

# 微信小程序开发



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传智教育旗下  
高端IT教育品牌

01

## refresh\_token

- 刷新 token
- 重新登录
- 无感请求

## refresh\_token - 刷新 token

- 检测状态码：401
- 读取 refreshToken
- 调用接口

```
// 配置响应拦截器
http.intercept.response = function ({data}) {

  // 如果状态码为 401 则表明 token 已失效
  if(data.code === 401) {
    // 获取应用实例
    const app = getApp()
    console.log(app.refreshToken);
  }

  // 只保留data数据，其它的都过滤掉
  return data
}
```

```
getToken() {
  // 读取本地的token
  this.token = wx.getStorageSync('token')
  this.refreshToken = wx.getStorageSync('refreshToken')
},
```



## refresh\_token - 刷新 token

- 调用接口：
  - 接口路径: **POST** /refreshToken
  - 自定义头信息: **Authorization: refreshToken**
  - 响应结果:

```
▼ {code: 10000, message: "操作成功", data: {,...}}  
    code: 10000  
    ▼ data: {,...}  
        refreshToken: "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY4MjE0NTY1MzZmMzMzMzAzASn..."  
        token: "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjY4MjE0NTY1MzZmMzMzMzAzASn..."  
        message: "操作成功"
```

## refresh\_token - 无感请求

- 获取原来接口的请求参数：config
- 使用更新后的 token
- 重新发请求

```
// 获取原来接口的请求参数
config = Object.assign(config, {
  header: {
    // 使用新的 token 重新请求
    Authorization: 'Bearer ' + res.data.token,
  },
})
// 继续原来的请求
return http(config)
```

## refresh\_token - 重新登录

- refreshToken过期
  - 状态码 401
  - 接口地址为 /refreshToken
- 路由跳转：
  - 当前页面路径: getCurrentPages
  - wx.redirectTo()

```
// 状态码为 401 且请求的接口为 /refreshToken
if (config.url.includes('/refreshToken')) {
  // 获取当前页面地址，保证登录成功后跳转回来
  const pageStack = getCurrentPages()
  const currentPage = pageStack.pop()
  const redirectURL = currentPage.route

  // 跳转到登录页面
  return wx.redirectTo({
    url: '/pages/login/index?redirectURL=' + redirectURL,
  })
}
```

02

## 房屋管理

- 位置服务
- 添加房屋
- 房屋列表
- 删除房屋
- 编辑房屋

## 房屋管理 - 功能介绍

- 添加房屋
- 房屋列表
- 房屋详情
- 编辑房屋
- 删除房屋





## 享+生活 - 添加房屋（位置服务）

- 腾讯位置服务
  - 注册账号
  - 创建应用
  - 生成key
  - 小程序合法域名



## 享+生活 - 添加房屋（位置服务）

- 位置定位: `wx.getLocation`
- 实例化腾讯位置服务
- 地点搜索
- 逆地址解析
- 重新定位: `wx.chooseLocation`




## 享+生活 - 添加房屋（房屋信息）

- 获取小区名称：地址参数

```
onLoad({ point }) {  
  console.log(point)  
},
```

- 生成楼栋信息：假数据（仅用于上课学习）

```
fake(point) {  
  // 随机生成楼栋数  
  const size = Math.floor(Math.random() * 4) + 3  
  // 楼栋的名称 (xx号楼 / xx栋)  
  const type = size > 4 ? '号楼' : '栋'  
  // 渲染数据  
  this.setData({ size, type, point })  
},
```



The image shows a mobile app interface for adding house information. The title bar is "添加房屋信息" (Add House Information). The form is divided into sections: "房屋信息" (House Information) with a text input "北京西三旗花园1号楼 101"; "业主信息" (Owner Information) with fields for "姓名" (Name) with placeholder "请填写您的真实姓名", "性别" (Gender) with radio buttons for "男" (Male) and "女" (Female), and "手机号" (Mobile Number) with placeholder "请输入您的手机号"; and "本人身份证照片" (Personal ID Card Photo) with a placeholder "请拍摄证件原件，并使照片中证件边缘完整，文字清晰，光线均匀。". Below the photo section is a large image of a cartoon panda. At the bottom is a button labeled "提交审核" (Submit for Review).

## 享+生活 - 添加房屋（检测登录）

- 应用 **authorization** 组件

```
<!-- 使 authorization 作为根节点 -->
<authorization>
  <view class="locate">...
</view>
</authorization>
```

- 覆盖生命周期：onLoad 和 onShow

```
// 获取页面栈
const pageStack = getCurrentPages()
// 获取页面路径
const currentPage = pageStack.pop()

if (!isLogin) {
  // 使用函数体为空的函数，覆盖掉原来的生命周期 onLoad onShow
  currentPage.onLoad = () => {}
  currentPage.onShow = () => {}
  // 未登录的情况下跳转到登录页面
  wx.redirectTo({
    url: '/pages/login/index?redirectURL=' + currentPage.route,
  })
}
```



The image shows a mobile app interface for adding house information. The title bar at the top says "添加房屋信息" (Add House Information). Below the title bar, there are sections for "房屋信息" (House Information) and "业主信息" (Owner Information). The "房屋信息" section contains a text input field with the value "北京西三旗花园1号楼 101". The "业主信息" section contains three text input fields: "姓名" (Name) with the placeholder "请填写您的真实姓名" (Please fill in your real name), "性别" (Gender) with radio buttons for "男" (Male) and "女" (Female), and "手机号" (Mobile Number) with the placeholder "请输入您的手机号" (Please enter your mobile number). Below these sections is a section for "本人身份证照片" (ID Card Photo) with the instruction "请拍摄证件原件，并使照片中证件边缘完整，文字清晰，光线均匀。" (Please take the original ID card photo, and make the ID card edges complete, text clear, and light even in the photo). Below the instruction is a photo of a cartoon panda. At the bottom of the form is a button labeled "提交审核" (Submit for Review).

## 享+生活 - 添加房屋（表单验证）

- 验证表单数据
  - 验证插件: `wechat-validate`
  - 获取数据: `model:value`
  - 验证规则: `rules`
  - 提交审核
- 获取房屋信息: 地址参数

```
onLoad({ point, building, room }) {  
  // 渲染数据  
  this.setData({ point, building, room })  
},
```



The image shows a mobile application interface for adding house information. The title bar at the top says "添加房屋信息" (Add House Information). The form is divided into sections: "房屋信息" (House Information) with a text input for "北京西三旗花园1号楼 101"; "业主信息" (Owner Information) with fields for "姓名" (Name) with placeholder "请填写您的真实姓名", "性别" (Gender) with radio buttons for "男" (Male) and "女" (Female), and "手机号" (Mobile Number) with placeholder "请输入您的手机号"; and "本人身份证照片" (ID Card Photo) with a placeholder "请拍摄证件原件，并使照片中证件边缘完整，文字清晰，光线均匀。". Below the photo section is a large image of a cartoon panda. At the bottom is a button labeled "提交审核" (Submit for Review).

## 享+生活 - 添加房屋（上传图片）

- 区分图片类型：正面/反面
- 打开相册/拍照：wx.chooseMedia

```
// 上传身份证照片
async uploadPicture(ev) {
  // 区分照片类型（正面/反面）
  const type = ev.mark.type

  try {
    // 打开相册/拍照
    const media = await wx.chooseMedia({
      count: 1,
      mediaType: ['image'],
      sizeType: ['compressed'],
    })
  } catch (err) {
    // 获取图片失败
    console.log(err)
  }
},
```



## 享+生活 - 添加房屋（上传图片）

- 调用接口：
  - 接口路径：POST /upload
  - 请求参数：name: 'file'
  - 自定义头信息：Authorization
  - 响应结果：

```
▼ {code: 10000, message: "æ ä½ æ å ", data: {id: "6883386237988864",...}}
  code: 10000
  ▼ data: {id: "6883386237988864",...}
    id: "6883386237988864"
    url: "http://yjy-teach-oss.oss-cn-beijing.aliyuncs.com/livimini/production/202"
    message: "æ ä½ æ å "
```

```
// 调用接口上传图片
wx.uploadFile({
  url: wx.http.baseUrl + '/upload',
  filePath: media.tempFiles[0].tempFilePath,
  name: 'file',
  header: {
    Authorization: 'Bearer ' + getApp().token,
  },
  success: (res) => {
    // 转换 json 数据
    const data = JSON.parse(res.data)
    // 检测接口调用结果
    if (data.code !== 10000) return wx.utils.toast('上传图片失败!')
    // 保存并预览图片地址
    this.setData({
      [type]: data.data.url,
    })
  },
})
```

## 享+生活 - 添加房屋（提交表单）

- 调用接口：
  - 接口路径：POST /room
  - 请求参数：见文档
  - 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {id: "6883644296998912"}}
  code: 10000
  ▼ data: {id: "6883644296998912"}
    id: "6883644296998912"
    message: "操作成功"
```

```
// 提交审核
async submitForm() {
  // 验证数据
  if (!this.validate()) return

  // 获取全部的数据（剔除可能多余的 __webviewId__）
  const { __webviewId__, ...data } = this.data
  // 调用接口提交数据
  const { code } = await wx.http.post('/room', data)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast('提交数据失败!')
  // 回退到房屋列表页
  wx.navigateBack({ delta: 4 })
},
```



## 享+生活 - 房屋列表

- 检测登录：authorization 组件
- 调用接口：
  - 接口路径：GET /room
  - 请求参数：无
  - 响应结果：

```
▼ {code: 10000, message: "操作成功",...}
  code: 10000
  data: [{building: "2栋", point: "恩泽园小区", id: "6883652475736064", name: "2栋"},
    ► 0: {building: "2栋", point: "恩泽园小区", id: "6883652475736064", name: "2栋"},
    ► 1: {building: "3号楼BC", point: "恩泽园小区", id: "6883651534868480", name: "3号楼BC"},
    ► 2: {building: "3号楼BC", point: "恩泽园小区", id: "6883651523846144", name: "3号楼BC"},
    ► 3: {building: "2栋", point: "恩泽园小区", id: "6883644296998912", name: "2栋"},
    ► 4: {building: "3号楼BC", point: "恩泽园小区", id: "6883642663841792", name: "3号楼BC"},
    ► 5: {building: "3号楼BC", point: "恩泽园小区", id: "6883642121871360", name: "3号楼BC"},
    message: "操作成功"
```

```
onShow() {
  // 获取用户的房屋列表
  this.getHouseList()
},

// 房屋列表接口
async getHouseList() {
  // 调用接口
  const { code, data: houseList } = await wx.http.get('/room')
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({
    houseList,
    isEmpty: houseList.length === 0,
  })
},
```

## 享+生活 - 房屋详情

- 获取房屋ID: 地址参数
- 调用接口:
  - 接口路径: GT /room{id}
  - 请求参数: id
  - 响应结果:

```
▼ {code: 10000, message: "操作成功",...}
  code: 10000
  ▼ data: {building: "2栋", point: "恩泽园小区", id: "6883652475736064",
    building: "2栋"
    gender: 1
    id: "6883652475736064"
    idcardBackUrl: "http://yjy-teach-oss.oss-cn-beijing.aliyuncs.com/
    idcardFrontUrl: "http://yjy-teach-oss.oss-cn-beijing.aliyuncs.com
    mobile: "14212345678"
    name: "李四"
    point: "恩泽园小区"
    room: "1101"
    status: 2
    message: "操作成功"
```

```
onLoad({ id }) {
  // 获取房屋详情
  this.getHouseDetail(id)
},
// 房屋详情接口
async getHouseDetail(id) {
  if (!id) return
  // 调用接口
  const { code, data: houseDetail } = await wx.http.get('/room/' + id)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({ houseDetail })
},
```

## 享+生活 - 编辑房屋

- 获取房屋ID: 地址参数
- 调用接口:
  - 接口路径: GT /room{id}
  - 请求参数: id
  - 响应结果:

```
▼ {code: 10000, message: "操作成功",...}
  code: 10000
  ▼ data: {building: "2栋", point: "恩泽园小区", id: "6883652475736064",
    building: "2栋"
    gender: 1
    id: "6883652475736064"
    idcardBackUrl: "http://yjy-teach-oss.oss-cn-beijing.aliyuncs.com/
    idcardFrontUrl: "http://yjy-teach-oss.oss-cn-beijing.aliyuncs.com
    mobile: "14212345678"
    name: "李四"
    point: "恩泽园小区"
    room: "1101"
    status: 2
    message: "操作成功"
```

```
onLoad({ point, building, room, id }) {
  // 如果地址中有 id 参数表明是编辑的操作
  if (id) return this.getHouseDetail(id)
  // 否则为添加房屋 (渲染数据)
  this.setData({ point, building, room })
},
// 房屋详情接口
async getHouseDetail(id) {
  // 调用接口
  const { code, data: houseDetail } = await wx.http.get('/room/' + id)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 渲染数据
  this.setData({ ...houseDetail })
},
```

## 享+生活 - 删除房屋

- 组件交互：
  - van-swipe-cell
  - van-dialog
- 调用接口：
  - 接口路径：DELETE /room{id}
  - 请求参数：id
  - 响应结果：

```
▼ {code: 10000, message: "操作成功", data: {id: "6883642121871360"}}
  code: 10000
  ▼ data: {id: "6883642121871360"}
    id: "6883642121871360"
    message: "操作成功"
```

```
// 删除房屋
async deleteHouse() {
  if (!this.cellId) return wx.utils.toast('参数有误!')
  // 调用接口
  const { code } = await wx.http.delete('/room/' + this.cellId)
  // 检测接口是否调用成功
  if (code !== 10000) return wx.utils.toast()
  // 在AppData中将删除的房屋从数组中移除
  this.data.houseList.splice(this.cellIndex, 1)
  // 数据渲染
  this.setData({
    houseList: this.data.houseList,
    isEmpty: this.data.houseList.length === 0,
  })
},
```



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