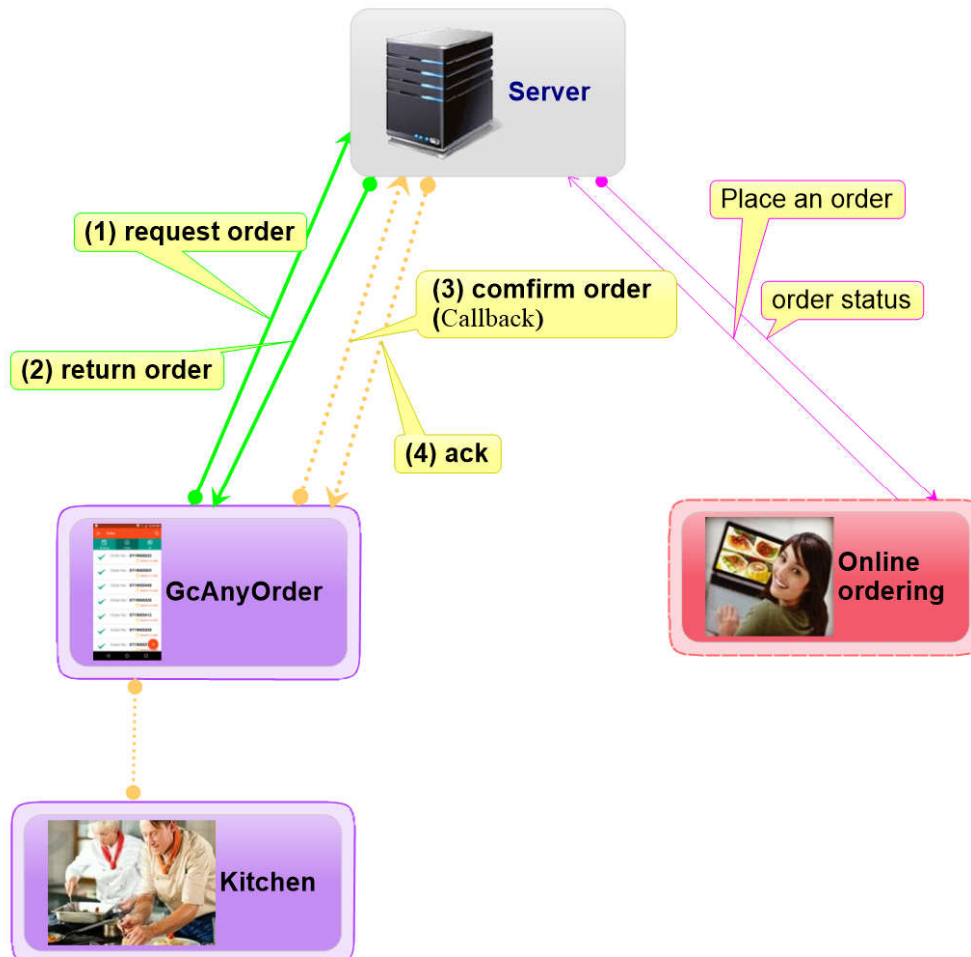


GcAnyOrder Server API

(JSON Format)

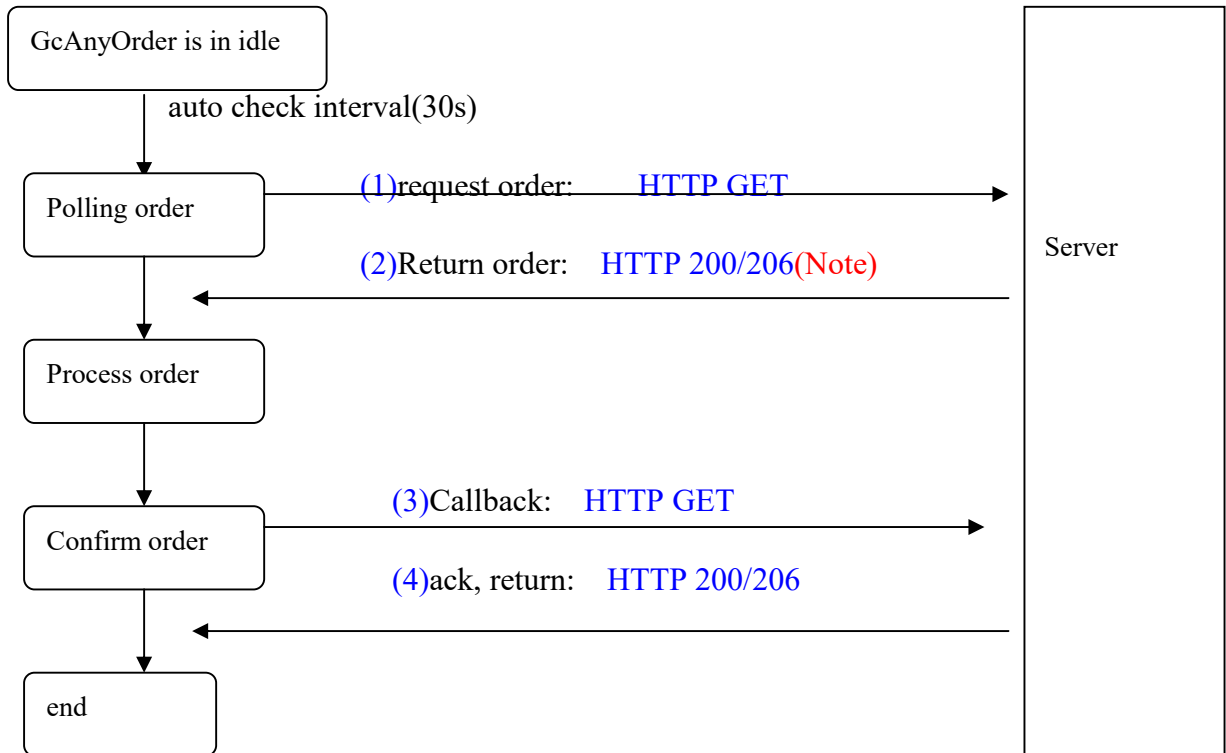
V1.1

I. Overview



Sketch 1.1 Order flow chart

II. Work flow for GcAnyOrder to process order



Sketch 2. 1-Processing order

Note: At this time, server should **NOT** delete this order, but the order can be deleted after confirming the order;

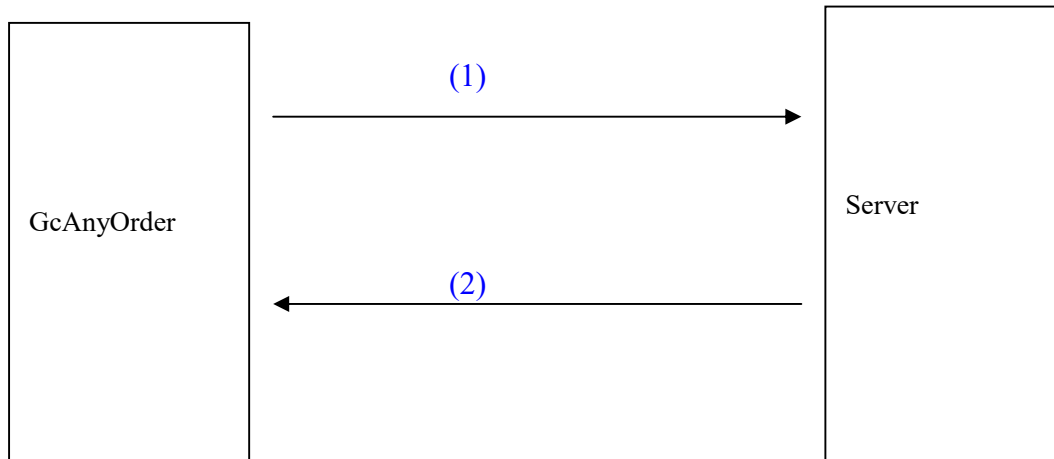
Tips: The above numbers (1) - (4) correspond to the numbers in sketch 1.1

parameter setting for GcAnyOrder is as follows (for reference):

Name	content
Request Order url	http://goodcom.cn/order/order.php
CallBack url	http:// goodcom.cn/order/order_callback.php
RES ID	1
Login Web UserName	testuser
Login Web Password	test

III. Polling order

GcAnyOrder communicates with server via GET protocol of HTTP. It will query server to download the order according to the auto check interval. Server queries database to confirm if any order received. If the sever gets order, it will answer the order data(json format) to GcAnyOrder via HTTP Protocol (HTTP 200/ HTTP 206); If no order, the server will answer HTTP 200/HTTP 206 and the Content-Length is 0.



Sketch 2.1- Polling Order

1. The above(1)is GcAnyOrder polling order within auto check interval. The Http address is the order's url in the sever. The type for order url can be php/asp/jsp/txt,etc .

GcAnyOrder will send:

GET /order/order.php? a=1&u=testuser&p=test&jv=1.0.1 HTTP/1.1
 RANGE: bytes=0-10240
 Host: goodcom.cn

The “a=1” is RES ID

The “u=testuser” is Login Web UserName

The “p=test” is Login Web Password

The “jv=1.0.1” is json format version, defined by template;

2. The above(2) is the order conent sent by Server.

Server can answer by using HTTP 200 or HTTP 206. But if the order content is long (longer than GcAnyOrder that can read), it **shall** answer via HTTP 206;



(a)Answer HTTP 200

HTTP/1.1 200 OK

Content-Type: text/plain

Last-Modified: Thu, 23 Mar 2024 09:15:37 GMT

Content-Length: 720

```
{"CreateTime":"15:00
16-08-2022","DeliveryType":"Delivery","OrderId":"10006","Order":[{"o_title":"Title","o_num":"
1","o_name":"Chicken","o_amt":"1.00","OrderOption":[{"o_oName":"option","o_oAmt":"1.00"}
]}],"SubTotal":"0.00","TotalFees":"0.00","Fee":"0.00","DiscountAmt":"0.00","DiscountTaxes":"0.
00","DeliveryCharges":"0.00","DeliveryTaxes":"0.00","ExtraFeeAmt":"0.00","TotalTaxes":"0.00"
,"Total":"29.10","PaymentStatus":"Order Paid","CustName":"Tom","CustAddr":"Address of the
Customer","CustTown":"","CustPhone":"00861234567890","RequestTime":"15:30
16-08-2022","PreviousOrder":"10005","PaidType":"Cash","PaymentInfo":"cod:","Comment":"co
mment","tipsAll":{"tips_left":"Title","tips_mid":"number","tips_right":"price"}}
```

Note: please refer to "IV Order Format" for the format of order content.

(b)Answer HTTP 206

HTTP/1.1 206 Partial content

Content-Type: text/plain

Last-Modified: Thu, 23 Mar 2024 09:15:37 GMT

Content-Length: 720

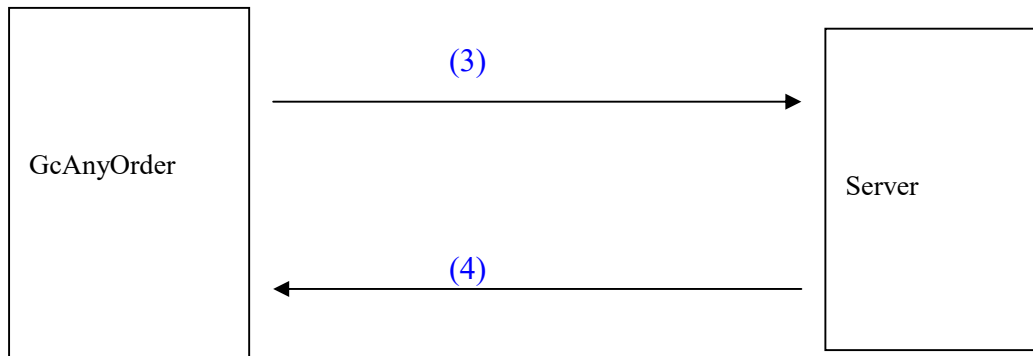
Content-Range: bytes 0-719/720

```
{"CreateTime":"15:00
16-08-2022","DeliveryType":"Delivery","OrderId":"10006","Order":[{"o_title":"Title","o_num":"
1","o_name":"Chicken","o_amt":"1.00","OrderOption":[{"o_oName":"option","o_oAmt":"1.00"}
]}],"SubTotal":"0.00","TotalFees":"0.00","Fee":"0.00","DiscountAmt":"0.00","DiscountTaxes":"0.
00","DeliveryCharges":"0.00","DeliveryTaxes":"0.00","ExtraFeeAmt":"0.00","TotalTaxes":"0.00"
,"Total":"29.10","PaymentStatus":"Order Paid","CustName":"Tom","CustAddr":"Address of the
Customer","CustTown":"","CustPhone":"00861234567890","RequestTime":"15:30
16-08-2022","PreviousOrder":"10005","PaidType":"Cash","PaymentInfo":"cod:","Comment":"co
mment","tipsAll":{"tips_left":"Title","tips_mid":"number","tips_right":"price"}}
```

Note: please refer to "IV Order Format" for the format of order content.

IV. Confirming Order

When GcAnyOrder receives the order, it will parse the order content with json format, arrange the order content according to the format and print the order according to same parameter. Besides, the parameter will determine whether the order is to be confirm manually or automatically. When order is confirmed, GcAnyOrder will send the HTTP confirmed information to sever, the content is with the Order No., so that sever can know which order should be processed or deleted.



Sketch3.1-Confirm order

1. The process (3) above is the confirmed message sent by GcAnyOrder. The confirmed address is the confirm url on server(callback url), whose type can be php/asp/jsp, etc.
GcAnyOrder will attach some parameters when using GET protocol to confirm order, and sever will read the parameter and determine whether to process the order. There are the content:

GET

/order/order_callback.php?a=1&o=323&ak=Accepted&m=OK&dt=17:10&u=testuser
&p=test&cur=2151342104 HTTP/1.1
Host: goodcom.cn

“a” is the “ResID” which had been set in the device (ini 5 “ResID”).

“o” is the “Order No” which come from the order.

“ak” is the operation of accepting/Rejecting order. If the order is accepted, ak=Accepted. While for rejected order, ak=Rejected

“m” is the description of accepting/Rejecting order. If accept the order and the accept reply type is time, m=ok, when the accept reply type is item(ini 31),m=select item(ini 53, example: m=10_Minutes). If reject order, “m” is the reject reason that the operator selected when rejecting the order.

“dt” is the time that the operator input when accepting order.

“dd” is the date that the operator input when accepting order.The format is ”ddmmyy”, example: dd=210424,it means the date is 2024-4-21.

“u” is the user name for login your web server (ini 58 “Login Web User Name”).



“p” is the password for login your web server (ini 59 “Login Web Password”).

“cur” is current timestamp, if the website does not require this parameter, it can be ignored.

2. the process (4) above is the return message sent by the server, which can be used for confirming whether the Callback of GcAnyOrder has been received successfully. Server will send the following content as responds:

HTTP/1.1 200 OK
Content-Type: text/plain
Last-Modified: Thu, 24 Mar 2011 09:15:37 GMT

V. Order Format

Order format definitions, including JSON fields definitions.

Name	Specification
Character encoding	UTF8
Order format	JSON

4.1 Order fields

The fields of an order are:

Field	Importance	Type	Details
CreateTime	Optional	String	Order creation time
DeliveryType	Optional	String	Order delivery type: It can be Delivery, Take away, Pickup, Dine-in, etc.
OrderId	Mandatory	String	Order id for the order to be tracked (must be unique)
Order ->o_title (String) ->o_num (String) ->o_name (String) ->o_amt (String) ->OrderOption (Array) --> o_oName(String) --> o_oAmt(String)	Mandatory at least one	Array	Order product items, including title, quantity, name, price and options, etc. Each subfield is optional Please refer to “4.2 Order menu items”

Field	Importance	Type	Details
SubTotal	Optional	String	Subtotal, If there is no such content, it can be empty or without this field
DiscountAmt	Optional	String	Discounted fees, it can be empty
DiscountTaxes	Optional	String	Discounted fee tax, it can be empty
DeliveryCharges	Optional	String	Shipping fee, it can be empty
DeliveryTaxes	Optional	String	Shipping tax, it can be empty
ExtraFeeAmt	Optional	String	Additional fee, it can be empty
TotalTaxes	Optional	String	Total tax, it can be empty
Total	Optional	String	Total fee
PaymentStatus	Optional	String	Payment status, which can be “ Order Paid” or “Order No Paid”. It can also be empty if not required.
CustName	Optional	String	Customer's name
CustAddr	Optional	String	Customer's address
CustTown	Optional	String	Customer's town
CustPhone	Optional	String	Customer's phone number
RequestTime	Optional	String	The time the customer requests food delivery/pickup The format can be as follows: hh:mm yyyy-MM-dd (e.g 12:10 2024-04-21) hh:mm MM-dd-yyyy (e.g 12:10 04-21-2024) hh:mm dd-MM-yyyy (e.g 12:10 21-04-2024)
PaidType	Optional	String	Payment type, such as Cash on delivery , PayPal ,Stripe, etc.
Comment	Optional	String	Customer's remarks

4.2 Order menu items:

The fields of one item are:

Order:

->o_title (String)

->o_num (String)

->o_name (String)

->o_amt (String)

->OrderOption (Array)

Field	Importance	Type	Description
o_title	Optional	string	Item Category Title
o_num	Optional	string	Item quantity
o_name	Mandatory	string	Item name
o_amt	Optional	string	Item price
OrderOption	Optional	array of option	List of option for current item Please refer to “4.3 OrderOption”

4.3 OrderOption

The fields of one option are:

OrderOption :

--> o_oName(String)

--> o_oAmt(String)

Field	Importance	Type	Description
o_oName	Optional	string	Option name
o_oAmt	Optional	string	Price

VI. Example

5.1 JSON example

```
{  
  "CreateTime":"15:00 16-08-2022",  
  "DeliveryType":"Delivery",  
  "OrderId":"10006",  
  "Order":[  
    {
```

```
"o_title":"Title",
"o_num":"1",
"o_name":"Chicken",
"o_amt":"1.00",

"OrderOption":[

    {

        "o_oName":"option",
        "o_oAmt":"1.00"

    }

]

},

"SubTotal":"0.00",
"TotalFees":"0.00",
"Fee":"0.00",
"DiscountAmt":"0.00",
"DiscountTaxes":"0.00",
"DeliveryCharges":"0.00",
"DeliveryTaxes":"0.00",
"ExtraFeeAmt":"0.00",
"TotalTaxes":"0.00",
"Total":"29.10",
"PaymentStatus":"Order Paid",
"CustName":"Tom",
"CustAddr":"Address of the Customer",
"CustTown":"",
"CustPhone":"00861234567890",
"RequestTime":"15:30 16-08-2022",
"PreviousOrder":"10005",
"PaidType":"Cash",
"PaymentInfo":"cod:",
"Comment":"comment",

}
```

5.2 PHP code example on server

5.2.1 php code

```
$array_ret['CreateTime']=date('H:i:s y-m-d');
$array_ret['DeliveryType']='Delivery';
$array_ret['OrderId']='10009';
$array_product=array();
$array_products=array();
$ii=rand(1,3);
for($jj=0;$jj<$ii;$jj++) {
    $array_product['o_title'] = 'Title_' . $jj;
    $array_product['o_num'] = rand(2, 10) . "";
    $array_product['o_name'] = 'Chicken_' . $jj;
    $array_product['o_amt'] = rand(1, 20) . '.00';
    $array_options=array();
    for ($kk = 0; $kk < 2; $kk++) {
        $array_option = array();
        $array_option['o_oName'] = 'option_' . $kk;
        $array_option['o_oAmt'] = rand(1, 10) . '.00';
        $array_options[$kk]=$array_option;
    }
    $array_product['OrderOption'] = $array_options;
    $array_products[$jj] = $array_product;
}
$array_ret['Order']=$array_products;
$array_ret['SubTotal']='30.00';
$array_ret['DiscountAmt']='1.00';
$array_ret['DiscountTaxes']='0.00';
$array_ret['DeliveryCharges']='0.00';
$array_ret['DeliveryTaxes']='0.00';
$array_ret['Fee']='';
$array_ret['TotalTaxes']='0.00';
$array_ret['Total']='60.00';
$array_ret['PaymentStatus']='Order Paid';
$array_ret['CustName']='Tom';
$array_ret['CustAddr']='Address of the Customer';
$array_ret['CustTown']='xiamen';
$array_ret['CustPhone']='00861234567890';
$array_ret['RequestTime']=date('H:i d-m-y');
$array_ret['PaymentInfo']='cod';
$array_ret['PaidType']='Cash';
$array_ret['Comment']='tips for comment';
$strOrder=json_encode($array_ret);

$fileLength=strlen($strOrder);
```



```
header("Content-Length: " . $fileLength);  
  
echo $strOrder;
```

5.2.2 Print tickets samples

Welcome	

Created:	10:48:19 24-05-20
Delivery	

Order No:	10009

Title_0	
2 X Chicken_0	9.00
option_0	4.00
option_1	6.00

Subtotal:	30.00
Discount:	1.00
Discount Taxes:	0.00
Shipping:	0.00
Delivery Taxes:	0.00

Total Taxes:	0.00
Total:	60.00
Order Paid	
Name:Tom	
Address:Address of the Customer	
xiamen	
Phone:00861234567890	

Request for:	
10:48 20-05-24	

Payment Type:Cash	
Payment method:	
	cod
Comments:tips for comment	

Order confirm:	
10:48 05-24-2020	

Thanks!	