13.多界面传值

AppDelegate.m

#import "AppDelegate.h"

#import "VCFirst.h"

#import "VCThird.h"

@interface AppDelegate ()

@end

@implementation AppDelegate

- (BOOL)application:(UIApplication \*)application didFinishLaunchingWithOptions:(NSDictionary \*)launchOptions {

// Override point for customization after application launch.

self.window = [[UIWindow alloc]initWithFrame:[UIScreen mainScreen].bounds];

[self.window makeKeyAndVisible];

VCFirst\* vcFirst = [[VCFirst alloc]init];

vcFirst.title = @"视图一";

vcFirst.view.backgroundColor = [UIColor whiteColor];

UINavigationController\* nav = [[UINavigationController alloc]initWithRootViewController:vcFirst];

VCThird\* vcThird = [[VCThird alloc]init];

UINavigationController\* nav2 = [[UINavigationController alloc]initWithRootViewController:vcThird];

vcThird.title = @"视图三";

vcThird.view.backgroundColor = [UIColor greenColor];

NSArray\* array = [NSArray arrayWithObjects:nav,nav2, nil];

UITabBarController\* tabVC = [[UITabBarController alloc]init];

tabVC.viewControllers = array;

self.window.rootViewController = tabVC;

return YES;

}

VCFirst.h

#import <UIKit/UIKit.h>

#import "VCSecond.h"

@interface VCFirst : UIViewController<VCSecondDelegate>

-(void)changeColor:(UIColor \*)color;

@end

VCFirst.m

#import "VCFirst.h"

#import "VCSecond.h"

@interface VCFirst ()

@end

@implementation VCFirst

- (void)viewDidLoad {

[super viewDidLoad];

// Do any additional setup after loading the view.

}

//实现代理协议

-(void)changeColor:(UIColor \*)color

{

//将second的color的值传到这

self.view.backgroundColor = color;

}

//推出视图控制器二

-(void)touchesBegan:(NSSet<UITouch \*> \*)touches withEvent:(UIEvent \*)event

{

VCSecond\* vc = [[VCSecond alloc]init];

//将当前控制器作为代理对象赋值

vc.delegate = self;

vc.view.backgroundColor = [UIColor orangeColor];

//推出视图控制器二

[self.navigationController pushViewController:vc animated:YES];

}

VCSecond.h

#import <UIKit/UIKit.h>

//定义代理协议，视图控制器二的协议

@protocol VCSecondDelegate<NSObject>

//定义一个协议函数，改变背景颜色

-(void)changeColor:(UIColor\*)color;

@end

@interface VCSecond : UIViewController

@property (assign,nonatomic)NSInteger tag;

//定义一个代理对象

//代理对象会执行协议函数

//通过代理对象实现协议函数，达到代理对象改变本身属性的目的

//代理对象一定要实现代理协议

@property (assign,nonatomic)id<VCSecondDelegate>delegate;

@end

VCSecond.m

#import "VCSecond.h"

@interface VCSecond ()

@end

@implementation VCSecond

- (void)viewDidLoad {

[super viewDidLoad];

// Do any additional setup after loading the view.

//改变颜色导航栏按钮

UIBarButtonItem\* btnChange = [[UIBarButtonItem alloc]initWithTitle:@"变色" style:UIBarButtonSystemItemDone target:self action:@selector(pressChange)];

self.navigationItem.rightBarButtonItem = btnChange;

}

//点击按钮时，触发代理事件

-(void)pressChange

{

//代理对象调用事件函数

[\_delegate changeColor:[UIColor redColor]];

}

- (void)didReceiveMemoryWarning {

[super didReceiveMemoryWarning];

// Dispose of any resources that can be recreated.

}