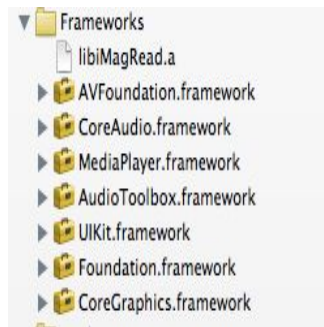


iMagRead Lib User Guide

Libraries

SDK need these libraries, please add these libraries into project.



image

The file libiMagRea.a is for the SDK, others for iOS standard libraies.

Interface description

Interface file: iMagRead.h

Interface initialized

If need, please creat object.

Example:

Head file:

```
#import "iMagRead.h"
@interface ViewController : UIViewController
{
    iMagRead * _reader;
}
```

Method:

```
- (void)viewDidLoad
{
    [super viewDidLoad];
    _reader = [[iMagRead alloc]init];
}
```

Interface Function:

Start

define:

```
-(void) Start; //
```

description: start device

Example:

```
- (IBAction)StartBtnClick:(id)sender { // click button to start device.
    [_reader Start];
}
```

Stop

define:

```
-(void) Stop;
```

description: stop device

Example:

```
- (IBAction)StopRec:(id)sender {
    [_reader Stop];
}
```

Message

CARREAD_MSG_ByteUpdate

Define:

```
NSString * CARREAD_MSG_ByteUpdate = @"CARREAD_MSG_ByteUpdate"; //inform to use new Byte
```

description: get content for type of **Byte**

Example:

Read message:

```
[[NSNotificationCenter defaultCenter]
    addObserver:self
    selector:@selector(UpdateBytes:)
    name:CARREAD_MSG_ByteUpdate
```

```
object:nil];
```

Resolve message:

```
- (void) UpdateBytes:(NSNotification*)aNotification
{
    NSString* str = [aNotification object];
    [self performSelectorOnMainThread:@selector(updateBytCtl:)
        withObject:str
        waitUntilDone:YES];
}
```

CARREAD_MSG_BitUpdate

define:

```
NSString * CARREAD_MSG_BitUpdate = @"CARREAD_MSG_BitUpdate"; //inform to update application
```

description: get content for type of **Bit**

Example:

Read message

```
[[NSNotificationCenter defaultCenter]
    addObserver:self
    selector:@selector(UpdateBits:)
    name:CARREAD_MSG_BitUpdate
    object:nil];
```

Resolve message

```
- (void) UpdateBits:(NSNotification*)aNotification
{
    NSString* str = [aNotification object];
    [self performSelectorOnMainThread:@selector(updateBitCtl:)
        withObject:str
        waitUntilDone:YES];
}
```

CARREAD_MSG_Err

define:

```
NSString * CARREAD_MSG_Err = @"CARREAD_MSG_Err";
```

description: status for read card

Read message

```
[[NSNotificationCenter defaultCenter]
 addObserver:self
 selector:@selector(UpdateError:)
 name:CARREAD_MSG_Err
 object:nil];
```

Resolve message

```
- (void) UpdateError:(NSNotification*)aNotification
{
    NSString* str = [aNotification object];
    [self performSelectorOnMainThread:@selector(updateErrorState:)
        withObject:str
        waitUntilDone:YES];
}
```

Status resolve

Here only simply display.

```
- (void) updateErrorState:(NSString*) text
{
    static bool chang_color =false;

    if (chang_color) {
        [_errLable setTextColor:[UIColor blueColor]];
        chang_color=false;
    }
    else
    {
        [_errLable setTextColor:[UIColor blackColor]];
        chang_color=true;
    }

    if ([text isEqualToString:@"Sucess"]) { //read success
        [_errLable setBackgroundColor:[UIColor greenColor]];
    }
    else //err
    {
        [_errLable setBackgroundColor:[UIColor redColor]];
    }
}
```

```
    [_errLable setText:text];  
}
```