

# Module Customer Ratings and Reviews Pro + Google Rich Snippets Module

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Date : July 25<sup>th</sup>, 2017

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## Module purpose

This module is a rich, practical and powerful tool dedicated to ratings and reviews customer + « Google Rich Snippets ». It also offers a very complete product rating and review system.

The «Google Rich Snippets» module will let you configure easily all the options relative to the Snippets code, as well as the ones pertaining to ratings and reviews, from a complete and intuitive interface.

The module integrates a full litigation review system that allows you to contact your bad reviewers and offer them to change their mind on the products they purchased.

The main benefit will be that your results on Google will have a visually enhanced presentation, thereby substantially increasing the click rate on your Google search engine results, even when you are not among the first few results. This in turn will increase your number of visitors.

## Technical description

Version : 4.3.3

Latest update : 07/25/2017

Demo : [http://prestashop-demo.businessstech.fr  
demo@demo.com](http://prestashop-demo.businessstech.fr/demo@demo.com)

demodemo

## Server prerequisites

Minimum PrestaShop version : 1.6

Web Server: your server must include the following standard «\$\_SERVER» variables:

- 'HTTP\_HOST'
- 'REQUEST\_URI'

## Module installation

As for any other module, unzip the .zip file and upload the “gsnippetsreviews” folder via FTP inside the “modules” folder on your server.

Install the module via the back-office as usual.

## Module configuration

## Welcome screen

2 cases:

- First, if you've got the comments product module activated and if there is some reviews, you'd have this screen to import them :

Or if there is no reviews to import, you'd have this screen:  
If "comments product" module is activated

- Second, you should have the default module screen

## Welcome

✓ Welcome and thank you for purchasing the module. This 2 in 1 module lets you 1) Provide your clients and registered visitors with a product rating / review functionality and 2) Include Google Rich Snippets code in your product pages so that you can get visually enhanced listings in Google search results. Please read the documentation carefully (visit the Documentation & Help tab)

## Snippets Settings

You have 3 sub-tabs configuration in this section.

1/ handle your product rich snippets if your theme doesn't include them by default in the product.tpl template :

WELCOME <> SNIPPETS ★ REVIEWS ✎ REVIEW E-MAILS 👤 VOUCHER INCENTIVES 📌 FACEBOOK INTEGRATION ⓘ HELP / FAQ

ⓘ Please click on the sub-tab buttons below to access the corresponding configuration options

GOOGLE RICH SNIPPETS REVIEW SNIPPETS BADGES

### Google rich snippets settings

Include product rich snippets code : ☒ YES ☐ NO ⓘ

Display description tag in badge : ☐ YES ☒ NO

Display brand tag : ☐ YES ☒ NO

Display category tag : ☐ YES ☒ NO

Display breadcrumb tag : ☐ YES ☒ NO

Display identifier tag : ☐ YES ☒ NO

Display supplier tag : ☐ YES ☒ NO

Display condition tag : ☐ YES ☒ NO

Select your offer's type : Offer ⓘ

Display seller tag : ☐ YES ☒ NO

Display price valid until date tag : ☐ YES ☒ NO

Display availability tag : ☐ YES ☒ NO

ⓘ If you enable the "Include product rich snippets code" option, please be sure to click the blue "Badges" button above, to decide how the Snippets badge will be displayed on your product pages.

Update

2/ handle rich snippets including code as individual or aggregate review(s). It is included in the summary review block displayed on the product pages :

GOOGLE RICH SNIPPETS REVIEW SNIPPETS BADGES

### Review rich snippets settings

Reviews : ☒ Individual ☐ Aggregate ⓘ

Update

⌘ Review: Individual or aggregate. If you select "Individual", your enhanced review will include the number of stars from the latest rating and, if a written review was typed, it will be included as well. If you select "Aggregate", it the number of stars will represent the average of all reviews for that product, and the text will be picked automatically by Google from the content of your page.

3/ Handle each position of the review rich snippets badge on any different kind of pages below:

If you have activated « product rich snippets », you'll be able also to configure it on the product pages as the same way of any other badge of pages below.

WELCOME < > SNIPPETS ★ REVIEWS REVIEW E-MAILS VOUCHER INCENTIVES FACEBOOK INTEGRATION HELP / FAQ

Please click on the sub-tab buttons below to access the corresponding configuration options

GOOGLE RICH SNIPPETS REVIEW SNIPPETS BADGES

### Badge settings

Display Snippets Badges : ☒ YES ☐ NO ⓘ

Display badge on the following pages :	Badge	Active	Position	Custom CSS (if you select "custom css" from the position menu)
for home page	<input checked="" type="checkbox"/>	Top, 100% wd		
for each category page	<input checked="" type="checkbox"/>	Left column		
for each brand page	<input checked="" type="checkbox"/>	Left column		
for each product page	<input checked="" type="checkbox"/>	Bottom, 100%		

Update

✎ Display badges : you want snippets included and treated by Google, you should choose badge type as you wish, you have 4 options: for home page, category pages, brand pages and product pages.

✎ Badge position: You have choice between 5 options maximum according to the page type: top, bottom, home page, left column (Prestashop Hooks are used), and a custom setting (only for expert skills with CSS).

## Review settings

You have 6 sub-tabs configuration in this section.

1/ handling global settings around activation or deactivation of your reviews :

WELCOME < > SNIPPETS ★ REVIEWS REVIEW E-MAILS VOUCHER INCENTIVES FACEBOOK INTEGRATION HELP / FAQ

Please click on the sub-tab buttons below to access the corresponding configuration options

GLOBAL PRODUCT PAGE REVIEWS MANAGEMENT ACCOUNT REVIEW PAGE LAST REVIEWS BLOCK STARS IN LIST PAGES Moderate reviews Add a review

### Global Settings

Activating Systems

Activate ratings and reviews : ☒ YES ☐ NO ⓘ

Enable Ratings input : ☒ YES ☐ NO

Enable Comments input : ☒ YES ☐ NO

Update

✎ Activate ratings and reviews : If you activate this option, language filtering will be applied. For example, say one your products has 2 reviews in English and 1 in French. If this is activated, then the English version of your website will say it has 2 reviews, and the French version will say it has 1 review. However, if you do not activate it, then both

languages will say it has 3 reviews. You should set this once and for all on initial setup of the module and avoid changing the setting after that, so as not to confuse Google with the number of ratings changing abruptly.

✖ Enable Ratings input: This will activate the basic « star-rating » functionality.

✖ Enable Comments input: If activated, your customers will also be able to write a review, in addition to the star-rating mechanism.

## 2/ Reviews on the product pages :

Product page Settings

---

Your theme layout : Standard 1.6 theme ⓘ

Hook to display : Product actions ⓘ

Pictogram to choose for rating : 1-star-yellow ⓘ Click here to show a preview

Number of reviews per page : 3 ⓘ

Select image size for review form : large\_default ⓘ Click here to show a preview

---

Social buttons

Display share buttons : YES NO ⓘ

Display count box : YES NO ⓘ

ⓘ If you enable this "display share buttons" option, please be aware that you can also take it further by rewarding your customers for sharing their reviews. To do so, simply go to the "Facebook integration" tab."

Update

✖ Your theme layout: please read the tooltip related to this option by moving your mouse over the option name.

✖ Hook to display: The module will display the detail of ratings in one of the product tabs. But it will also display a block with the summary (average rating and number of ratings and reviews) on one of the hooks available on the product page. This controls where this will appear.

✖ Pictogram to choose for rating: Choose your style for the stars icons. It is a "sprite" image (3 images in one). The first one is used when no rating has been made, the second one when the user hovers with his mouse, and the third one when the rating has been made. You can create new styles if you want. Simply go to the img/admin/picto folder inside the gsnippetsreviews module folder. Duplicate any existing folder, rename it to something different (no spaces or accents, only letters and dashes "-"), and modify the image to your taste, but make sure it is still called "picto.gif" and keep the same image size and space used by each star / element.

✖ Number of reviews per page: For review pagination purposes on the front-office.

✖ Product image size for review form : defines which image size will be used when a customer will write a review. This size is also used on the review standalone display mode and when a customer would change his own rating and / or review after have receiving a litigation review.

✖ Display share buttons : allows you to display share buttons and also display the count box if you want.

### 3/ Reviews management :

#### Handling Review Settings

Require Admin Approval : ☒ YES ☐ NO

Who can review :

Always count and display reviews in the current language ONLY : ☒ YES ☐ NO ⓘ

Number of reviews per page for moderation :

Number of reviews per reviews list page :

⌘ **Require Admin Approval:** This allows you to moderate the written reviews. If activated, any text posted will only be visible on the product page once it has been approved on the back-office moderation tool.

⌘ **Who can review:** This allows you to control who can post a review. At a minimum, with “Any registered customer” the person must have an account on the site and must be logged in. With “Only people who already bought the product to review”, the person will only be able to rate and post a review if they have already bought the product with the same account they are logged in under.

⌘ **Always count an display reviews in the current language only :** If activated, your customers will also be able to write a review, in addition to the star-rating mechanism.

⌘ **Number of reviews per page for moderation:** For review pagination purposes on the back-office moderation tool.

⌘ **Number of reviews per reviews list page:** For review pagination purposes on the front-office reviews list page.

### 4/ Account page settings

#### Customer account review settings

ⓘ Your customers will have access to a “my reviews” section when they visit their account main page. In that section, they will be able to see the products they have not yet reviewed (presented in a visual slideshow fashion), as well as the products they have reviewed (in a simple table format). The settings below give you little bit control on how all this is displayed.

Product Image size for slideshow :  ⓘ ⓘ Click here to show a preview

Width of slideshow container :  ⓘ

Slider time interval :  ⓘ

Slider movement speed :  ⓘ

Please read the tooltip text related to each option by moving your mouse over the option name

### 5/ Last reviews block:

GLOBAL PRODUCT PAGE REVIEWS MANAGEMENT ACCOUNT REVIEW PAGE LAST REVIEWS BLOCK STARS IN LIST PAGES

## Last Reviews Block Settings

The module lets you display a block with the latest customer reviews on various sections of your website. The options below give you control over how this is all displayed.

Display block of last reviews : YES NO

Number of reviews to display : 3

Display block on the following pages :

Page	Active	Hook	Width	Truncate comments
home page	<input checked="" type="checkbox"/>	Home	100 %	30 chars
category page	<input checked="" type="checkbox"/>	Top	100 %	30 chars
brand page	<input checked="" type="checkbox"/>	Top	100 %	30 chars
product page	<input checked="" type="checkbox"/>	Top	100 %	30 chars
other pages	<input checked="" type="checkbox"/>	Top	100 %	30 chars

Display before the Badge block : YES NO

Update

Please read the tooltip text related to each option by moving your mouse over the option name

## 6/ Star in list pages:

GLOBAL PRODUCT PAGE REVIEWS MANAGEMENT ACCOUNT REVIEW PAGE LAST REVIEWS BLOCK STARS IN LIST PAGES

Moderate reviews

Add a review

Product star ratings in list pages (e.g: category / brand / search etc..)

You can also have the average rating appear on list pages (e.g: category / brand / search etc..) for each product (guaranteed to work on the default PrestaShop theme ONLY). To do so, simply copy and paste the code below in the product-list.tpl template of your theme, right after the <p class="product\_desc"></p> tag of the product description:

**IMPORTANT NOTE:** This is very technical, and if you are not an integrator or webmaster, simply ignore this section

```
{literal}
<div id="productRating"{literal}{$product.id_product|intval}{literal}"></div>
<script>
$(document).ready(function(){
    get.getProductAverage({literal}{$product.id_product|intval}{literal}, '');
});
</script>
{/literal}
```

⌘ Javascript blue screen : You can copy paste the displayed code in your product-list.tpl as it is noticed. Like this, you will get a rendering layout with five-stars review system under each displayed product on the page.



## Review e-mail settings

You have 3 sub-tabs configuration in this section.

1/ reviews e-mails :

REVIEW E-MAILS

REVIEW LITIGATION E-MAILS

REMINDERS

### Review e-mail settings

**Subject of notification email when a review is published :**

Your review has been published

en ▼



**Set default image type for products :**

small\_default



**Receive an alert by email :**

YES

NO



**Enter your email address for notifications :**

✎ Receive an alert by email: If activated, this will allow you to receive an e-mail notification when a new review / rating is posted.

For the other options, please refer to the tooltip text.

2/ Review litigation e-mails :

REVIEW E-MAILS

REVIEW LITIGATION E-MAILS

REMINDERS

### Review litigation e-mails



There are times when your customers will leave unfair or inadequate reviews, and you will want to have a chance to contact the customer and try to convince him / her to modify his / her rating and / or review. To save you time, this section allows you to predefine the text of the e-mail subject and main content. The main content can then of course be personalized on a case by case basis when you reply to a customer review.

**Subject of the e-mail :** The shop owner has replied to you

en ▼



**Default content of the e-mail :**

Thank you for your product review on our website. We always welcome feedback, whether it is positive or negative. However, in this particular case, we feel that this review was unfair and would like to have a chance to invite you to change your mind. Here is why:

en ▼



This section allows you to configure the e-mail subject and the body of your reply and why you decide to ask to your customer to change his rating and review.

3/ reminders :

Send a member reminder email for customers

**IMPORTANT NOTE:** This requires you have a CSV file and your user has the role of "Individual" or "Document Manager" or "Staff" (not admin). For detailed instructions, from CSV files, see: <http://www.b2b-gps.com/b2b-gps-getting-started-with-new.php#1>, <http://www.b2b-gps.com/b2b-gps-getting-started-with-new.php#2>

Send reminder subject:

Select all:

- ☐ Select all
- ☐ I'm not in government per Chicago
- ☐ Payment is correct
- ☐ Payment is correct
- ☐ It was not the product
- ☐ Lost
- ☐ Didn't
- ☐ Not happy
- ☐ I'm not in government
- ☐ It's not in my government
- ☐ It's not in my government
- ☐ It's not in my government
- ☐ Payment is correct
- ☐ Payment is correct
- ☐ Payment is correct

Delay for sending reminder email:

You can check your last email reminder cron job:

Report your past orders and send a reminder to the customer who placed them

**IMPORTANT NOTE:** This feature is available to update our users and you will only send them a reminder if you have a reminder for them. In the past, we have recommended not going back more than 1-2 months and in the first batch of updates a reminder will go out. They will receive the reminder. You can check the reminder for your customers who placed your orders with the reminder.

⌘ Send a callback email review: If activated, when a customer purchases a product on your shop, an e-mail will be sent to him after X days (specify below after selecting "yes" here) to invite him to rate the product. **IMPORTANT NOTE:** This requires to set a CRON task on your server. See the next section below.

You have to select the type of order statuses you'd consider to be used to sending reminders. Before to be sent each reminder will check the order status and the configured delay.

You also can check the last cron report by clicking on button, a popin will be displayed with the last cron job details.

Customer have the choice to not receive the reminders anymore by deactivate it in to his own shop account :

ACCUEIL

ROBES

ALL SUPPLIERS

ALL MANUFACTURERS

🏠

My account

My Reviews

REVIEW OPTIONS

☒ Send me a reminder e-mail to rate products after each order I place.

☒ Settings updated (e-mail reminders are now active)

PRODUCTS YOU HAVE PURCHASED BUT HAVE NOT YET RATED

Robe de soie imprimée

Robe mousseline imprimée longueur genou avec lanières de serrage. Découleté en V.

Select your rating below

★★★★★

👍 Rate this product

◀

▶

PRODUCTS YOU HAVE PURCHASED AND HAVE ALREADY RATED

Product	Rating	Adding date	Title	Modify my review	Status
Robe d'été imprimée - Couleur : Jaune, Taille : S	★★★★★	07/01/2015	test as guest 4	No reply	👍

⏪ Back to Your Account

⏪ Home

[← Back to Your Account](#) [← Home](#) Les paramètres nécessaires sont manquants ou erronés.

✧ **Import orders from this date onwards:** This allows you to import your past orders, and you'll be able to send a reminder e-mail to each customer who has purchased products from those orders.

## Setting a CRON task for optional e-mail reminders

### Definition

CRON is “a time-based job scheduler in Unix-like computer operating systems. The name cron comes from the word “chronos”, Greek for “time”. Cron enables users to schedule jobs (commands or shell scripts) to run periodically at certain times or dates” (source: <http://en.wikipedia.org/wiki/Cron>).

### URL to execute

The URL to execute via CRON will be, for example:

<http://www.mysite.com/modules/gsnippetsreviews/cron.php>

Of course, you’ll want to replace “mysite.com” with your real shop URL (and don’t forget to include any subdirectory such as “shop” if your PrestaShop Installation is like

<http://www.mysite.com/shop>).

### Frequency

You’ll want to run your CRON task every day, at a time that is convenient / appropriate to receive e-mail reminders (late morning around 11:00 is usually a good time).

### Setup via crontab (for users with technical / Linux knowledge)

CRON tasks are usually set up by editing a crontab file and adding a line.

**IMPORTANT :** The CRON’s line you’re going to configure must be executed as a web server request by prefixing your line with lynx application (text browser), or any wget / curl commands that implies to use the web server engine. This allows that your request will be successfully executed in the web server context and get all the PHP environment variables as needed for your PrestaShop execution. DO NOT put the physical path of the script, and only put the script URL that you can find in the module’s back-office.

For example:

```
0 2 * * * lynx -dump http://www.mysite.com/modules/gsnippetsreviews/cron.php > /dev/null
```

This example will execute the URL every night at 2:00AM (this precise example requires that the text based browser Lynx be installed on the server).

### Setup via an online service

You can also use a free online service such as <http://www.onlinecronjobs.com> and just enter there the URL to execute and the timing.

### Voucher Incentive configuration

This section lets you offer your customers incentives for posting a comment. You can, if you want, offer them a small voucher amount for each product they review, which they will be able to redeem on their next purchase. If you activate it, a message will also be displayed on the product page above the review form to let people know this feature is available and to encourage them to review your products. Any reminder e-mails sent to them if you activate those will also include this information.

**Voucher Incentive Settings**

This section lets you offer your customers incentives for posting a comment. You can, if you want, offer them a small voucher amount for each product they review, which they will be able to redeem on their next purchase. If you activate it, a message will also be displayed on the product page above the review form to let people know this feature is available and to encourage them to review your products. Any reminder e-mails sent to them if you activate those will also include this information.

---

**Configure your voucher for posting comments :** YES NO ⓘ

\* Code : GSR ⓘ  
⚠ Invalid characters: numbers and <>~?+=()@#%&'";\$%:

Type : Discount on order (amount) ⓘ

\* Value : 0 \$ % Tax Excluded ⓘ

\* Description : ⓘ en ▼ ⓘ

Categories :

- ☒ All
- ☐ Femme
  - ☐ Hauts
    - ☐ + T-shirts
    - ☐ + Hauts
    - ☐ + Blouses
  - ☐ Robes
    - ☐ + Robes simples
    - ☐ + Robes de soirée
    - ☐ + Robes d'été

Maximum quantity available : 0 ⓘ

Minimum order / purchase amount : 0 ⓘ

Validity : 365 ⓘ  
⚠ In days

Highlight : YES NO ⓘ

Cumulative with others vouchers : YES NO

Cumulative with price reductions : YES NO

This is an example of a voucher configuration setup. It will be used as a template for each unique customer voucher that will be created. You can change it at any time and future vouchers created will use the new values.

## Facebook Integration

The module lets you integrate with our Facebook PS Wall Posts module (available on <http://prestashop-modules.business-tech.fr/en/prestashop-modules-social-networks-facebook/10-facebook-ps-wall-post.html> or <http://addons.prestashop.com>).

It allows you to have any ratings and comments posted on a product on your PrestaShop website to be also automatically posted to your Facebook fan page. If you have enabled comments moderation in the "Review Settings" tab, it will only be posted once you approve the rating and comment in the moderation interface.

If you have not purchased, installed and configured the Wall Posts module, you will see this screen:

Once everything is all set, the following will become available if you reload the Rich Snippets configuration screen:

## Vouchers for sharing on Facebook

Independently of vouchers that you can offer customers for reviewing products, you can also reward them with vouchers for sharing their review on their Facebook page. The configuration works just like for the review vouchers.

[illegible]

## Review moderation

**NOTE:** The review moderation tool is not displayed in the module configuration interface. It has its own Admin Tab, which will be added by default under the main “Modules” tab or through the “reviews” module’s tab.

MODERATION

ADD

HELP / FAQ

For each of the reviews below, you can click the magnifier glass icon to view the details.

Bulk actions:

ACTIVATE

GO

<input type="checkbox"/> All	Shop	Details	ID	Customer	Product	Adding date	Rating	Title	Status	Abuse flag	Edit	Review litigation	Delete
<input type="checkbox"/>	dev1609 (ID: 1)		5	Thomas B.	Robe d'été imprimee	2015/01/07	5 / 5	Happy and hasn't changed the rating					

RATING & REVIEWS DETAIL

Thomas Bussemont

English (United States), posted on 2015/01/07 (updated on 2015/01/19)

New review

★★★★★

(5 / 5)

Happy and hasn't changed the rating

Sell very good product!

Thank you for your support

Regards

Old review

★★★★★

(5 / 5)

test as guest 4

test as guest in english

	ID	Customer	Product	Adding date	Rating	Title	Status	Abuse flag	Edit	Review litigation	Delete	
<input type="checkbox"/>	dev1609 (ID: 1)	4	Dablene N.	Robe d'été imprimee	2015/01/07	5 / 5	Test client modification					
<input type="checkbox"/>	dev1609 (ID: 1)	3	Dablene N.	Robe imprimee	2015/01/07	5 / 5	Test client					
<input type="checkbox"/>	dev1609 (ID: 1)	2	Dablene N.	Robe imprimee	2015/01/07	5 / 5	Test client account link					
<input type="checkbox"/>	dev1609 (ID: 1)	1	Nicolas D.	Robe d'été imprimee	2015/01/06	5 / 5	Review sans confirmation					

You can :

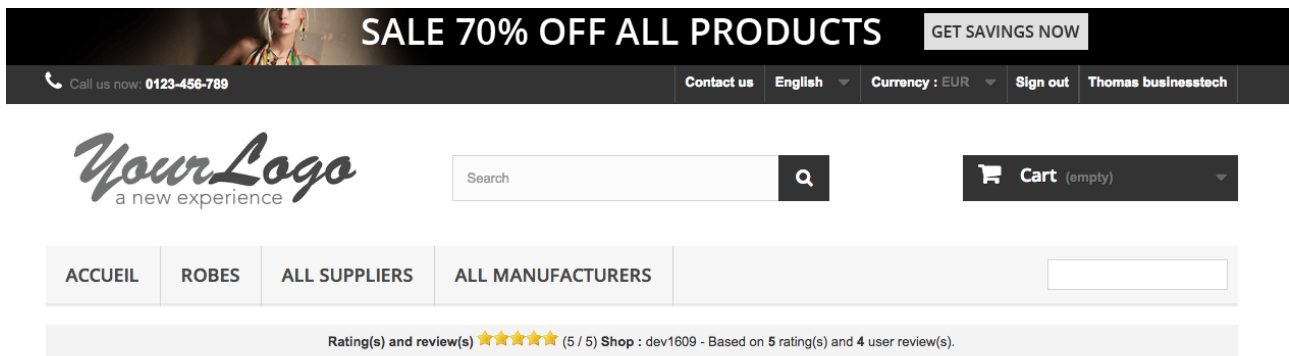
- Activate or deactivate a comment by clicking on the status (red cross or green check) icon
- Activate a review again which has been declared as abusive.
- Write a litigation review reply to a rating and / or comment that you would feel as unfair.
- Modify / update a comment by clicking on the Edit (pencil) icon. This allows you to correct any typos or grammatical errors, or even re-word a bit the comment if the person used inappropriate language.
- Delete a rating and / or comment by clicking the delete (trash can) icon
- Do a bulk status change or delete by using the bulk action pull-down menu above the list of reviews

Each column has upwards and downwards arrows to allow you to sort on any column as desired.

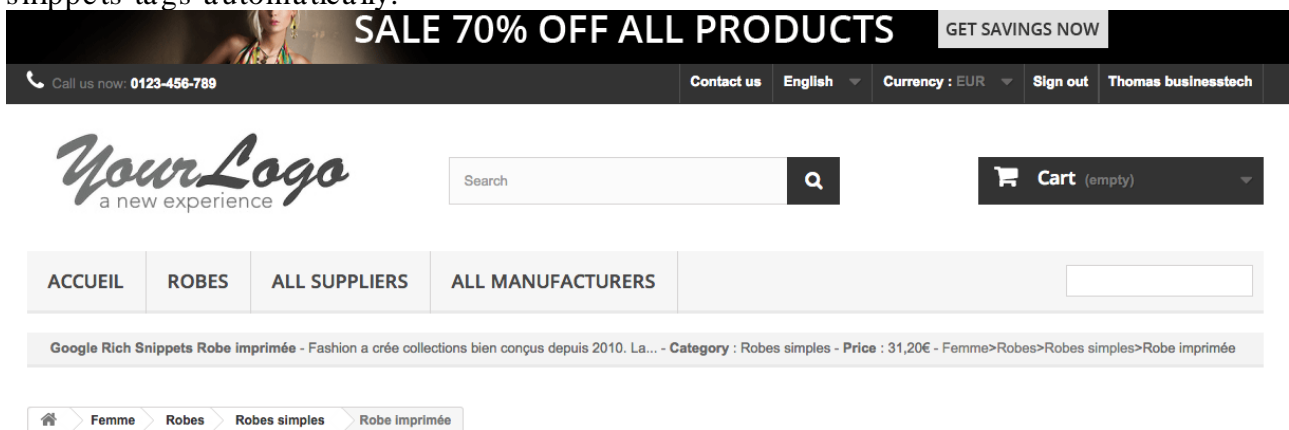
## Module's layout

We simply show you which configurable elements you'll find on the module's front-office

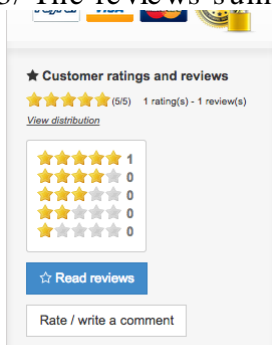
1/ Reviews rich snippets home page badge:



2/ Product rich snippets badge on product pages for all themes that do not include rich snippets tags automatically:



3/ The reviews summary block on the product pages:



## ☆ REVIEWS

By **Thomas B.** (Mougins-le-haut, France) on 07 Jan. 2015 (Robe d'été imprimée) :

(5/5) ★★★★★

**Happy and hasn't changed the rating**

Still very good product!

Thank you for your support!

Regards

 Like   Tweet

 Report abuse

Thank you for your product review on our website. We always welcome feedback, whether it is positive or negative. However, in this particular case, we feel that this review was unfair and would like to have a chance to invite you to change your mind. Here is why:

test litigation review

OK!!!

Shop owner reply on 19 Jan. 2015

By **Dabène N.** (22222, France) on 07 Jan. 2015 (Robe d'été imprimée) :

(5/5) ★★★★★

**Test client modération**

Test client modération

 Like   Tweet

 Report abuse

## 4/ Last reviews block:

*Your Logo*  
a new experience

Search



**Cart** (empty)

ACCUEIL

ROBES

ALL SUPPLIERS

ALL MANUFACTURERS

## LAST REVIEWS

By **Thomas B.** (Mougins-le-haut, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Still very good product!...

By **Dabène N.** (22222, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Test client modération

By **Dabène N.** (22222, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Test client

[All reviews >](#)

## 5/ "All reviews" page:




ACCUEIL

ROBES

ALL SUPPLIERS

ALL MANUFACTURERS

 all reviews

## ALL REVIEWS

By **Thomas B.** (Mougins-le-haut, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Robe d'été imprimée

Title : Happy and hasn't changed the rating

Comment : Still very good product!

Thank you for your support!

Regards

 Like { 0 }  Tweet { 0 }

 Report abuse

“ Thank you for your product review on our website. We always welcome feedback, whether it is positive or negative. However, in this particular case, we feel that this review was unfair and would like to have a chance to invite you to change your mind. Here is why:

test litigation review

OK!!! ”

Shop owner reply on 19 Jan. 2015 —

By **Dabène N.** (22222, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Robe d'été imprimée

Title : Test client modération

Comment : Test client modération

 Like { 0 }  Tweet { 0 }

 Report abuse

By **Dabène N.** (22222, France) on 07 Jan. 2015 :

(5/5) ★★★★★

Robe imprimée

Title : Test client

Comment : Test client

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1 2 Next »

6/ integration of stars rating in product-list.tpl template :

ROBES SIMPLES

ROBES DE  
SOIRÉE

ROBES D'ÉTÉ

Sort by --

Show 12 per page

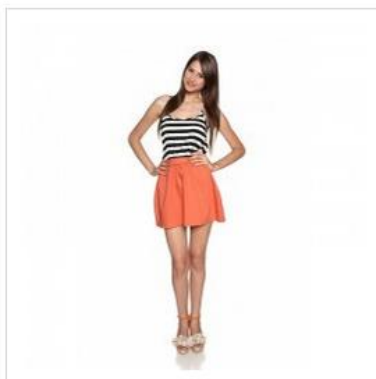
View:    
Grid List

Showing 1 - 12 of 15 items

< Previous 1 2 Next >

Show all

Compare (0) >



Robe imprimée

★★★★★ 1 rating(s)

31,20 €



In Stock



Robe imprimée

61,19 €



Product available with different options



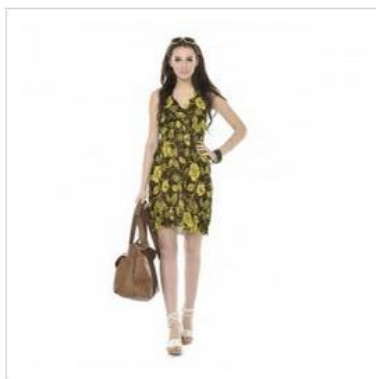
Robe d'été imprimée

★★★★★ 2 rating(s)

34,78 € ~~36,61 €~~ -5%



En stock



Robe d'été imprimée

★★★★★ 1 rating(s)

36,60 €



In Stock



Robe de soie imprimée

19,68 € ~~24,60 €~~ -20%



En stock



Robe d'été imprimée

36,60 €



Out of stock

## Note to developers

### Architecture

Module architecture is decomposed like this (look PHP Doc in gsnippetsreviews class):

- conf/
  - common: used by all conf. Defines main path and globals variables.
  - admin: only used in admin context
  - install: only used in install context
  - hook: only used in displaying hook context which module is hooked.
- lib/install
  - i-install\_class.php (interface)
  - install-ctrl\_class.php (controller = design pattern «factory»)
  - install-config\_class.php (business class)
  - install-sql\_class.php (business class)
  - install-tab\_class.php (business class)
- lib/admin
  - i-admin.class.php (interface)
  - admin-ctrl.class.php (controller = design pattern «strategy»)
  - admin-display\_class.php (business class)
  - admin-update\_class.php (business class)
  - admin-send\_class.php (business class)
  - admin-delete\_class.php (business class)
- lib/hook
  - hook-ctrl\_class.php (controller)
  - hook-base\_class.php (abstract)
  - hook-display\_class.php (business class)
  - hook-update\_class.php (business class)
- lib/reviews
  - review-ctrl.class.php (contrôleur)
  - review\_class.php (business class)
  - review-dao\_class.php (business class)
  - rating\_class.php (business class)
  - rating-dao\_class.php (business class)
- lib/common => all common Business Tech classes
- lib/module-dao\_class.php => all **Data access Object's** shared method
- lib/module-tools\_class.php => all shared method
- lib/warnings\_class.php => set warnings managed by Prestashop
- lib/mail-send\_class.php => class for sending e-mails
- lib/facebook-ctrl\_class.php => class for manage FB action
- templates/
  - admin/ => templates – used only for Back Office
  - hook/ => templates – used only for Front Office

### Tips and tricks

Each «business» class used in «lib/admin» or «lib/hook» have to return associative array :  
‘tpl’ => template name to be used  
‘assign’ smarty assigned values

In this way, displayModule() function aggregates layout.