

这些都是我从代码里直接截取出来的，iOS 端所有数据都是以 json 形式接收，发送则是以 parameter 形式发送。对数据的处理大部分是在服务器端进行，手机端有一些简单的排序。这里列出了 34 个 restful api 的交互，但是其中有很多写法上是完全一样的，也有很多是非常简单的发送一个 string 返回一个 string 的简单逻辑。代码是以 swift 2.1，xcode 7.1 编写。

```
struct EventData {
    let id:String
    let address_city:String
    let address:String
    let address_state:String
    let autoAccept:Bool
    let clouldinary:String
    let image:String
    let createdAt:String
    let hostID:String
    let location_lat:Float
    let location_lng:Float
    let location_latApprox:Float
    let location_lngApprox:Float
    let maxParty:Int
    let acceptedGuests:Int
    let totalGuests:Int
    let placeType:Int
    let price:Int
    let spotsLeft:Int
    let status:Int
    let summary:String
    let time_deadline:String
    let time_endAt:String
    let time_startAt:String
    let time_zone:Int
    let theme:String
    let interaction:String
    let note:String
    let question:String
    let updatedAt:String
    let hostFirstName:String
    let hostLastName:String
    let hostPic:String
    let reviewable:Int
    let orderStatus:String
    let hostOverallRating:Float
    let guestList:NSArray
    let hostReviewsCount:Int
}
```

edit event 允许用户在 post event 之后还可以修改

```
func editEvent(mealId:String, autoAccept:String, title:String,
summary:String, pricePerGuest:String, maxParty:String, startAt:String,
endAt:String, deadline:String, placeType:String,
cloudinaryPublicId:String, interaction:String, note:String,
questionForGuest:String, address:String, userId:String) -> String
```

检查地址是否合法, 通过服务器调用 google maps api 查

```
func checkAddress(address:String) -> String
```

建立新 event

```
func createEvent(userId:String, autoAccept:String, title:String,
summary:String, pricePerGuest:String, maxParty:String, startAt:String,
deadline:String, placeType:String, cloudinaryPublicId:String,
address:String, endAt:String, interaction:String, note:String,
questionForGuest:String) -> String
```

查之前 host event 的历史

```
func hostingList(dataArray:NSArray) -> [EventData]
```

查之前参加 event 的历史

```
func attendingList(dataArray:NSArray) -> [EventData]
```

查所有可以参加的 event 列表

```
func explore_All(input:NSArray) -> [EventData]
```

判断是否可以登陆

```
func loginVerify(userEmail:String, password:String) -> String
```

一对一聊天

```
struct Inbox {
    let id:String
    let toUserId:String
    let userId:String
    let content:String
    let createdAt:String
    let readBy:String
    let fromFirstName:String
    let fromLastName:String
    let fromPicture:String
    let toFirstName:String
    let toLastName:String
    let toPicture:String
}
```

发信息

```
func sendMessages(userId:String, content:String, toUserId:String) ->
String
```

收所有信息

```
func getInbox(dataArray:NSArray) -> [Inbox]
```

发送那条 notification 已读

```
func readNotification(notificationId:String) -> String
```

```
struct Notification {
    var id:String
```

```

    var type:Int
    var subType:Int
    var createdAt:String
    var hidden:Int
    var mealId:String
    var fromUserId:String
    var toUserId:String
    var content:String
}
获取所有 notification
func getNotification(dataArray:NSArray) -> [Notification]

struct Order {
    let id:String
    let createdAt:String
    let userId:String
    let hostId:String
    let mealEndAt:String
    let mealId:String
    let messageToHost:String
    let respondTime:String
    let status:String
    let numberOfGuests:Int
    //payment total
    let donationPerGuest:Int
    let total:Int
    let userFirstName:String
    let userLastName:String
    let userPic:String
    let hostFirstName:String
    let hostLastName:String
    let hostPic:String
    let guestReviewsCount:Int
    let guestTotalOverallRating:Int
    let hostReviewsCount:Int
    let hostOverallRating:Float
    let hostCleanlinessRating:Float
    let guestRate:Float
    let guestEmail:String
    let reviewableToGuest:Int
}
cancel order 用户不再参加一个 event
func cancelOrder(userId:String, mealId:String) -> String
改变用户参加 event 的状态
func changeOrder(orderId:String, status:String) -> String
用户参加一个 event
func attendEvent(userId:String, mealId:String, numberOfGuest:String) -
> String
得到用户参加的所有 event 的 order 情况
func getOrder(dataArray:NSArray) -> [Order]

```

改变用户头像

```
func changePhoto(userId:String, clouldinary:String) -> Bool
```

从 cdn 获取照片

```
func getFriendPhoto(urlString: String) -> UIImage
```

```
func getMapImage(urlString: String) -> UIImage
```

用邮箱注册新账号

```
func emailRegister(firstName:String, lastName:String, email:String,  
password:String) -> String
```

用 facebook token 注册新账号

```
func facebookRegister(accessToken:String) -> String
```

```
struct Review {  
    let hostId:String  
    let mealId:String  
    let content:String  
    let createdAt:String  
    let overallRating:Int  
    let privateFeedback:String  
    let userId:String  
    let userToHost:Int  
    let guestFirstName:String  
    let guestLastName:String  
    let guestPic:String  
    let hostFirstName:String  
    let hostLastName:String  
    let hostPic:String  
    let communicationRating:Int  
}
```

写新的 review

```
func newReview(mealId:String, userId:String, guestId:String,  
content:String, userToHost:String, overallRating:String,  
communicationRating:String, privateFeedback:String,  
improvement:String) -> String
```

获取不同类型的 review

```
func getReview(dataArray:NSArray) -> [Review]  
func meToGuest(dataArray:NSArray) -> [Review]  
func guestToMe(dataArray:NSArray) -> [Review]  
func HostToMe(dataArray:NSArray) -> [Review]  
func meToHost(dataArray:NSArray) -> [Review]
```

```
struct UserData {  
    let firstName:String  
    let lastName:String  
    var gender:String  
    var photo:String
```

```

var id:String
var memberSince:String
var description:String
var school:String
var work:String
var language:String
var guestRate:Float
var hostRate:Float
var verifyPhone:Int
var verifyEmail:Int
var verifyEdu:Int
var verifyFB:Int
var phone:String
var email:String
var reviewsCount:Int
var birthday:String
}

```

获取用户的信息

```
func profile(userId:String) -> UserData
```

将当前手机 device token 存进数据库

```
func addIOSToken(userId:String, deviceToken:String) -> String
```

修改用户信息

```
func editProfile(userId:String, gender:String, birthday:String,
description:String, school:String, work:String, language:String) ->
String
```

忘记密码，给用户邮箱发邮件重置密码

```
func forgotPassword(email:String) -> String
```

检测忘记密码时输入的邮箱是否存在

```
func emailCheck(email:String) -> Bool
```

检测是否能登录

```
func loginCheck(userEmail:String, password:String) -> String
```

验证手机号

```
func phoneVerifyOne(phone:String, userId:String) -> String
func phoneVerifyTwo(code:String, userId:String) -> String
```