

微信接口开发公众号开发经验分享

——接口开发案例代码

😊 微信媒体图片下载

```
string mediaid=;//上传素材得到的 mediaid

string accesstoken=wxAPI.GetAccessTokenCachesql();

string
url="http://file.api.weixin.qq.com/cgi-bin/media/get?access_token="+accesstoken+"&media_id="+mediaid;

WebClient MyClient = new WebClient();

MyClient.DownloadFile(url, Server.MapPath("UpFiles/" + mediaid + ".jpg")); //保存临时图片
```

😊 公众号微支付接口操作步骤

- 1.支付配置，如下面一笑脸所讲
- 2.通过统一下单返回返回 `prepay_id`，即将订单信息提交给统一下单接口，并返回支付接口给的统一支付 ID 即 `prepay_id`，其中 `payback.aspx` //支付成功回调地址或是支付成功处理页面

例如：

```
string sql = "select * from shop_jiayuan_paylist where order_sn=" + ordersn + " ";

Socut.Reader dr = new Socut.Reader(sql);

string stuid = "", SemesterID = "";

string oldpayid = "", oldpayidDT = " ";
```

```
if (dr.Read())
```

```
{
```

```
    stuid = dr["stuid"].ToString().Trim();
```

```
    jiayuanmoney = dr["money"].ToString().Trim();
```

```
    totalprice = jiayuanmoney; //支付总金额
```

```
    SemesterID = dr["SemesterID"].ToString().Trim();
```

```
    ispay = dr["ispay"].ToString().Trim();
```

```
    oldpayid = dr["payid"].ToString().Trim();
```

```
    oldpayidDT = dr["getpayidDT"].ToString().Trim();
```

```
    orderid = dr["id"].ToString().Trim();
```

```
}
```

```
dr.Close();
```

```
xq = Socut.Data.ExecuteScalar("select SemesterName from Semester where SemesterID=" +
```

```
SemesterID).ToString().Trim();
```

```
stuname = Socut.Data.ExecuteScalar("select stuname from student where stuid=" +
```

```
stuid).ToString().Trim();
```

```
//开始获取统一下单 payID
```

```
if (ispay == "0")
```

```
{
```

```
    //判断 oldpayid 的时效,
```

```
    if (oldpayidDT != "")
```

```
    {
```

```
        DateTime olddt = Convert.ToDateTime(oldpayidDT);
```

```
        DateTime nowdt = DateTime.Now;
```

```
        if (olddt.AddMinutes(100) < nowdt)//表示此 payid 已过期需要重新获取
```

```
        {
```

```
            oldpayid = "";
```

```
        }
```

```
    }
```

```
//还未支付，调起支付接口-----
```

```
if (ispay == "0")
```

```
{
```

```
    string URL = "https://api.mch.weixin.qq.com/pay/unifiedorder";
```

```
    StringBuilder sbXml = new StringBuilder();
```

```
    // Response.Write("<xml><appid>123</appid></xml>"); return;
```

```
    string xmlattach = "pay";
```

```
    string dealbody = "订单支付: " + ordersn;
```

```
    string dealdetail = "支付订单号: " + ordersn;
```

```
    string notify_url = "http://" + XPFunction.GetAppKey("domain") + "/jiayuan/payback.aspx"; //支
```

付成功回调地址或是支付成功处理页面

```
    string paywxh = wxh;
```

```
    string payOrderNO = ordersn; //订单号
```

```
    string paymoney = Convert.ToString((int)(Convert.ToDouble(totalprice) * 100)); //以分为单位的支
```

付金额

```
    if (oldpayid == "") //oldpayid == ""未获取过 payid 或已经过期
```

```
{
```

```
sbXml.AppendLine(@"<xml>");
```

```
sbXml.AppendLine(@"<appid><![CDATA[" + wxAPI.AppID + "]]></appid>");
```

```
sbXml.AppendLine(@"<attach><![CDATA[" + xmlattach + "]]></attach>");//附加数据, 在查询
```

API 和支付通知中原样返回, 该字段主要用于商户携带订单的自定义数据

```
sbXml.AppendLine(@"<body><![CDATA[" + dealbody + "]]></body>");//商品或支付单简要
```

描述

```
sbXml.AppendLine(@"<detail><![CDATA[" + dealdetail + "]]></detail>");//商品名称明细列表
```

```
sbXml.AppendLine(@"<mch_id>" + wxAPI.MCH_ID + "</mch_id>");//商户号
```

```
sbXml.AppendLine(@"<nonce_str><![CDATA[" + wxAPI.nonceStr + "]]></nonce_str>");//
```

随机字符串

```
sbXml.AppendLine(@"<notify_url><![CDATA[" + notify_url + "]]></notify_url>");//回调地址
```

```
sbXml.AppendLine(@"<openid><![CDATA[" + paywxh + "]]></openid>");//发起支付的用户
```

OPENID

```
sbXml.AppendLine(@"<out_trade_no>" + payOrderNO + "</out_trade_no>");//商户订单号
```

自己设定不得重复, 二次支付时使用同一单号

```
sbXml.AppendLine(@"<spbill_create_ip><![CDATA[" + XPFunction.GetClientIP() +
```

```
"]]></spbill_create_ip>");
```

```
sbXml.AppendLine(@"<total_fee>" + paymoney + "</total_fee>"); //订单总金额 单位为分
```

只能提交整数

```
sbXml.AppendLine(@"<trade_type><![CDATA[JSAPI]]></trade_type>"); //接口调用类型
```

```
////获取统一下单 sign-----
```

```
string[] arrtmp = new string[12];
```

```
arrtmp[0] = "appid=" + wxAPI.AppID;
```

```
arrtmp[1] = "attach=" + xmlattach;
```

```
arrtmp[2] = "body=" + dealbody;
```

```
arrtmp[3] = "mch_id=" + wxAPI.MCH_ID;
```

```
arrtmp[4] = "nonce_str=" + wxAPI.nonceStr;
```

```
arrtmp[5] = "notify_url=" + notify_url;
```

```
arrtmp[6] = "openid=" + paywxh;
```

```
arrtmp[7] = "out_trade_no=" + payOrderNO; //支付订单号
```

```
arrtmp[8] = "spbill_create_ip=" + XPFunction.GetClientIP();
```

```
arrtmp[9] = "total_fee=" + paymoney;
```

```
arrtmp[10] = "trade_type=JSAPI";
```

```
arrtmp[11] = "detail=" + dealdetail;
```

```
Array.Sort(arrtmp);
```

```
string tmpStr = string.Join("&", arrtmp);
```

```
tmpStr = tmpStr + "&key=" + wxAPI.APIkey;
```

```
string sign = XPFunction.MD5(tmpStr).ToUpper();
```

```
////获取统一下单 sign-----
```

```
sbXml.AppendLine(@"<sign>" + sign + "</sign>");
```

```
sbXml.AppendLine(@"</xml>");
```

```
//读取 payid
```

```
DataSet ds = new DataSet();
```

```
ds.ReadXml(wxAPI.PostWebRequestStream(URL, sbXml.ToString()));
```

```
//Response.Write(ds.Tables[0].Rows[0][0].ToString().Trim().ToUpper());
```

```
if (ds.Tables[0].Rows[0][0].ToString().Trim().ToUpper() == "SUCCESS")
```

```
{
```

```
if (ds.Tables[0].Rows[0][6].ToString().Trim().ToUpper() == "SUCCESS")
```

```
{
```

```
    PAYID = ds.Tables[0].Rows[0][7].ToString(); //读取 payid
```

```
    Socut.Data.ExecuteNonQuery("update shop_jiayuan_paylist set payid='" + PAYID +
```

```
    ",getpayidDT='" + DateTime.Now.ToString() + "' where id=" + orderid); //记录此订单的支付 ID, 二次调用时不再重
```

新获取

```
    }
```

```
}
```

```
else
```

```
{
```

```
    PAYID = ""; //获取失败
```

```
}
```

```
}
```

```
else
```

```
{
```

```
    PAYID = oldpayid;
```

```
}
```



```
if (PAYID != "")

{

    ///获取支付接口的 sign-----

    string[] arrtmp2 = new string[5];

    arrtmp2[0] = "appId=" + wxAPI.AppID;

    arrtmp2[1] = "timeStamp=" + wxAPI.timestamp;

    arrtmp2[2] = "nonceStr=" + wxAPI.nonceStr;

    arrtmp2[3] = "package=prepay_id=" + PAYID;

    arrtmp2[4] = "signType=MD5";

    Array.Sort(arrtmp2);

    string tmpStr2 = string.Join("&", arrtmp2);

    tmpStr2 = tmpStr2 + "&key=" + wxAPI.APIkey;

    WXPaysign = XPFunction.MD5(tmpStr2).ToUpper();

    ///获取支付接口的 sign-----

}
```

```

else //支付接口调用失败

{

    WXPaysign = "";

}

}

}

```

3. 通过调用 JS 接口 `wx.chooseWXPay` 接口调用方法如下：支付按钮 `wxpay`,单击时执行 `savepay2()` 的方法

```
<input id="wxpay" name="wxpay" type="button" value="立即支付" onclick="savepay2();" />
```

```

function savepay2() {

    var signtxt = '<%=WXPaysign%>';

    if (signtxt == "")

    {

        alert("支付失败,请重试! ");

        return;
    }
}

```

```
}
```

```
//微信支付
```

```
wx.chooseWXPAY({
```

```
    timestamp: '<%=wxAPI.timestamp%>', // 支付签名时间戳，注意微信 jssdk 中的所有使用
```

timestamp 字段均为小写。但最新版的支付后台生成签名使用的 timeStamp 字段名需大写其中的 S 字符

```
    nonceStr: '<%=wxAPI.nonceStr%>', // 支付签名随机串，不长于 32 位
```

```
    package: 'prepay_id=<%=PAYID%>', // 统一支付接口返回的 prepay_id 参数值，提交格式如：
```

```
prepay_id=***)
```

```
    signType: 'MD5', // 签名方式，默认为'SHA1'，使用新版支付需传入'MD5'
```

```
    paySign: '<%=WXPaySign%>', // 支付签名
```

```
    success: function (res) {
```

```
        // 支付成功后的回调函数
```

```
        alert("支付成功！");
```

```
        location.href = "uorderdetail.aspx?orderid=<%=orderid%>";
```

```
    }
```

```
});
```

```
};
```

😊 公众平台支付接口配置

微信支付

数据概览 订单流水 商户信息 **开发配置** 维权仲裁 使用教程

支付配置

支付授权目录 <http://mp.weixin.qq.com/bizmall/>

支付请求类型 JS API网页支付 Native原生支付

共享收货地址 是

😊 微信模板消息发送

```
public static string sendJifenMBmessage(string wxh,string usernickname,string url,string jftype,string jfdesc,string jf)
```

```
{
```

```
    string posturl = "https://api.weixin.qq.com/cgi-bin/message/template/send?access_token=" +  
    wxAPI.GetAccessTokenCachesql();
```

```

string sendcode = "";

string tozhangguimsg = "；立即成为掌柜，可以积分翻倍，你现在是小二，离掌柜还差一步之遥";

string iszhanggui = Socut.Data.ExecuteScalar("select iszhanggui from wxuser where wxh=" + wxh +
""").ToString().Trim();

string jfsum = Socut.Data.ExecuteScalar("select jf from wxuser where wxh=" + wxh +
""").ToString().Trim();

if(iszhanggui=="1")

{

    tozhangguimsg = ""; //1 表示已经是掌柜，无须再提示此信息

}

```

```

sendcode+="{\"touser\": \"\"+wxh+\"\", \"";

    sendcode+="{\"template_id\": \"NklcfxbaOuDRxflfaVoi_vNDjwGQtHkQdWpM9EGyP4A\", \"";

    sendcode+="{\"url\": \"\"+url+\"\", \"";

    sendcode+="{\"topcolor\": \"#FF0000\", \"";

    sendcode+="{\"data\": {\"";

        sendcode+="{\"first\": {\"";

            sendcode+="{\"value\": \"\"+jfdesc+\"\", \"";

            sendcode+="{\"color\": \"#ff0000\"}, \"";

        sendcode+="{\"account\": {\"";

            sendcode+="{\"value\": \"\"+username+\"\", \"";

            sendcode+="{\"color\": \"#173177\"}, \"";

        sendcode += \"{\"time\": {\"";

```

sendcode += "\"value\":" + DateTime.Now.ToLongDateString() + "\",\"";

sendcode += "\"color\":" + "#173177\"\",\"";

sendcode += "\"type\":" + "{";

sendcode += "\"value\":" + jftype + "\",\"";

sendcode += "\"color\":" + "#173177\"\",\"";

sendcode += "\"creditChange\":" + "{";

sendcode += "\"value\":" + "到账\",\"";

sendcode += "\"color\":" + "\"\",\"";

sendcode += "\"number\":" + "{";

sendcode += "\"value\":" + "jf+\"\",\"";

sendcode += "\"color\":" + "#173177\"\",\"";

sendcode += "\"creditName\":" + "{";

sendcode += "\"value\":" + "积分\",\"";

sendcode += "\"color\":" + "\"\",\"";

sendcode += "\"amount\":" + "{";

sendcode += "\"value\":" + jfsum + "\",\"";

sendcode += "\"color\":" + "#173177\"\",\"";

sendcode += "\"remark\":" + "{";

```
sendcode += "\"value\":"你也可以点击下方菜单-我的账户，随时提出账户余额  
"+tozhangguimsg+"\"";
```

```
sendcode+="\"color\":"#173177\"";
```

```
sendcode+="}";
```

```
string retxt = wxAPI.PostWebRequest(posturl, sendcode);
```

```
return retxt;
```

```
//return sendcode;
```

```
}
```

微信 JS 接口【自定义分享等】接入

1. 导入名称空间

```
using System.Text.RegularExpressions;
```

```
using System.IO;
```

```
using System.Text;
```

```
using System.Net;
```

```
$(document).ready(function () {
```

```
var timtmp = $("#L_timestamp").text();
```

```
var signature0 = $("#L_signature").text();

var appid0 = $("#L_appid").text();//L_appid
```

```
wx.config({
```

debug: false, // 开启调试模式,调用的所有 api 的返回值会在客户端 alert 出来,若要查看传入的参数,可以在 pc 端打开,参数信息会通过 log 打出,仅在 pc 端时才会打印。

```
  appId: appid0, // 必填,公众号的唯一标识
```

```
  timestamp: timtmp, // 必填,生成签名的时间戳
```

```
  nonceStr: 'abc', // 必填,生成签名的随机串
```

```
  signature: signature0, // 必填,签名,见附录 1
```

```
  jsApiList: ["onMenuShareTimeline", "onMenuShareAppMessage", "hideMenuItems",
"showMenuItems"] // 必填,需要使用的 JS 接口列表,所有 JS 接口列表见附录 2
```

```
});
```

```
wx.ready(function () {
```

```
  //隐藏的菜单项
```

```
  wx.hideMenuItems({
```

menuList: ["menuItem:exposeArticle", "menuItem:share:qq"] // 要隐藏的菜单项,所有 menu 项见附录 3

```
  });
```

```
  //显示的菜单项
```

```
  wx.showMenuItems({
```


项见附录 3

```
menuList: ["menuItem:profile", "menuItem:addContact"] // 要显示的菜单项，所有 menu

});

//alert("恭喜您，成功啦!");

var sharetitle = $("#L_title").text();//分享标题

var sharelink = $("#L_url").text();//分享的链接

var shareimgUrl = $("#L_imgurl").text();//分享的图标

var sharedesc = $("#L_desc").text(); //分享给朋友的描述

//分享到朋友圈

wx.onMenuShareTimeline({

    title: sharetitle, // 分享标题

    link: sharelink, // 分享链接

    imgUrl: shareimgUrl, // 分享图标

    success: function () {

        alert("分享好了");

        // 用户确认分享后执行的回调函数

    },

    cancel: function () {

        alert("没分享哟");

        // 用户取消分享后执行的回调函数

    }

});
```

```
wx.onMenuShareAppMessage({  
    title: sharetitle, // 分享标题  
    desc: sharedesc, // 分享描述  
    link: sharelink, // 分享链接  
    imgUrl: shareimgUrl, // 分享图标  
    type: "", // 分享类型,music、video 或 link，不填默认为 link  
    dataUrl: "", // 如果 type 是 music 或 video，则要提供数据链接，默认为空  
    success: function () {  
        alert("分享好了");  
        // 用户确认分享后执行的回调函数  
    },  
    cancel: function () {  
        alert("没分享哟");  
        // 用户取消分享后执行的回调函数  
    }  
});  
  
});  
  
wx.error(function (res) {  
    alert("配置失败");  
  
});
```

```
});
```

后台代码 CS

//获取 wx.config 中的 signature

```
protected string GetSignature()
{
    string Signature = "";

    string noncestr = "abc";//该值可自定义，但必须与 wx.config 中的 noncestr 相同

    string url = Request.Url.ToString().Trim();

    string s1 = "jsapi_ticket=" + GetTicket() + "&noncestr=" + noncestr + "×tamp=" +
this.L_timestamp.Text.Trim() + "&url="+url;

    Signature= FormsAuthentication.HashPasswordForStoringInConfigFile(s1, "SHA1");

    return Signature;
}
```

//获取 JS 接口的接入验证 Ticket，此方法需要用到 access_token

```
protected string GetTicket()
{
    string REticket = "";

    string sql = "select top 1 * from menus where aid=1";
```

```

string APPID = "", APPSERT = "";wxde3d0d437861ace2    1aba1b327fd3c0fb305264947a939caa

Socut.Reader dr = new Socut.Reader(sql);

if (dr.Read())

{

    APPID = dr["Appid"].ToString().Trim();

    APPSERT = dr["AppSert"].ToString().Trim();

}

dr.Close();


string ticket = "", ticket_dt = "";

ticket = Socut.Data.ExecuteScalar("select ticket from accesstoken where id=1").ToString().Trim();

ticket_dt = Socut.Data.ExecuteScalar("select ticket_dt from accesstoken where id=1").ToString().Trim();

DateTime tickolddt = Convert.ToDateTime(ticket_dt);

if (tickolddt.AddSeconds(7100) < DateTime.Now)

{

    string acctoken = "", tokendt = "";

    acctoken = Socut.Data.ExecuteScalar("select accesstoken from accesstoken where

id=1").ToString().Trim();

    tokendt = Socut.Data.ExecuteScalar("select dt from accesstoken where id=1").ToString().Trim();

    DateTime olddt = Convert.ToDateTime(tokendt);

    if (olddt.AddSeconds(7100) < DateTime.Now)

    {

        string accton = GetAccessToken(APPID, APPSERT);

        acctoken = accton.Substring(accton.IndexOf("\":"") + 3, accton.IndexOf("\",\":"") -

accton.IndexOf("\":"") - 3);

```

```
        Socut.Data.ExecuteNonQuery("update accesstoken set getcount=getcount+1, accesstoken='" +  
acctoken + "',dt='" + DateTime.Now.ToString() + "' where id=1");  
    }
```

```
//Response.Write(acctoken);
```

```
//return "abcccc";
```

```
////[[[GET 提交方法]]]开始获取 ticket
```

```
    HttpWebRequest req =  
(HttpWebRequest)HttpWebRequest.Create("https://api.weixin.qq.com/cgi-bin/ticket/getticket?access_token  
="+acctoken+"&type=jsapi");
```

```
    req.Method = "GET";
```

```
    System.Net.HttpWebResponse response = (System.Net.HttpWebResponse)req.GetResponse();
```

```
    Stream responseStream = response.GetResponseStream();
```

```
    StreamReader readStream = new StreamReader(responseStream, System.Text.Encoding.UTF8);
```

```
    string retext = readStream.ReadToEnd().ToString();
```

```
    readStream.Close();
```

```
    if (retext.IndexOf("access_token expired")>=0) //access_token 过期
```

```
{
```

```
    string accton = GetAccessToken(APPID, APPSECRET);
```

```
    acctoken = accton.Substring(accton.IndexOf("\":"") + 3, accton.IndexOf("\",\":"") -  
accton.IndexOf("\":"") - 3);
```

```
        Socut.Data.ExecuteNonQuery("update accesstoken set getcount=getcount+1, accesstoken='" +  
acctoken + "',dt='" + DateTime.Now.ToString() + "' where id=1");
```

```

        req =
(HttpWebRequest)HttpWebRequest.Create("https://api.weixin.qq.com/cgi-bin/ticket/getticket?access_token
=" + acctoken + "&type=jsapi");

        req.Method = "GET";

        response = (System.Net.HttpWebResponse)req.GetResponse();

        responseStream = response.GetResponseStream();

        readStream = new StreamReader(responseStream, System.Text.Encoding.UTF8);

        retext = readStream.ReadToEnd().ToString();

        readStream.Close();

    }

    REticket = retext.Substring(retext.IndexOf("ticket") + 9, retext.IndexOf("\",\"expires_in") -
(retext.IndexOf("ticket") + 9)); ;

    Socut.Data.ExecuteNonQuery("update accesstoken set getticketCount=getticketCount+1, ticket=\""
+ REticket + "\",dt=\"" + DateTime.Now.ToString() + "\" where id=1");

}

else

{

    REticket = ticket;

}

return REticket;

}

```



给用户发送及时信息

注：此功能需要获取 **ACCESSTOKEN** 的方法加入

1.定义下面的方法两个参数，一个提交 URL，一个发送信息的完整 JSON

```
private string PostWebRequest(string postUrl, string msgInfo)

{
    string returnValue = string.Empty;

    try
    {
        byte[] byteData = Encoding.UTF8.GetBytes(msgInfo);

        Uri uri = new Uri(postUrl);

        HttpWebRequest webReq = (HttpWebRequest)WebRequest.Create(uri);

        webReq.Method = "POST";

        webReq.ContentType = "application/x-www-form-urlencoded";

        webReq.ContentLength = byteData.Length;

        //定义 Stream 信息

        Stream stream = webReq.GetRequestStream();

        stream.Write(byteData, 0, byteData.Length);

        stream.Close();

        //获取返回信息

        HttpWebResponse response = (HttpWebResponse)webReq.GetResponse();

        StreamReader streamReader = new StreamReader(response.GetResponseStream(),
Encoding.Default);

        returnValue = streamReader.ReadToEnd();

        //关闭信息

        streamReader.Close();
```

```

        response.Close();

        stream.Close();
    }

    catch (Exception ex)
    {
        //lblResult.Text = ex.ToString();
    }

    return returnValue;
}

```

2.开始发送

```
string postUrl = "https://api.weixin.qq.com/cgi-bin/message/custom/send?access_token={0}";
```

//获取 ACESSTOKEN 此处是将 ACESSTOKEN 放在数据库中，避免获取次数过多

```
string sql = "select top 1 * from menus where aid=1";
```

```
string APPID = "", APPSER = ""; //wxde3d0d437861ace2 1aba1b327fd3c0fb305264947a939caa
```

```
Socut.Reader dr = new Socut.Reader(sql);
```

```
if (dr.Read())
```

```
{
```

```
    APPID = dr["Appid"].ToString().Trim();
```

```
    APPSERT = dr["AppSert"].ToString().Trim();
```

```
}
```

```
dr.Close();
```



```

string acctoken = "", tokendt = "";

acctoken = Socut.Data.ExecuteScalar("select accesstoken from accesstoken where
id=1").ToString().Trim();

tokendt = Socut.Data.ExecuteScalar("select dt from accesstoken where id=1").ToString().Trim();

DateTime olddt = Convert.ToDateTime(tokendt);

if (olddt.AddSeconds(7100) < DateTime.Now)

{

    string accton = GetAccessToken(APPID, APPSERT);

    acctoken = accton.Substring(accton.IndexOf("\":"") + 3, accton.IndexOf("\","") -
accton.IndexOf("\":"") - 3);

    Socut.Data.ExecuteNonQuery("update accesstoken set accesstoken="" + acctoken + "",dt="" +
DateTime.Now.ToString() + "" where id=1");

}

```

//获取 ACESSTOKEN-END

```

postUrl = string.Format(postUrl,acctoken);

string senduseropenid = "oYPoNuE4gBo39dfpxQdMdiUfUCfs"; //要发送信息用户的 OPENID

string sendMsg = this.Txt_msg.Text.Trim();    //要发送的内容

string menuInfo = "{ \"touser\": \"\"+senduseropenid+\"\", ";

menuInfo += "\"msgtype\": \"text\", ";

menuInfo += "\"text\": { \"content\": \"\"+sendMsg+\"\" } }";

lblResult.Text = "执行结果: " + PostWebRequest(postUrl, menuInfo);

```



微信通过网页获得访问用户的 OPENID，详细参数微信接口文档

注：需要公众平台开发模式下设置（OAuth2.0 网页授权（仅关注者才能授权））

1. 导入名称空间

```
using System.Text.RegularExpressions;
using System.IO;
using System.Text;
using System.Net;
```

2. 建立一个获取页面如 getopenid.aspx，通过该页面获取 code，后台代码如下

```
string getcodeurl = "https://open.weixin.qq.com/connect/oauth2/authorize"; //获取 code 的提交地址
string APPID = "", APPSECRET = ""; //wxde3d0d437861ace2 1aba1b327fd3c0fb305264947a939caa
string tmpurl = XPFFunction.RequestQueryString("frompage", 1, 0); // "http://" +
XPFFunction.GetAppKey("domain").Trim() + "/outview.aspx?cid=123";
string reurl = Server.UrlEncode(tmpurl);
getcodeurl += "?appid=" + APPID + "&redirect_uri=" + reurl +
"&response_type=code&scope=snsapi_base&state=0#wechat_redirect";
Response.Redirect(getcodeurl); //定向到该页面，获取 code 后将值用 get 的方法返回到 redirect_uri 所指定的页面
```

3. 在需要 OPENID 的页面按下面的方法访问

```
if (XPFFunction.RequestQueryString("state").Trim() == "") //正确获取 code 后会带此参数返回到该页面，为空表示还没有获取 code
{
    string nowurl = Server.UrlEncode(Request.Url.ToString()); //获取 code 后需要返回的页面，一般就是需要 OPENID 的页面
    Response.Redirect("getopenid.aspx?frompage=" + nowurl); //frompage 是获取 code 要跳转的页面
}
else
{
    string code = XPFFunction.RequestQueryString("code", 1, 0); //正确获取 code 会带此参数
    string txt = GetViewUserOpenid(code); //这里得到的是 json
    string wxuserOPid = txt.Substring(txt.IndexOf("openid") + 9, txt.IndexOf("\", \"scope") - (txt.IndexOf("openid") + 9));
}
```

//未关注访问页面获取用户的 OPENID

```
protected string GetViewUserOpenid(string CODE)
{
    //[[[GET 提交方法]]]
    string APPID = "", APPSECRET = ""; //wxde3d0d437861ace2 1aba1b327fd3c0fb305264947a939caa

    string Gettouri = "https://api.weixin.qq.com/sns/oauth2/access_token";
    Gettouri += "?appid=" + APPID + "&secret=" + APPSECRET + "&code=" + CODE + "&grant_type=authorization_code";
    HttpWebRequest req = (HttpWebRequest)HttpWebRequest.Create(Gettouri);
```

```
req.Method = "GET";  
System.Net.HttpWebResponse response = (System.Net.HttpWebResponse)req.GetResponse();  
Stream responseStream = response.GetResponseStream();  
StreamReader readStream = new StreamReader(responseStream, System.Text.Encoding.UTF8);  
string retext = readStream.ReadToEnd().ToString();  
readStream.Close();  
return retext;  
}
```

微信地理位置转百度坐标

说明：微信地理位置得到的坐标纬度和经度与 **GOOGLE** 地图坐标一样的。

调用下面的地址，将微信中获取的纬度和经度传入，即可得到坐标返回

如：{"Lng":105.90646263851085,"Lat":29.346114423612239} 得到百度地图坐标

- 参数 lat:纬度 lng:经

度 <http://api.zdoz.net/bd2wgs.aspx?lat=29.348829&lng=105.916504>

参考地址：

<http://api.zdoz.net/interfaces.aspx#gpsbd-link>



通过下面的 **POST** 或是 **GET** 取得返回串后，微信中取得用户的信息

例如：

注：需要公众平台开发模式下设置（OAuth2.0 网页授权（仅关注者才能授权））

//将获取到的 **OPENID** 放入数组中

```
string txtlist =
```

```
"{\"total\":20,\"count\":20,\"data\":{\"openid\":[\"oP-rijqPkO3yKp9JFifryTCRhDUU\",\"oP-rijlxSX3cpOrKLecjQ5IPt-_o\",\"oP-rijhOhvD-hQ-VOMDxXmJLMmuM\",\"oP-rijs071JqvtC-5ty2Rw3S6qkE\",\"oP-rijgpJYagNycfdv49KZM3xv0\",\"oP-rijoJt6xb4N1lrspNGBZXRjQ\",\"oP-rijqN4r2PQrGZILsxQ8HgWYDQ\",\"oP-rijjIbT_Sxaf5_7f2WKbZTFhQ\",\"oP-rijo8FHPLkv3ZgUMmVWZk7phs\",\"oP-riji7casxItuDfXzz8xatGAQs\",\"oP-rijuGv8BQLogmZn0BIcnrsMqE\",\"oP-rijo5fKwk1Hr86KfDch1RO82U\",\"oP-rijtPP58cLAmaCFaiF0YPwNQI\",\"oP-rijkPFTCott-nVwopd53zI9gw\",\"oP-rijvxkiXkoQkANH5EIB68HP50\",\"oP-rijixxjmUYIMm0DTe4-pOD6Ww\",\"oP-rijsTFG9wJwv5_iejCJ5vNcYg\",\"oP-rijvZxrdMA5o_bDlebQdmOcUk\",\"oP-rijlegSEyShkfnT_ByVGiyrnM\",\"oP-rijl9lZVPo4l4v6dU4vqNLle8\"]},\"next_openid\":\"oP-rijl9lZVPo4l4v6dU4vqNLle8\"}";
```

```
string temp = txtlist.Substring(txtlist.IndexOf("openid") + 9, txtlist.IndexOf("]},\"next_openid\") - (txtlist.IndexOf("openid") + 9));
```

```
temp = temp.Replace("\\\"", "");
```

```
string[] idlist = temp.Split(',');//将获取到的 appid 放到数组 idlist 中
```

```
Response.Write(idlist[2]); //输出其中的一个
```

//对获取到的用户信息进行格式化取出

```
string txt = "{\"subscribe\":1,\"openid\":\"oP-rijsTFG9wJwv5_iejCJ5vNcYg\",\"nickname\":\"日月王令\", \"sex\":2,\"language\":\"zh_CN\",\"city\":\"佳木斯\",\"province\":\"黑龙江\",\"country\":\"中国\", \"headimgurl\":\"http://wx.qlogo.cn/mmopen/UbX1KayPoJ1I5oFX3z79b4GIZl5hFHyqRTcKQwh0WI o5HibDiasicQPgECqoibY1GiaSZOqIG3UEruVEWGVhLIJPSpswMhic80iaiae/0\", \"subscribe_time\":1400635721,\"remark\":\"\"}";
```

```
string subscribe = txt.Substring(txt.IndexOf("subscribe") + 11, 1);

string openid = txt.Substring(txt.IndexOf("openid") + 9, txt.IndexOf("\",\"nickname") -
(txt.IndexOf("openid") + 9));

string nickname = txt.Substring(txt.IndexOf("nickname") + 11, txt.IndexOf("\",\"sex") -
(txt.IndexOf("nickname") + 11));

string sex = txt.Substring(txt.IndexOf("sex") + 5, 1);

string language = txt.Substring(txt.IndexOf("language") + 11, txt.IndexOf("\",\"city") -
(txt.IndexOf("language") + 11));

string city = txt.Substring(txt.IndexOf("city") + 7, txt.IndexOf("\",\"province") -
(txt.IndexOf("city") + 7));

string province = txt.Substring(txt.IndexOf("province") + 11, txt.IndexOf("\",\"country") -
(txt.IndexOf("province") + 11));

string country = txt.Substring(txt.IndexOf("country") + 10, txt.IndexOf("\",\"headimgurl") -
(txt.IndexOf("country") + 10));

string headimgurl = txt.Substring(txt.IndexOf("headimgurl") + 13,
txt.IndexOf("\",\"subscribe_time") - (txt.IndexOf("headimgurl") + 13));

string subscribe_time = txt.Substring(txt.IndexOf("subscribe_time") + 16,
txt.IndexOf("\",\"remark") - (txt.IndexOf("subscribe_time") + 16));

Response.Write(subscribe + "<br/>" + openid + "<br/>" + nickname + "<br/>" + sex +
"<br/>" + language + "<br/>" + city + "<br/>" + province + "<br/>" + country + "<br/>" +
subscribe_time + "<br/>");

this.Image1.ImageUrl = headimgurl;
```



asp.net 后台 POST 和 GET 提交方法。

下面以微信接口中获取 accesstoken 为例，分别用 POST 和 GET 两种方法获取，

后面还列出了获取用户 OPENID 列表和获取用户信息的方法。

注：返回为字符原样如

```
{"access_token":"ojlLO96KRYtgoyn5JGAwYB5YOOTpEHYqlr7UZivEGkSIbOTkp14wk9ZdsPcwcUAqbPC4A_cs0uyh8isUFIzVoQ","expires_in":7200}
```

真正的 accesstoken 还得截取字符串：

```
accton = accton.Substring(accton.IndexOf("\:") + 3, accton.IndexOf("\,") - accton.IndexOf("\:")-3);
```

提醒：若返回值中有/则默认的是返回'\V'表示一个'/'（例如微信接口开发中返回获取用户的基本信息有一项客户的头像，是一个 URL，其中就有"/"），需替换一下 `string retext = readStream.ReadToEnd().ToString().Replace("\V", "/");`

注：需引用名称空间

```
using System.Net;
using System.Text;
using System.IO;
```

// 获取 accesstoken

```
protected string GetAccessToken(string appid, string appsecret)
```

```
{
    ///[[[GET 提交方法]]]
    //HttpRequest req =
    (HttpRequest)HttpRequest.Create("https://api.weixin.qq.com/cgi-bin/token?grant_type=client_credential&appid="+appid+"&secret="+appsecret);
    //req.Method = "GET";
    //System.Net.HttpWebResponse response =
    (System.Net.HttpWebResponse)req.GetResponse();
    //Stream responseStream = response.GetResponseStream();
    //StreamReader readStream = new StreamReader(responseStream,
    System.Text.Encoding.UTF8);
    //string retext = readStream.ReadToEnd().ToString().Replace("\V", "/");
    //readStream.Close();
    //return retext;
```

```
///[[[POST 提交方法]]]
```

```
string param = "grant_type=client_credential&appid="+appid+"&secret="+appsecret; //post
```

参数

```

byte[] bs = Encoding.ASCII.GetBytes(param);
HttpRequest req =
(HttpRequest)HttpRequest.Create("https://api.weixin.qq.com/cgi-bin/token");
req.Method = "POST";
req.ContentType = "application/x-www-form-urlencoded";
req.ContentLength = bs.Length;
using (Stream reqStream = req.GetRequestStream())
{
    reqStream.Write(bs, 0, bs.Length);
    reqStream.Close();
}
using (System.Net.HttpWebResponse response =
(System.Net.HttpWebResponse)req.GetResponse())
{
    Stream responseStream = response.GetResponseStream();
    StreamReader readStream = new StreamReader(responseStream,
System.Text.Encoding.UTF8);
    string retext = readStream.ReadToEnd().ToString().Replace("\\", "/");
    readStream.Close();
    return retext;
}
}

```

//获取微信用户的 OPENID 列表，传入 accesstoken 即可

```

protected string GetWXAppidList(string acctoken)
{
    string getUrl = "https://api.weixin.qq.com/cgi-bin/user/get?access_token=" + acctoken +
"&next_openid=";
    HttpRequest req = (HttpRequest)HttpRequest.Create(getUrl);
    req.Method = "GET";
    System.Net.HttpWebResponse response = (System.Net.HttpWebResponse)req.GetResponse();
    Stream responseStream = response.GetResponseStream();
    StreamReader readStream = new StreamReader(responseStream,
System.Text.Encoding.UTF8);
    string retext = readStream.ReadToEnd().ToString().Replace("\\", "/");
    readStream.Close();
    return retext;
}

```

```
}
```

//通过微信用户的 OPENID 获取用户信息，传入 accesstoken 和用户的 POENDID 即可

```
protected string GetWXUserInfo(string acctoken, string openid)
{
    string getUrl = "https://api.weixin.qq.com/cgi-bin/user/info?access_token=" + acctoken +
"&openid=" + openid + "&lang=zh_CN";
    HttpWebRequest req = (HttpWebRequest)HttpWebRequest.Create(getUrl);
    req.Method = "GET";
    System.Net.HttpWebResponse response = (System.Net.HttpWebResponse)req.GetResponse();
    Stream responseStream = response.GetResponseStream();
    StreamReader readStream = new StreamReader(responseStream,
System.Text.Encoding.UTF8);
    string retext = readStream.ReadToEnd().ToString().Replace("\\\\", "/");
    readStream.Close();
    return retext;
}
```

开发交流→



扫一扫上面的二维码图案，加我微信