

Joomla!

GW Coupons for VirtueMart

Version 0.5x

Administration Guide



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Table of contents

Table of contents

1 - Introduction.....	4
What's it all about ?.....	4
Document Outline.....	5
Compatibility.....	6
2 - Installation.....	7
GW Coupons component.....	7
GW Coupons hacks.....	8
GW Coupons plugins.....	8
3 - Component Parameters	10
Coupon encoding explanation.....	12
Warranty of getting an Unique Coupon :.....	12
4 - Coupons Type.....	14
Coupons types listing.....	14
Event meaning.....	15
Coupon type configuration.....	15
5 - Configure the Triggerred Event.....	18
What is an trigger ?.....	18
Installation process.....	18
Setting up the trigger.....	18
6 - Use Event to generate Coupons.....	19
Test Joomla! registration event.....	19
Test VirtueMart registration event.....	19
Test reaching a special order amount.....	19
Test buying a coupon.....	19
Manage coupons generated in VirtueMart.....	20
7 - Specials Features.....	21
Frequently asked questions	21
Personalize e-mail sent automatically to users	21
You can find one file per language in :	21
Upgrading and restore GW Coupons/VirtueMart.....	23
8 - History, Road map and coming features.....	24
Version History.....	24
Features in future releases.....	25

Index des illustrations

Illustration 1: The ControlPanel of GW Coupons.....	7
Illustration 2: Plugin GWValidity parameters screen.....	9
Illustration 3: List of coupon types.....	14
Illustration 4: Configuration of a coupon type.....	17
Illustration 5: List of VirtueMart generated coupons.....	20

1 - Introduction

This document describes the basic functionality and key features of the Joomla! GW Coupons component along with the basic steps a Joomla! website administrator should take to install and configure the component.

What's it all about ?

GW Coupons is a Joomla! component, which integrates with the Joomla! CMS to extend functionality of VirtueMart Coupons. This extended functionality enhances existing features of the default VirtueMart Coupons in order to facilitate the automatic generation of Coupons on different event on a Joomla/VirtueMart driven website.

The default VirtueMart Coupons does not provide the functionality necessary to generate automatic coupons on events like :

- new User registration on Joomla and Virtuemart (to be developed)
- buying a coupon (and receive it automatically by mail)
- reaching or exceeding a ceil limit on an order
- an Order validates a specific Order Status
- sponsor a certain number of new User registration (to be developed)
- customer loyalty and total points computed (to be developed)



The GW Coupons attempts (and hopefully succeeds) to address these matters and provides the basic building blocks to allow the Joomla! CMS administrators to attract, manage and increase their specific online business.

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Document Outline

The topics discussed cover the proper GW Coupons component installation, configuration and use within the Joomla! and VirtueMart environment.

Compatibility

GW Coupons is working with Joomla and VirtueMart.

There it is the **Compatibility Matrix** :

		GW Coupons compatibility
Joomla	1.0.12(*)	<i>Normally, but not verified</i>
	1.0.13(*)	Yes
	1.0.14(*)	<i>Normally, but not verified</i>
	1.0.15(*)	Yes (v0.4x only)
	1.5.x	Yes (v0.5x +)
VirtueMart	1.0.12(*)	<i>Normally, but not verified</i>
	1.0.13(*)	Yes
	1.0.13a(*)	Yes
	1.0.14(*)	Yes
	1.0.15(*)	Yes (v0.4x only)
	1.1.x	Yes

(*) Deprecated version, no more upgrade or assured downward compatibility !

Note :

V0.4 is the last version for Joomla! 1.0, no more new features for this version. The support will end on july. 22, 2009 for this v0.4 (only security and bug patch).

GW Coupons is totally oriented now on Joomla! 1.5 native.

2 - Installation

GW Coupons component

GW Coupons is a single Zip file.

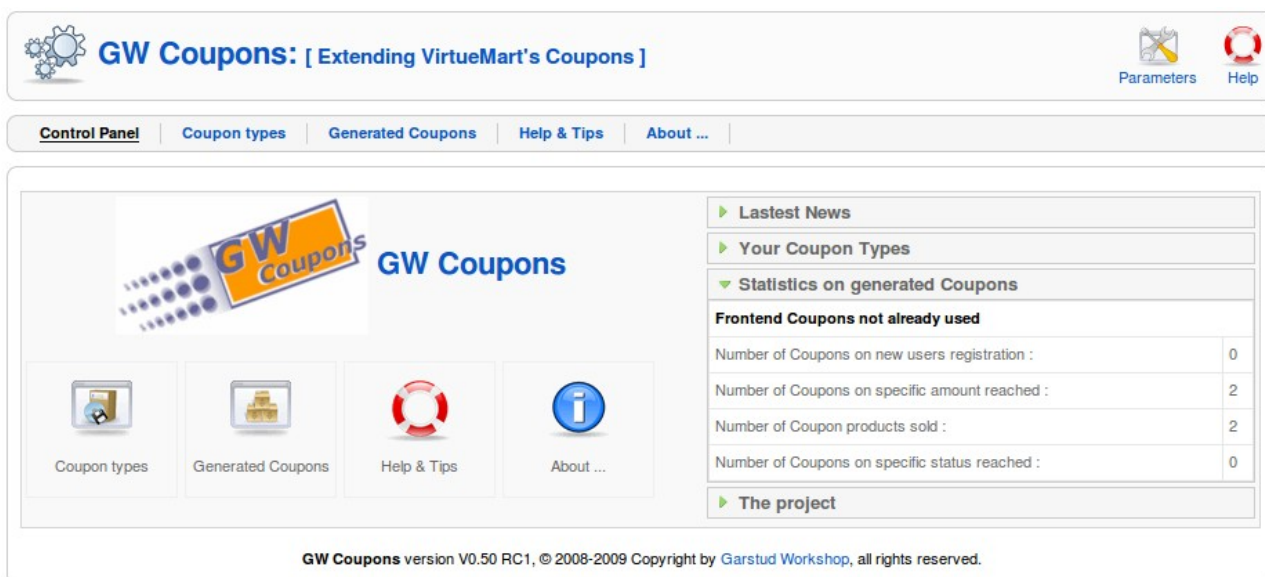
Note : To upgrade a version you need to uninstall the previous version and install the new version (Data are not erased, but remember to do a backup before).

1. Login to the administration backend
2. select menu : Extensions > Install
3. Browse to the GW Coupons zip file and click [Install]

Now you have a new menu in : Components > GW Coupons

This menu includes sub-menus :

- Control Panel : return to the control panel of GW Coupons
- Coupons Type : edit the type of event you want to generate coupons
- Generated Coupons : show the generated coupons and the link with VirtueMart
- Help and Tips
- About



GW Coupons: [Extending VirtueMart's Coupons]

Parameters Help

Control Panel | Coupon types | Generated Coupons | Help & Tips | About ...

GW Coupons

Coupon types | Generated Coupons | Help & Tips | About ...

Statistics on generated Coupons

Frontend Coupons not already used

Number of Coupons on new users registration :	0
Number of Coupons on specific amount reached :	2
Number of Coupon products sold :	2
Number of Coupons on specific status reached :	0

The project

GW Coupons version V0.50 RC1, © 2008-2009 Copyright by Garstud Workshop, all rights reserved.

Illustration 1: The ControlPanel of GW Coupons

GW Coupons hacks

GW Coupons needs to install only one Hack in the Virtuemart source code to intercept event. We try to simplify the hacks installation, but you may notice that this a particular sensible phase.

Note : be sure to reproduce the installation of Hacks when you update Virtuemart component

To have more informations to know how place the hack that is necessary to generate coupons, see chapter : **5 Configure the Triggerred Event**

GW Coupons plugins

GW Coupons need 2 plugin to works well :

1. GWCoupons plugin
2. GWValidity plugin

Installation

- Use the menu “Extensions > Install”
- use the Browse button and select the Zip file of the Plugin
- and click the Install button
- go on the menu “Extensions > Plugin Manager” to end the following install phase

1.GWCoupons plugin

This plugin is necessary to automate generation of coupons on Events. It has no parameters. You just need to **activate** it.

2.GWValidity plugin

The GWCoupons plugin will check everyday (once a day) if a coupon code has reach the limit date. If so, the coupon code will be deleted !

You just have to **set the plugin parameters** (default parameters works) and activate the It

Configuration

You can set some parameters on the GWValidity plugin :

- **Send report mail (No / Yes)** : if Yes, you will receive a daily report by e-mail that list all the coupons deleted !
- **To Email address** : Email address to send the report to. Leave empty to send to the system default email address.
- **Subject** : the mail report subject

- **Body** : the mail principal text
- **Header** : Introduction text of the mail wich is followed by the actual date/time
- **VM Coupons** : Mail report text that is shown in the body just before the list of the deleted coupons ! You can add a '%s' that will be replace by the number of VM Coupons deleted
- **GW Coupons** : Mail report text that is shown in the body just after the list of the deleted coupons ! You can add a '%s' that will be replace by the number of GW Coupons deleted (These coupons will represent the orphans GWCoupons that are not linked to a Virtuemart Coupons (like when the VM Coupons was normally used(and deleted previously) by a customer

Parameters

▼ Plugin Parameters	
- Admin daily report -	
Send report mail	<input type="radio"/> No <input checked="" type="radio"/> Yes
To Email address	<input type="text"/>
Subject	GWCoupons limit date report
Header	GWCoupons checkup report of VirtueMart coupons validity, completed successfully at
VM coupons	%s expired VirtueMart coupons deleted :
GW coupons	%s orpheans GWCoupons deleted.
► Advanced Parameters	

Illustration 2: Plugin GWValidity parameters screen

3 - Component Parameters

This screen permits to manage global parameter for the automatic generation of Coupons

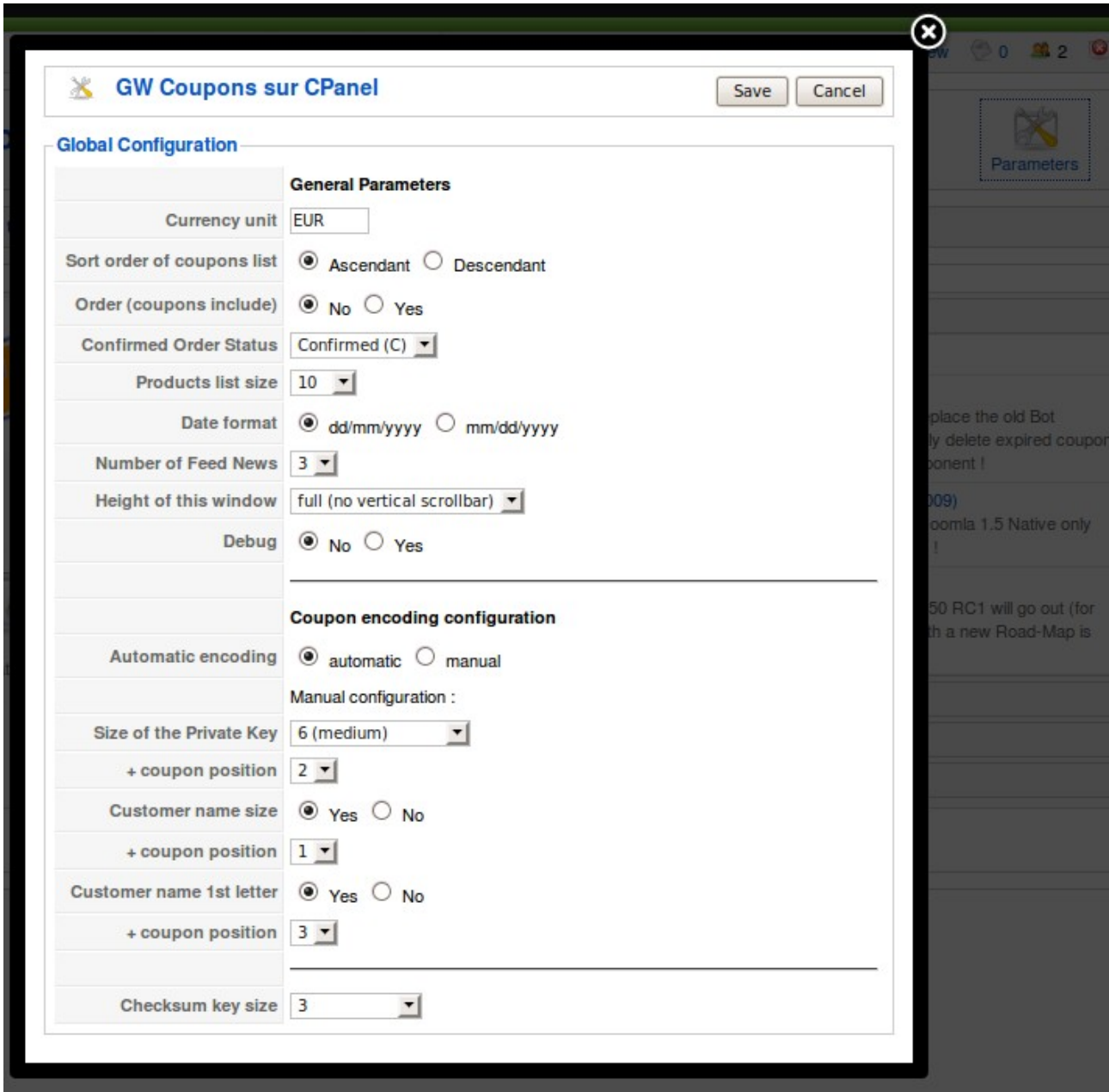
There is 2 blocks : one for the generals parameters :

1. Currency unit : be used on the admin backend coupons list and in the mail send to the customer
2. Coupons list sort : how you want to see the Virtuemart coupons list sorted
3. Confirmed Order status : select the order status used to determine when an Order is "confirmed"
4. Products list size : specify the height of the product list in the coupon types details screen
5. Date format : select the date format you want
6. Number of feed news : how many RSS news to show on the Cpanel
7. Height of this window : specify the height of the parameter window
8. Debug : check if you want to show a debug trace of the coupons generation (for developers only)

And a second block for personalizing the coupon automatic encoding :

1. Automatic encoding : specify if you to let the system set the coupon encoding configuration or if you want to set it manually
2. Size of the private key : a special key that defines how many random number will be inserted in the coupon
 - Coupon position : position of the private key in the coupon format
3. Customer name size : do you want to add this value in the coupon code
 - Coupon position : position of the Customer name size in the coupon format
4. Customer name 1st letter : do you want to add this value in the coupon code
 - Coupon position : position of the Customer name 1st letter in the coupon format
5. Checksum key size : an ending numeric code added in the coupon format just before the suffix

This screen can be display from any screen of the GWCoupons Backend component by selecting the toolbar button “Parameters”



Coupon encoding explanation

The coupon is automatically generated, so we produce an algorithm to set it **secure** (to don't be generated by hackers) and **unique** (to don't conflict with another coupon !) !

You normally do not need to modify the AUTOMATIC configuration, but if you want ... you can !

The coupon encoding is structured has follow :

1. A static prefix use to visually recognize a coupon (3 letters maximum)
For example : "REG" (for registration)
2. a random private key (you can specify a size from 1 to 20, be careful to choose a secure size. Size under 4 are not so secured, but too big size will be long to generate)
For example : size=4 , that generate a random value like "1234"
3. the size of the name of the customer
For example : studer = 6 char. length
4. the first letter of the name of the customer
For example : studer = S
5. A checksum control value. Specify a control size and a key will be generated to ensure that the coupon has not been hacked ! (you can specify a size from 1 to 9, be careful to choose an secure size. Size under 2 are not so secured,)
For example : size=3 , that generate a random value like "789"
6. A static suffix use to visually recognize a coupon (3 letters maximum)
For example : "KD"

To make the human reading of the coupon easier, you can set 2 parameter in Configuration :

1. Separator Character
2. Separator Positions

The separator character can be a "-" or a "." ... etc

The separator positions list where you want to set the separator in the coupon string.

Coupon without separator :

REG1234S789KD

Coupon with separator :

1. separator character : "-"
2. separator positions : "4;7;10"

REG1-234-6S7-89KD

The prefix and suffix are optionals. They only help to differentiate the type of the coupon :

- Registration event, VirtueMart order amount reach ... etc

Warranty of getting an Unique Coupon :

If you follow theses rules or let it in automatic mode, you wouldn't have any problems.

To ensure that there wouldn't be any conflict. We add a double security control. These control is set for very big web site that may generate a lot of coupons.

In the case of generating the same coupon two times, the process will detect it and make 2 operations :

- regenerate the checksum to ensure the uniqueness
- add a random character in the middle of the coupon (before the checksum)

After that, it checks if the new Coupon is unique ... and so on !

Note : the complexity of the Private key and the Checksum is depending of your coupon generation quantity :

- If you generate a lot of coupons (more than 1000 per month), then use a private Key ≥ 6 and a checksum ≥ 4 .
- If you generate less than 500 coupons per month, then use a private Key ≥ 4 and a checksum ≥ 2 .

Your choice will be higher if the duration of the coupon is more than 2 or 3 months :

- For a duration of 6 months, add 1 to the private key.
- For a duration of 1 year, add 1 to each number (private Key and checksum).
- If it is more than 1 year, add 2 or more to each number

No matter if your predictions are not totally correct, the component adjust automatically the complexity of the coupons by adding new characters if necessary, but try to be approximately right !

Warning :

In VirtueMart, a coupon code has a maximum length of **32 characters** !

4 - Coupons Type

This menu permits to create and manage the type of coupons you want to activate on your Web Site.

Note :
 The installation pre-configure a list of Coupons Types.
 You can use them or delete them. If you want to keep them for a future use, be sure to **unpublish** them to deactivate the generation of this type of coupons.

Coupons types listing

The first screen show the list of your Coupons Types, there is 7 columns :

1. **Name** : this is just a name for you to recognize the coupon type
2. **Event** : describe the type of event (see Hack) that will be concern by this type
3. **Publish** : show if the Type is publish or not,
 - a unpublish type will not generate coupons
 - a publish type can generate coupon (if the correspondant hack is installed)
4. **Amount** : the amount correponding to the coupon generated (in % or currency unit)
5. **Validity** : the life duration (in days) of the coupon generated. After the calculated limit date, the coupon is deleted.
6. **Admins** : do admin will receive an email for each generated coupons
7. **Users** : do admin will receive an email for each generated coupons
8. **Unique** : if a same coupon type has generated a coupon form this user at this time, so a unique type will not compute a second coupon type
9. **Order** : to sort your types and be sure that 2 same coupon type will be read in a certain order.
10. **Format** : a representation of the generated coupon format.

<input type="checkbox"/>	Name	Event	Publish	Amount	Validity	Admins	Users	Unique	Order ↕	Format
<input type="checkbox"/>	CPN products 1	Products of the coupon type	✔		365 d				2	CS-1p-ppp-ppNcccRD
<input type="checkbox"/>	Order limit 1	Threshold of the order > 400	✔	15.00 %	120 d				3	V21p:pp:pppNcccMC
<input type="checkbox"/>	Order limit 2	Threshold of the order > 100	✔	12.00 EUR	90 d				4	V1_1pp_ppppNcccTC

Illustration 3: List of coupon types

The *Format* colum is structured like this :

- First of all the Prefix value
- “n” replaces the configuration for *Size of customer name*

- “pppp...” replaces the configuration for the *Private Key*
- “A” replaces the configuration for the *1st letter of the name*
- “cccc...” replaces the configuration for the *Checksum number*
- At last the suffix value

Event meaning

The Event of Coupon type is corresponding to “what will generate a coupon”. There is 4 types of event :

1. New user registration : this event can be associated to 2 types of registration forms (Joomla! Registration form, VirtueMart Registration form). It depends of which hack you install. This event will send a coupon to the user that just have been registered on your Site. (*To be developped*)
2. VirtueMart specific total amount reach on an order : This event will be used for people who pay an order that reach a specific limit (500 USD, 1000 euros ...). In that case, they will receive automatically a generated coupon.
Be careful to reorder your events from the highest value to the smallest to be sure GW Coupons hack will read them in a correct order !
3. On Buying a coupon product : This event will be used when people buy some product that are reduction coupons , and can be use to be offered to reduce another Order later !
4. A virtueMart order status has been reached on specific product order : This event will be used for people who sells Coupons (gift) on its Web shop. This event will permit to automatically create and send the generated coupon to the customer who buy it.

Coupon type configuration

When you edit a Coupon Type, you can change its setting :

General settings :

- **Name** : the name you want to give to this type
- **Published** : unpublish it if you don't want to generate coupon
- **Coupon type** : specify the type of the coupon
- **Coupon value** : specify the amount of the coupon
- **Coupon calcul mode** : type of amount. Choose between percent (%) or currency unit
- **Delay of validity** : in days before deletion
- **Mail to admin** : if admin receive Joomla! system mails, you can specify here if admin receive GW Coupons mails.
- **Mail to customer** : You can specify here if customer receives GW Coupons mails.
- **Unique mode** : Is this type have to be unique per Order ?

Event Settings :

Just select one of them to specify what type of Coupon it is.

1. **New user registration** : (not working) specify a type of coupon generated when a user subscribe to a registration form
2. **VirtueMart Order total > (greater than)** : Specify a coupon generation on an order reaching a specific amount
3. **Buying a coupon product** : specify the virtuemart products that will correspond to coupon code
4. **VirtueMart order status** : specify which order status will generate the coupon

Encoding coupon settings :

- Automatic encoding : flag that deactivated the other manual parameters
- Prefix : specify 3 characters max at the beginning of the coupon code
- Suffix : specify 3 characters max at the end of the coupon code
- Separator Character: one character to segment the display of the coupon code
- Separator positions : list the positions in the coupon code string separated by semicolon,
example : a coupon code like **ABC12345678XYZ**
a list of separator position like **3;7;12**
for a separator like “-”

Will give a coupon code like : **ABC-1234-5678X-YZ**

(3 separator will be integrate in the coupon code at the three positions specified)

Name: Published: No Yes

Choose the Coupon Type

Coupon Type:

Coupon Type values

Products of the coupon type:

- 1) Hand Tools - Hammer (H02)
- 2) Hand Tools - Hand Shovel (G01)
- 3) Hand Tools - Nice Saw (H01)
- 4) Power Tools - Circular Saw (P02)
- 5) Power Tools - Power Sander (P04)
- 6) Garden Tools - Ladder (G02)
- 7) Garden Tools - Shovel (G03)
- 8) Garden Tools - Smaller Shovel (G04)
- 9) Outdoor Tools - Chain Saw (P01)
- 10) Indoor Tools - Drill (P03)

Details

Coupon value:

Coupon calcul mode: % EUR

delay of validity:

Send mail to admins: No Yes

Send mail to customer: No Yes

Unique Mode: No Yes

Choose the coupon encoding mode and options

Coupon Format: manual automatic

If Manual, Set parameters below:

Prefix:

Suffix:

Separator character:

Separator positions:

Illustration 4: Configuration of a coupon type

5 - Configure the Triggerred Event

GW Coupons works by listening on Joomla! Events ... well, this is nice, but theses events are not all managed in Virtuemart! ... so we need to install a trigger !

What is an trigger ?

A trigger is a way to track an event to synchronize 2 differents actions.

There it is some code source lines that we have to add on the VirtueMart program to link to GW Coupons events with the Joomla Trigger solution.

Installation process

1. Find the PHP file to trggered
2. Edit it in an text editor
3. Find the line to copy the triggered event
4. Copy the code of the trigger and save the PHP file

Note : if the Coupon type is **unpublished** or **deleted** ... there's no matter if you let the Trigger in activity, because first of all, the Trigger is looking to the Coupon type to load and if it doesn't find it or if it is not published ... it doesn't do anything !

Setting up the trigger

The Virtuemart file to trigger is :

“<joomla Site>/administrator/components/com_virtuemart/classes/ps_order.php”

In VirtueMart 1.1, this is just before the line 38 :

```
35: function order_status_update(&$d) {  
36:     global $mosConfig_offset;  
37:     ... here !  
38:     $db = new ps_DB;
```

Copy and paste the 2 bold lines bellow to activate the trigger :

```
function order_status_update(&$d) {  
    global $mosConfig_offset;  
  
    $dispatcher =& JDispatcher::getInstance();  
    $results = $dispatcher->trigger('onAfterVMOrderStatusSet', array(&$d));  
  
    $db = new ps_DB;
```

6 - Use Event to generate Coupons

Test Joomla! registration event

(Not working) Go on your web site and register (via Joomla!) as a new user, you will receive a coupon by e-mail !

Test VirtueMart registration event

(Not working) Go on your web site, try to add a product to your shop card, follow the checkout process and register (via VirtueMart) as a new user, you will receive a coupon by e-mail !

Test reaching a special order amount

Go on your web site, try to buy some products that will generate a big order (to correspond to your GW Coupons Thresholds), follow the checkout process (via VirtueMart).

If you pay online, your order will automatically change to a "Confirmed" status.

If you pay offline, you need to wait for the manual status change in your order to a "Confirmed" status.

The change of your Order in a "**Confirmed**" status will generate the coupon and you will receive it by e-mail !

Test buying a coupon

Go on your web site, try to buy one or more coupons and follow the checkout process (via VirtueMart).

If you pay online, your order will automatically change to a "Confirmed" status.

If you pay offline, you need to wait for the manual status change in your order to a "Confirmed" status.

The change of your Order in a "**Confirmed**" status will generate as much coupons and emails to the customer that you have in your shopping cart !

Manage coupons generated in VirtueMart

All the coupons generated by GW coupons will be saved in the GW Coupons menu called "VirtueMart Coupons".

This menu will show you all coupons generated with 4 columns :

1. the coupon code generated
2. the publish/unpublish status
3. the coupon amount
4. the limit date of validity

<input type="checkbox"/>	Name	Published	Amount	Validity
<input type="checkbox"/>	V1_652_2155S111TC		12.00 EUR	25/05/2009 23:59
<input type="checkbox"/>	V1_618_9481S121TC		12.00 EUR	25/05/2009 23:59
<input type="checkbox"/>	REG 79-5215-3C224KD		10.00 %	29/03/2009 23:59
<input type="checkbox"/>	REG 77-4844-4C262KD		10.00 %	29/03/2009 23:59
<input type="checkbox"/>	REG07-2955-6815KD		10.00 %	29/03/2009 23:59

Illustration 5: List of VirtueMart generated coupons

You can do 2 specials actions on these coupons :

- **Unpublish** : this action will delete the coupon in VirtueMart ... so **be careful** with it because the user that have received this coupon, will not be able to use it anymore !!!
- **Publish** : an unpublished coupon is deleted from VM but always saved in GW Coupons so you can reactivate it by Publish it ! The Publish action will re-create the coupon in VirtueMart. When a coupon is published, you can use the link on its code to go to VirtueMart Coupon code definition.

Note : be careful, the **unpublish** action will delete the VM coupon and the **publish** action will recreate it by using the VM API, so the **ID of the VM Coupon is not the same** when re-publishing it !

A special comment may appear as "- **This coupon does not exist in VirtueMart (id <nnn>)** - ". If you see this message, it seems that the coupon have been deleted manually in VirtueMart or have been used by the customer ... no action are possible, you have to wait for the limit date to be reached, so the GWValidity plugin will delete this record, ... or you can delete this record in the GW Coupons table (jos_gwcoupons_vm).

7 - Specials Features

Frequently asked questions

> *i have got an execution error on the unknow function **bcmod()** ?*

- GW Coupons uses the **BCMATH** API (mathematics) for PHP to compute a secured coupon. You need to have on your web server. If not, ask your provider !

Personalize e-mail sent automatically to users

It is possible to modify and translate e-mail sent to users (and other strings).

You can find one file per language in :

**/administrator/languages/enGB/enGB.plg_system_gwcoupons.ini
(and in /frFR)**

You can modify or add language file based on the existing structure.

For the mails sent to user, you can modify the following values :

***Note** : if you want to add a new langage file and want to help the community,
contact us to integrate your work in the next release ... thanks in advance !*

Each event has specific email content that you can personalize. You can find below the name and explanation of subject and body of e-mail send to user for each event.

Registration coupons

- **SEND_REG_SUB** : for the subject of the email. Be careful about the 2 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. name of the web site

- **SEND_REG_MSG** : for the body of the mail. Be careful about the 5 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. url of the web site
 3. amount of the coupon
 4. limit date of the coupon
 5. coupon code

Threshold order amount

- **SEND_AMO_SUB** : for the subject of the email. Be careful about the 2 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. name of the web site
- **SEND_AMO_MSG** : for the body of the mail. Be careful about the 5 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. url of the web site
 3. amount of the coupon
 4. limit date of the coupon
 5. coupon code

Coupons products

- **SEND_CPN_SUB** : for the subject of the email. Be careful about the 2 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. name of the web site
- **SEND_CPN_MSG** : for the body of the mail. Be careful about the 5 “%s”, they will be replace by these ordered fields :
 1. username of the user
 2. url of the web site
 3. amount of the coupon
 4. limit date of the coupon
 5. coupon code

Upgrading and restore GW Coupons/VirtueMart

Actually, you need to uninstall GW Coupons to upgrade to a new version, because there is Database modifications between the v0.4x and the v0.5x.

So that means that you can save your MySQL datas before uninstall and restore them after the installation of the new version.

There is 3 database tables (including 2 tables to save) in GW Coupons :

- **xxx_gwcoupons**
 - contains all the event type of coupon you plan
- **xxx_gwcoupons_log**
 - Temporary table for the Debug Trace (*no need to save it*)
- **xxx_gwcoupons_vm**
 - contains enhanced datas for the virtuemart coupons (link to the VM coupon, limit date, publish/unpublish ...). this table is working in collaboration with the Virtuemart coupon table.

If you plan to upgrade your **Virtuemart** component, be careful if you don't want to loose your actual Coupons. You need to save the **xxx_vm_coupons** to backup your actual coupons and restore it after the installation of the new version of Virtuemart !

8 - History, Road map and coming features

Version History

This is the list of history releases :

v0.1 : Administration Beta release (7 jan. 2008)

- Admin component to input setting on a single event
- Adding storage of settings in MySQL DB
- Adding the About screen

v0.12 : minor Beta release (9 jan.)

- Adding event on "New User registration"
- Adding configuration settings (separator, limit date ...)
- Info menu : check if VirtueMart is installed
- Adding multilingual function (French and English)

v0.20 : Ergonomic Beta release (10 jan.)

- Cpanel Menu has been released (3 menus : Coupons types, Config and About)
- Complements on multilingual files (French and English)
- Adding multiple event possibility

v0.21 : minor Beta release (12 jan.)

- Cpanel Menu has been enhanced (5 menus and statistics/infos tabs)
- Complements on multilingual files (French and English)

v0.22 : Event Hack Beta release (14 jan.)

- A separator is parameterizable in the coupon encoding configuration
- Add the generated coupon feature (admin screen and DB table)
- The encoding coupon program is running (generation of the coupon format, create the coupon code in VM, set a limit date ...)

v0.23 : minor Beta release (17 jan.)

- corrections of 4 PHP4 compatibility bug.

v0.30 : ObjectOriented release (25 jan.)

- Debug trace has been added (store in DB)
- Configuration menu has been added
- Event and coupon encoding programs has been restructured in PHP classes
- Mail to admin is now parameterizable by coupon type
- An Help and Tips menu has been added
- A uniqueness check on encoding coupon has been enhanced

v0.31 : minor Beta release (27 jan.)

- French and english translation have been completed and are up to date (unless the online help in administration screen ... soon)
- Coupon encoding configuration has been simplified (automatic mode is available)

v0.32 : minor Beta release (2 feb.)

- Complement and correction on the Automatic settings for coupon encoding
- Adding a *GW Coupons logo*

v0.33 : minor Beta release (9 feb.)

- Activate publish/unpublish on generated coupons
- Add the **Mambot** to verify and clean up coupons when the limit date has been reached !
- Minor corrections on CPanel Tab statistics

v0.40 : Major Beta release (15 may 2008)

- Add the two last Hack on VM buying a coupon and VM special Order amount reach
- This release will add compatibility with VM 1.1

v0.50 RC1 : first Release Candidate for stable version (22 april 2009)

- This release will add compatibility with Joomla! 1.5 Native
- Hacks on virtuemart will be replaced by automatic process (Joomla system plugins)
- This version will not be compatible with Joomla 1.0.
- Warning : v0.4x (last version for joomla 1.0) will be maintained for security and bug correction only (no more new fonctionnality for Joomla 1.0) these version will be maintained until 22 july 2009.

Features in future releases

This is a list of coming features :

v0.60 : installation optimization release (oct. 2009 ?)

- Configuration complements (customer mail warning on the end of availability of a coupon (must add the user ID in GW), ...)
- Random personalization of the encoding coupon format during the install process (to ensure that 2 web sites don't have the same coupon format !). Smart install setup to prevent the data deletion when upgrading from an older version of GW Coupons
- Adding an ACL (user group and VM shopper group) on each coupon type to only provide coupons for some user group
- Adding a start and end publishing date on a coupon type, and the choice between ending date or delay
- Finalizing the translation of the online help

V0.70 ? : Compatibility release (jan. 2010 ?)

- Configuration complements (Dynamic display of manual changes on Coupon encoding format ...)
- This version will add the sponsorship functionalities (receive a coupon when N user had registered or buy product with the sponsor code)