

AFNetworking知识点总结

1.学习AFNetworking的背景知识

AFNetworking是一个封装了网络抽象层和苹果官方网络SDK的网络框架，AFNetworking有方便使用的优点，它请求到得数据经过了JSON解析，可以直接使用。

AFNetworking官方文档

<http://cocoacdocs.org/docsets/AFNetworking/2.3.1/index.html>

2.AFNetworking中关键的类

1. AFHTTPRequestOperationManager	管理AFHTTPRequestOperation对象
2. AFHTTPRequestOperation	
3. AFURLRequestSerialization	
4. AFURLResponseSerialization	
5. AFURLSessionManager (NSURLSessionConfiguration)	创建和管理NSURLSession对象
NSURLSessionUploadTask	上传任务
NSURLSessionDownloadTask	下载任务
NSURLSessionDataTask	数据流任务

GET请求例子

```
AFHTTPRequestOperationManager *manager = [AFHTTPRequestOperationManager
];
manager];
[manager GET:@"http://example.com/resources.json" parameters:nil
success:^(AFHTTPRequestOperation *operation, id responseObject) {
NSLog(@"JSON: %@", responseObject);
} failure:^(AFHTTPRequestOperation *operation, NSError *error) {
NSLog(@"Error: %@", error);
}
```

POST请求例子

```
AFHTTPRequestOperationManager *manager = [AFHTTPRequestOperationManager
manager];
NSDictionary *parameters = @{@"foo": @"bar"};
NSURL *filePath = [NSURL fileURLWithPath:@"file://path/to/image.png"];
[manager POST:@"http://example.com/resources.json" parameters:parameters
constructingBodyWithBlock:^(id<AFMultipartFormData> formData) {
[formData appendPartWithFileURL:filePath name:@"image" error:nil];
} success:^(AFHTTPRequestOperation *operation, id responseObject) {
NSLog(@"Success: %@", responseObject);
} failure:^(AFHTTPRequestOperation *operation, NSError *error) {
NSLog(@"Error: %@", error);
}
];
```

Demo:

1. 利用AFHTTPRequestOperationManager，通过URL获取JSON数据
2. 利用AFHTTPRequestOperation，通过URL获取数据
3. 通过AFNetworking封装的类实现图片异步下载
4. 通过URL获取plist文件内容
5. POST Multi-Part使用