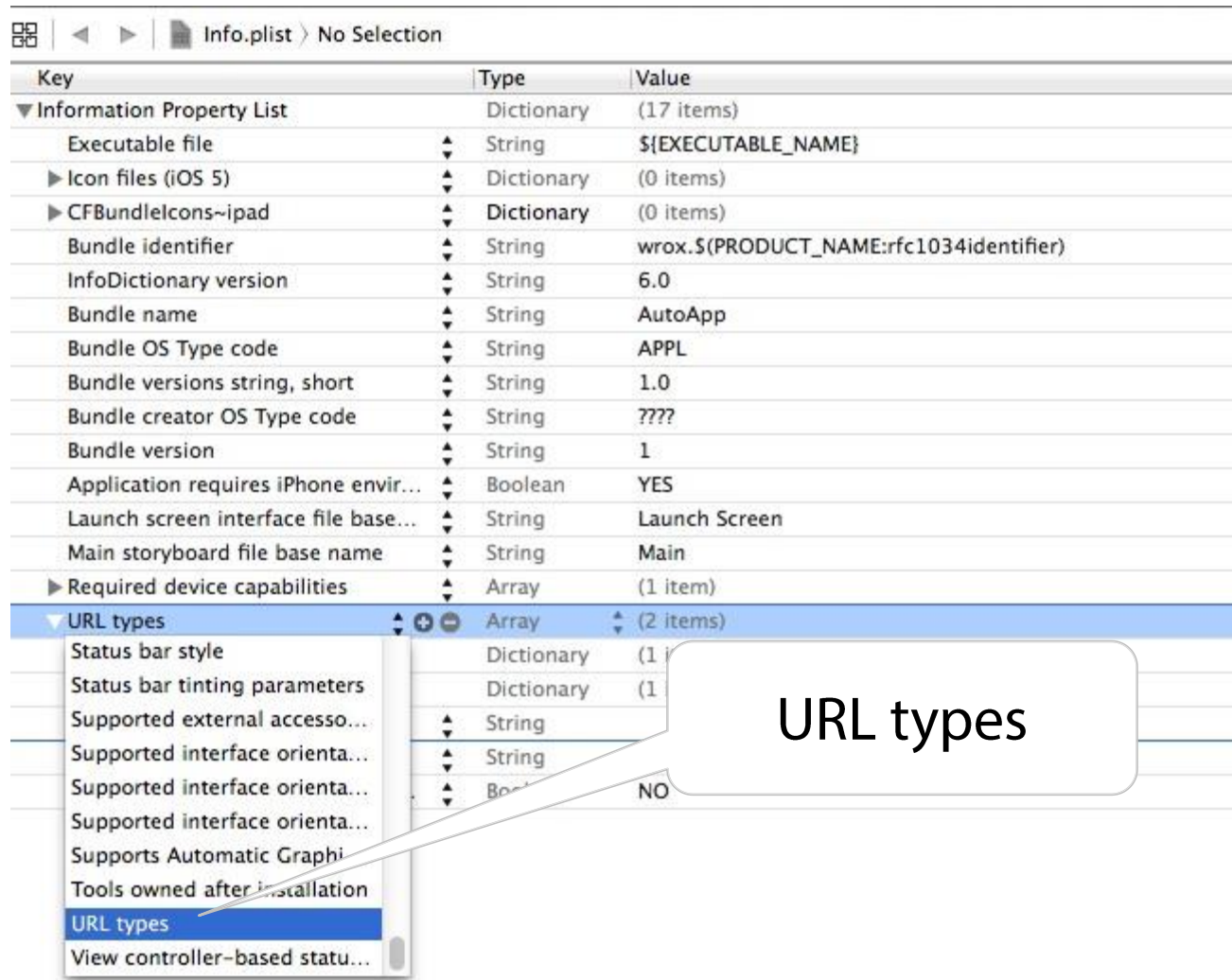
# 自定义URL Scheme



Info.plist



# 自定义URL Scheme



# 自定义URL Scheme

Info.plist > No Selection

Key	Type	Value
▼ Information Property List	Dictionary	(17 items)
Executable file	String	\${EXECUTABLE_NAME}
▶ Icon files (iOS 5)	Dictionary	(0 items)
▶ CFBundleIcons~ipad	Dictionary	(0 items)
Bundle identifier	String	wrox.\$(PRODUCT_NAME:rfc1034identifier)
InfoDictionary version	String	6.0
Bundle name	String	AutoApp
Bundle OS Type code	String	APPL
Bundle versions string, short	String	1.0
Bundle creator OS Type code	String	????
Bundle version	String	1
Application requires iPhone envir...	Boolean	YES
Launch screen interface file base...	String	Launch Screen
Main storyboard file base name	String	Main
▶ Required device capabilities	Array	(1 item)
▼ URL types	Array	(2 items)
▼ Item 0 (None)	Dictionary	(1 item)
Document Role	String	None
▼ Item 1	Dictionary	(1 item)
Document Role	String	
Status Bar Appearance	String	Transparent black style (alpha of 0.5)
View Controller Based Navigation	Boolean	NO

# 自定义URL Scheme

Key	Type	Value
▼ Information Property List	Dictionary	(15 items)
Application fonts resource path	String	
Localization native development reg	String	en
Bundle display name	String	\${PRODUCT_NAME}
Executable file	String	\${EXECUTABLE_NAME}
Bundle identifier	String	net.yourdeveloper.\${PRODUCT_NAME:rfc1034identifier}
InfoDictionary version	String	6.0
Bundle name	String	\${PRODUCT_NAME}
Bundle OS Type code	String	APPL
Bundle versions string, short	String	1.0
Bundle creator OS Type code	String	????
Bundle version	String	1.0
Application requires iPhone environ	Boolean	YES
► Required device capabilities	Array	(1 item)
▼ URL types	Array	(1 item)
▼ Item 0	Dictionary	(1 item)
▼ URL Schemes	Array	(1 item)
Item 0	String	urldemo
► Supported interface orientations	Array	(3 items)

urldemo

*urldemo://xxx* – 被点击时启动应用

# 自定义URL Scheme

应用不会自动启动 –  
它需要响应URL请求

```
- (BOOL)application: (UIApplication *)application  
openURL:(NSURL *)url  
sourceApplication:(NSString *)sourceApplication  
annotation:(id)annotation {
```

```
//You can perform an additional check to make sure you're not picking up an  
//url identifier from another application  
if ([[url host] isEqualToString:@"net.yourdeveloper.somevalue"])  
{  
    //parse the query string if used to get access  
    to the query string variables and values  
    NSArray *querySplitter = [[url query] componentsSeparatedByString:@"&"];  
    if ([querySplitter count] == 1)  
    {  
    }  
}  
return YES;  
}
```

# 自定义URL Scheme

application:  
openURL:sourceApplication:annotation:

你的应用会在后台运行





# 自定义URL Scheme

要让你的应用在前台运行：

1. 打开Safari
2. 在地址栏输入  
*urldemo://net.yourdeveloper/whatever*
3. 按回车



# 自定义URL Scheme

在application:openURL:  
sourceApplication:annotation:方法内

1. 验证URL
2. 访问查询字符串
3. 实现过程



# 自定义URL Scheme

自定义URL scheme:

- 为其它应用提供开启你应用的功能
- 在URL中使用查询字符串传递信息



## 什么是外部通知？

- a) 一条消息，在应用没有在前台运行时，告诉用户有趣的事情发生了
- b) 一个到你应用的链接，发送给其他用户，提醒其使用你的应用
- c) 一个由你应用生成和接收的通知





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# 总结

外部通知是到应用的链接，发送给其他用户，提醒其使用你的应用。

外部通知可以在URLSchemeDemo-Info.plist文件中通过创建自定义URL scheme来生成。

外部通知创建后，必须有自定义处理代码来使用UIApplication中的委托方法application:openURL:sourceApplication:annotation:响应URL请求。

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