



Recurring Help January 10th, 2022

Recipe ID – This numeric ID can be found under Processing Tools -> Recurring Billing -> View Recipes

Override Default Recur Price – Y/N option. If Y, then the amount of the transaction will become the amount to recur.

Override Default Recur Day – Y/N option. If Y, then the current day will become the default day to recur moving forward.

- Examples
- If weekly and the transaction is processed on Monday, then every Monday it will recur, regardless of what the default day is on the recipe.
- If Monthly and the transaction is processed on the 10th, then every month on the 10th it will recur, regardless of what the default day is on the recipe.

Times To Recur – Integer. If greater than 0, then the number of recurring times will be set to that amount.

- Example: You charge \$50.00 on first transaction and now want to charge them \$50.00 per month for a 11 months. Then the recur_times would be 11. After that, the recurring automatically stops for that entry.

Web Order

Option	Required	Field/Form Name	Value
Recipe ID	Yes	RID	integer
Override Default Recur Price	No	override_recur	Y/N
Override Default Recur Day	No	OverRideRecureDay	Y/N
Times To Recur	No	recur_times	integer

QGWDatabase Engine

Option	Required	Field/Form Name	Value
Recipe ID	Yes	RID	integer
Override Default Recur Price	No	override_recur	Y/N
Override Default Recur Day	No	OverRideRecureDay	Y/N
Times To Recur	No	recur_times	integer

Transparent QGWDatabase Engine

Option	Required	Field/Form Name	Value
Recipe ID	Yes	RID	integer
Override Default Recur Price	No	override_recur	Y/N
Override Default Recur Day	No	OverRideRecureDay	Y/N
Times To Recur	No	recur_times	integer

XML Requester

Option	Required	Field/Form Name	Value
Recipe ID	Yes	<RecurrID>	integer
Override Default Recur Price	No	<OverRideRecur>	Y/N
Override Default Recur Day	No	<OverRideRecureDay>	Y/N
Times To Recur	No	<TimesToRecur>	integer

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Option	Required	Field/Form Name	Value
Recipe ID	Yes	RID	integer
Override Default Recur Price	No	override_recur	Y/N
Override Default Recur Day	No	OverRideRecureDay	Y/N
Times To Recur	No	recur_times	integer

Examples

Sample 1

In this sample we have a monthly service and we want to accomplish the following

- Prorate the first time transaction

Web Order API

```
<form name="form1" method="post"
action="https://secure.quantumgateway.com/cgi/web_order.php">
  <p>Monthly Service 19.95</p>
  <p>
    <input name="1_qty" type="text" id="1_qty" value="1" size="3">
    <input type="submit" name="button" id="button" value="Buy Now">
  </p>
  <input name="gwlogin" type="hidden" value="demoacct">
  <input name="RID" type="hidden" value="1">
  <input name="item_cost" type="hidden" value="10.00">
  <input name="override_recur" type="hidden" value="N">
</form>
```

QGWdatabase Engine API

```
<form name="form1" method="post"
action="https://secure.quantumgateway.com/cgi/qgwdbe.php">
  <p>Monthly Service 19.95</p>
  <p>
    <input type="submit" name="button" id="button" value="Buy Now">
  </p>
  <input name="gwlogin" type="hidden" value="demoacct">
<input name="RID" type="hidden" value="1">
<input name="override_recur" type="hidden" value="N">
<input name="amount" type="hidden" value="10.00">
</form>
```

Transparent QGWdatabase Engine API – Using CURL

```
$LOGINURL = "https://secure.quantumgateway.com/cgi/tqgwdbe.php";
$agent = "Mozilla/5.0 (Windows; U; Windows NT 5.0; en-US; rv:1.4) Gecko/20030624
Netscape/7.1 (affgrabber)";
```

```
$POSTFIELDS =
"&gwlogin=demoacct".
"&RestrictKey=*****".
"&trans_type=CREDIT".
"&ccnum=5454545454545454".
"&ccmo=12".
"&ccyr=2025".
"&amount=10.00".
"&FNAME=John".
"&LNAME=Doe".
"&BADDR1=1021 Eden VAy".
"&BZIP1=66666".
"&CVV2=111".
"&BCITY=Chesapeake".
"&phone=888-586-3346".
"&BSTATE=VA".
"&BCUST_EMAIL=bogus@home.com ".
"&customer_ip=127.0.0.1 ".
"&RID=1".
"&verride_recur=N".
"&cust_id=tqgwdbe";
```

```
$ch = curl_init();
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, FALSE);
curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, FALSE);
```

```
curl_setopt($ch, CURLOPT_FOLLOWLOCATION, 1);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_USERAGENT, $agent);
curl_setopt($ch, CURLOPT_URL, $LOGINURL);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch, CURLOPT_POSTFIELDS, $POSTFIELDS);
$result_curl = curl_exec ($ch);
curl_close ($ch);
$mytest = $result_curl;
```

XML Requester API

```
<QGWRequest>
  <Authentication>
    <GateVAyLogin>demoacct</GateVAyLogin>
    <GateVAyKey>*****</GateVAyKey>
  </Authentication>
  <Request>
    <RequestType>ProcessSingleTransaction</RequestType>
    <TransactionType>CREDIT</TransactionType>
    <PaymentType>CC</PaymentType>
    <Amount>10.00</Amount>
    <CreditCardNumber>54545454545454</CreditCardNumber>
    <ExpireMonth>12</ExpireMonth>
    <ExpireYear>2025</ExpireYear>
    <CVV2>111</CVV2>
    <Memo>6812300000</Memo>
    <FirstName>John</FirstName>
    <LastName>Doe</LastName>
    <Address>1021 eden VA</Address>
    <City>Chesapeake</City>
    <State>VA</State>
    <ZipCode>66666</ZipCode>
    <Country>USA</Country>
    <EmailAddress>test@cdgcommerce.com</EmailAddress>
    <PhoneNumber>8885863346</PhoneNumber>
    <IPAddress>216.223.17.34</IPAddress>
    <CustomerID>xml_requester</CustomerID>
    <RID>1</RID>
    <OverRideRecur>N</OverRideRecur>
  </Request>
</QGWRequest>
```

Sample 2

In this sample we have a monthly recipe that is 19.95 but we want to charge the customer 14.95. We want to accomplish the following

- Override the recurring date
- Override the recurring amount

Web Order API

```
<form name="form1" method="post"
action="https://secure.quantumgateway.com/cgi/web_order.php">
  <p>Monthly Service 14.95</p>
  <p>
    <input name="1_qty" type="text" id="1_qty" value="1" size="3">
    <input type="submit" name="button" id="button" value="Buy Now">
  </p>
  <input name="gwlogin" type="hidden" value="demoacct">
  <input name="RID" type="hidden" value="1">
  <input name="item_cost" type="hidden" value="14.95">
  <input name="override_recur" type="hidden" value="Y">
  <input name="OverRideRecureDay" type="hidden" value="Y">
</form>
```

QGWdatabase Engine API

```
<form name="form1" method="post"
action="https://secure.quantumgateway.com/cgi/qgwdbe.php">
  <p>Monthly Service 14.95</p>
  <p>
    <input type="submit" name="button" id="button" value="Buy Now">
  </p>
  <input name="gwlogin" type="hidden" value="demoacct">
  <input name="RID" type="hidden" value="1">
  <input name="amount" type="hidden" value="14.95">
  <input name="override_recur" type="hidden" value="Y">
  <input name="OverRideRecureDay" type="hidden" value="Y">
</form>
```

Transparent QGWdatabase Engine API

```
$LOGINURL = "https://secure.quantumgateway.com/cgi/tqgwdbe.php";  
$agent = "Mozilla/5.0 (Windows; U; Windows NT 5.0; en-US; rv:1.4) Gecko/20030624  
Netscape/7.1 (affgrabber)";
```

```
$POSTFIELDS =  
"&gwlogin=demoacct".  
"&RestrictKey=*****".  
"&trans_type=CREDIT".  
"&ccnum=5454545454545454".  
"&ccmo=12".  
"&ccyr=2025".  
"&amount=14.95".  
"&FNAME=John".  
"&LNAME=Doe".  
"&BADDR1=1021 Eden VAy".  
"&BZIP1=66666".  
"&CVV2=111".  
"&BCITY=Chesapeake".  
"&phone=888-586-3346".  
"&BSTATE=VA".  
"&BCUST_EMAIL=bogus@home.com ".  
"&customer_ip=127.0.0.1 ".  
"&override_recur=Y".  
"OverRideRecureDay=Y".  
"&RID=1".  
"&cust_id=tqgwdbe";
```

```
$ch = curl_init();  
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, FALSE);  
curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, FALSE);  
curl_setopt($ch, CURLOPT_FOLLOWLOCATION, 1);  
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);  
curl_setopt($ch, CURLOPT_USERAGENT, $agent);  
curl_setopt($ch, CURLOPT_URL,$LOGINURL);  
curl_setopt($ch, CURLOPT_POST, 1);  
curl_setopt($ch, CURLOPT_POSTFIELDS,$POSTFIELDS);  
$result_curl = curl_exec ($ch);  
curl_close ($ch);  
$mytest = $result_curl;
```

XML Requester API

```
<QGWRequest>
  <Authentication>
    <GateVAyLogin>demoacct</GateVAyLogin>
    <GateVAyKey>*****</GateVAyKey>
  </Authentication>
  <Request>
    <RequestType>ProcessSingleTransaction</RequestType>
    <TransactionType>CREDIT</TransactionType>
    <PaymentType>CC</PaymentType>
    <Amount>14.95</Amount>
    <CreditCardNumber>5454545454545454</CreditCardNumber>
    <ExpireMonth>12</ExpireMonth>
    <ExpireYear>2025</ExpireYear>
    <CVV2>111</CVV2>
    <Memo>6812300000</Memo>
    <FirstName>John</FirstName>
    <LastName>Doe</LastName>
    <Address>1021 eden VAy</Address>
    <City>Chesapeake</City>
    <State>VA</State>
    <ZipCode>66666</ZipCode>
    <Country>USA</Country>
    <EmailAddress>test@cdgcommerce.com</EmailAddress>
    <PhoneNumber>8885863346</PhoneNumber>
    <IPAddress>216.223.17.34</IPAddress>
    <CustomerID>xml_requester</CustomerID>
    <RID>1</RID>
    <OverrideRecureDay>Y</OverrideRecureDay>
    <OverrideRecureD>Y</OverrideRecure>
  </Request>
</QGWRequest>
```


FAQ:

Q: What if the transaction is processed on the 31st?

A: If there are only 30 days in the month, then it will process on the 30th. The same thing applies for February. Either it will process on the 28th or 29th.

Q: Will the customer be billed initially on the date I create the recurring entry, regardless of whether or not it is the same as the weekday/integer I want them to be billed on going forward? E.g. if I create the entry on January 5th but want them to be billed on the 1st every month going forward, will they also be billed on January 5th?

A: The initial transaction is part of the billing. So if they are entered on the 5th, there is a transaction amount for that day. This is due to the fact that they have to make a payment and have an approved result before it is entered into the recurring database.

Q: If I create the recurring entry on the 1st, and use a monthly recipe with the 1st as the recur date, will the merchant be billed on the day I create the entry, or not until the following month?

A: The initial transaction is part of the billing. So if they are entered on the 1st, there is a transaction amount for that day. This is due to the fact that they have to make a payment and have an approved result before it is entered into the recurring database. However, there would not be two charges. When the daily look for recurring to process starts, it will NOT cue any recurring entries started that date.