

iOS 键盘添加工具栏

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iOS中 键盘 KeyBoard 上怎么添加工具栏？

如图中所示 在键盘上面加一条工具栏

大致思路是提前创建好工具栏，在键盘弹出的时候将工具栏显示出来，在键盘消失的时候让工具栏隐藏

上代码

设置两个变量

```
1.     UIView * _toolView;  
2.     UITextField *textField;
```

创建工具栏 输入框 添加键盘弹出 消失的通知

```
1.  - (void)viewDidLoad {  
2.      [super viewDidLoad];  
3.      textField = [[UITextField alloc] initWithFrame:CGRectMake(10, 64, 120, 60)];  
4.      textField.placeholder = @"测试";  
5.      [self.view addSubview:textField];  
6.      [[NSNotificationCenter defaultCenter] addObserver:self  
7.          selector:@selector(keyboardWillShow:)  
8.          name:UIKeyboardWillShowNotification  
9.          object:nil];  
10.     [[NSNotificationCenter defaultCenter] addObserver:self  
11.         selector:@selector(keyboardWillHide:)  
12.         name:UIKeyboardWillHideNotification object:nil];  
13.     _toolView = [[UIView alloc] init];  
14.     _toolView.frame = CGRectMake(0, screen_Height, screen_Width, 50);  
15.     [self.view addSubview:_toolView];  
16.     UIButton *losebtn = [UIButton buttonWithType:UIButtonTypeCustom];  
17.     losebtn.frame = CGRectMake(20, 0, 50, 50);  
18.     [losebtn addTarget:self action:@selector(btnClick) forControlEvents:UIControlEventTouchUpInside];  
19.     [losebtn setTitleColor:[UIColor blackColor] forState:UIControlStateNormal];  
20.     [losebtn setTitle:@"收起" forState:UIControlStateNormal];  
21.     [_toolView addSubview:losebtn];  
22.     UIButton *imageBtn = [UIButton buttonWithType:UIButtonTypeCustom];  
23.     [imageBtn setTitle:@"图片" forState:UIControlStateNormal];  
24.     imageBtn.frame = CGRectMake(screen_Width-100, 0, 50, 50);  
25.     [imageBtn setTitleColor:[UIColor blackColor] forState:UIControlStateNormal];  
26.     [imageBtn addTarget:self action:@selector(imageBtnClick) forControlEvents:UIControlEventTouchUpInside];  
27.     [_toolView addSubview:imageBtn];  
28.     UIButton *cameraBtn = [UIButton buttonWithType:UIButtonTypeCustom];  
29.     [cameraBtn setTitle:@"相机" forState:UIControlStateNormal];  
30.     cameraBtn.frame = CGRectMake(screen_Width-50, 0, 50, 50);  
31.     [cameraBtn setTitleColor:[UIColor blackColor] forState:UIControlStateNormal];  
32.     [cameraBtn addTarget:self action:@selector(cameraBtnClick) forControlEvents:UIControlEventTouchUpInside];
```



```

33.     [_toolView addSubview:cameraBtn];
34.     UIButton *canclebtn = [UIButton buttonWithTypeCustom];
35.     [canclebtn setTitle:@"取消" forState:UIControlStateNormal];
36.     canclebtn.frame = CGRectMake(screen_Width-150, 0, 50, 50);
37.     [canclebtn setTitleColor:[UIColor blackColor] forState:UIControlStateNormal];
38.     [canclebtn addTarget:self action:@selector(canclebtnBtnClick) forControlEvents:UIControlEventTouchUpInside];
39.     [_toolView addSubview:canclebtn];
40. }

```

实现键盘通知的方法

```

1. #pragma mark 当键盘出现或改变时调用
2. - (void)keyboardWillShow:(NSNotification *)aNotification
3. {
4.     NSDictionary *userInfo = [aNotification userInfo];
5.     NSValue *aValue = [userInfo objectForKey:UIKeyboardFrameEndUserInfoKey];
6.     CGRect keyboardRect = [aValue CGRectValue];
7.     float keyBoardHeight = keyboardRect.size.height;
8.     [UIView animateWithDuration:0.1 animations:^(
9.         _toolView.frame = CGRectMake(0, screen_Height-keyBoardHeight-50, screen_Width, 50);
10.     )];
11. }
12. #pragma mark 当键退出时调用
13. - (void)keyboardWillHide:(NSNotification *)aNotification
14. {
15.     [UIView animateWithDuration:0.1 animations:^(
16.         _toolView.frame = CGRectMake(0, screen_Height+50, screen_Width, 50);
17.     )];
18. }

```

给工具栏上的各个按钮实现点击事件

```

1. - (void)btnClick{
2.     [textField resignFirstResponder];
3. }
4. - (void)imageBtnClick{
5. }
6. - (void)cameraBtnClick{
7. }
8. - (void)canclebtnBtnClick{
9. }

```

好了 大家试试 是不是可以了

源代码我将上传到群空间 大家有兴趣可以下载

demo：【60311键盘添加工具栏KeyboardToolBar.zip】

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