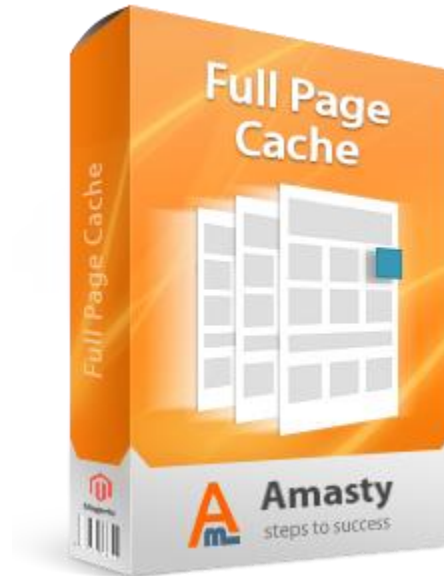


# Full Page Cache



## Magento Extension User Guide

**Official extension page:** [Full Page Cache](#)



**User Guide:** [Full Page Cache](#)

Support: <http://amasty.com/contacts/>

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To find the extension settings please go to System  
-> Configuration-> Amasty  
Full Page Cache

# 1. Full Page Cache general settings

Catalog Mobile Customers Promotions Newsletter CMS Reports **System** Get help for this page

Current Configuration Scope:  
Default Config Manage Stores

**Configuration**

- GENERAL
  - General
  - Web
  - Design
  - Currency Setup
  - Store Email Addresses
  - Contacts
  - Reports
  - Content Management
- CATALOG
  - Catalog
  - Inventory
  - Google Sitemap
  - RSS Feeds
  - Email to a Friend
- CUSTOMERS
  - Newsletter
  - Customer Configuration
  - Wishlist
  - Promotions

**Amasty Full Page Cache** Save Config

**General Settings**

Page Cache Lifetime: 72 [STORE VIEW]  
▲ Hours

Enable Dynamic Blocks: Yes ☐ [STORE VIEW]

Block Cache Lifetime: 3 [STORE VIEW]  
▲ Hours

Single Customer Group: No [STORE VIEW]  
▲ Don't separate a cache for different customer groups

**Pages**

Cache All Pages: Yes  
▲ When this option is enabled, pages with private information field and are not cached. E.g. redirect pages of payment gateways, pages with payment forms, account information, etc.

Ignore List: [STORE VIEW]  
checkout  
^/customer/  
/paypal/  
^/catalog/product\_compare/  
^/wishlist/  
^/sales/order/  
^/amlist/  
^/svm/svmPayment/  
^/securehosting/  
/redirect/  
/inipay/  
/payment/  
▲ Prevent Caching of These Pages

Specify the time period for updating your cache.

Choose whether to cache dynamic blocks or not. Also setup their update time.

Enable this option not to separate cache for different customer groups. This will help to improve storage usage.



# 1. Full Page Cache general settings

**Pages**

Cache All Pages ☐ Yes

▲ When this option is enabled, please make sure that all pages with private information are added to 'Ignore List' field and are not cached. E.g. redirect pages of payment gateways, pages with payment forms, account information, etc.

Ignore List

checkout  
^/customer/  
/paypal/  
^/catalog/product\_compare/  
^/wishlist/  
^/sales/order/  
^/amlist/  
^/svm/svmPayment/  
^/securehosting/  
/redirect/  
/inipay/  
/payment/

▲ Prevent Caching of These Pages

GET Params To Bypass Cache price,limit,order,dir,amfpc\_nocache,amfpc\_ajax\_bl [GLOBAL]

▲ Pages with URLs containing specified GET params will not be cached.

GET Params To Ignore gclid, \_\_from\_store, \_\_store

▲ URLs with specified parameters will be cached as same pages compared to URLs with no these parameters to avoid duplication.

**NOTE:** By default the following pages are excluded from caching: checkout page, shopping cart page, customer account page, wishlist, product comparison. If on your website you have custom urls for these pages (check this), please specify them in this field. It is **extremely important** to keep shopping cart page and all checkout pages uncached for correct operation of checkout process.

You are able to exclude pages from caching.

Pages containing specified GET params in their URLs will not be cached.

Pages containing specified parameters in URLs will be cached like the same pages without these parameters in their URLs. This will help to avoid content duplication.



# 1. Full Page Cache general settings

**Product**

Flush Product Page Cache After Each Purchase:  [STORE VIEW]  
Choose whether to flush only product pages or associated pages as well.  
Options: No, Flush only product page, Also flush associated pages

**Category**

Flush Entire Page Cache After Each Category Update:  [STORE VIEW]  
Switch this option to 'Yes' if you need to flush entire page cache after each category update. This will help you timely update your navigation menu.  
May be useful to keep you navigation menu up to date.

**Mobile Design**

Enabled:  [STORE VIEW]  
Here you can enable the support of mobile themes.

**Cache Storage Settings**

Enable GZIP:  [STORE VIEW]  
Increases CPU load, but can lower required storage size.

Compression Level:  [STORE VIEW]  
From 0 to 9. The higher value is, more CPU capacity is required to compress data.

Maximum Storage Size:  [GLOBAL]  
In Megabytes. Available for DB cache storage only.

Use this option to compress your data for cache storage. You can also choose the level of compression.

Specify maximum available size for cache storage.



# 1. Full Page Cache general settings

|   |  |              |
|---|--|--------------|
| Product   |  |              |
| Flush Product Page Cache After Each Purchase  | No                                       | [STORE VIEW] |
| ▲ Might be useful when you show current stock level.                                |  |              |
| Category  |  |              |
| Flush Entire Page Cache After Each Category Update                                  | No                                       | [STORE VIEW] |
| ▲ May be useful to keep you navigation menu up to date.                             |  |              |
| Mobile Design   |  |              |
| Enabled   | No                                       | [GLOBAL]     |
| Cache Storage Settings  |  |              |
| Enable GZIP   | None                                     | [STORE VIEW] |
| ▲ Increases CPU load, but can lower required storage size.                          |  |              |
| Compression Level   | 6  | [GLOBAL]     |
| ▲ From 0 to 9. The higher value is, more CPU capacity is required to compress data. |  |              |
| Maximum Storage Size  | 0  | [GLOBAL]     |
| ▲ In Megabytes. Available for DB cache storage only.                                |  |              |
| Search Engines  |  |              |
| Don't Start Session for Search Engines  | Yes                                      | [GLOBAL]     |
| User Agents   | Googlebot bingbot YandexBot yahoo msnbot | [GLOBAL]     |
| ▲ Regular expression  |  |              |
| Statistics  |  |              |
| Developer Settings  |  |              |

**SEO improvement feature. Helps robots index your site more quickly.**

**Use this option to compress your data for cache storage. You can also choose the level of compression.**

**Specify maximum available size for cache storage.**



# 1. Full Page Cache general settings

SEO improvement feature. Helps robots index your site more quickly.

| Search Engines                         |   |          |
|--|---|----------|
| Don't Start Session for Search Engines | <input type="text" value="Yes"/>  | [GLOBAL] |
| User Agents                            | <input type="text" value="Googlebot bingbot YandexBot yahoo msnbot PTST"/><br><small>▲ Regular expression</small> | [GLOBAL] |

| Statistics                    |   |          |
|-------------------------------|---|----------|
| Collect Page Visit Statistics | <input type="text" value="No"/><br><small>▲ Used by crawler extension</small> | [GLOBAL] |

| Cache Regeneration                              |   |          |
|---|---|----------|
| Reset Page Lifetime When It Visited By Customer | <input type="text" value="Yes"/>  | [GLOBAL] |
| Crawler Action                                  | <input type="text" value="Regenerate cache lifetime"/><br><input type="text" value="None"/><br><input type="text" value="Regenerate cache lifetime"/><br><input type="text" value="Re-crawl page"/> | [G       |

| Developer Settings                            |                                  |          |
|---|----------------------------------|----------|
| Enable Debug Hints                            | <input type="text" value="No"/>  | [G       |
| Show Time Stats                               | <input type="text" value="Yes"/> | [G       |
| Hidden Stats in HTML Comment                  | <input type="text" value="No"/>  | [G       |
| Display All Block Names                       | <input type="text" value="No"/>  | [GLOB    |
| Show Debug Information Only For               | <input type="text"/>             | [GLOBAL] |
| <small>▲ Comma separated IP addresses</small> |                                  |          |

Set this option to 'Yes' to use the FPC built-in table as a source to generate page URLs queue for crawling (see page 19).

After the page is visited by a customer and the page cache is 'warmed' this setting will reset page life time.

For a proper crawler work you can:

- Regenerate cache lifetime (if a particular page has been already cached, the cache lifetime will be automatically reset);
- Re-crawl page (the setting will not only reset page lifetime, but newly cache the page).



# 1. Full Page Cache general settings

| Search Engines                         |   |          |
|--|---|----------|
| Don't Start Session for Search Engines | <input type="text" value="Yes"/>  | [GLOBAL] |
| User Agents                            | <input type="text" value="Googlebot bingbot YandexBot yahoo msnbot PTST"/><br><small>▲ Regular expression</small> | [GLOBAL] |

| Statistics                    |   |          |
|-------------------------------|---|----------|
| Collect Page Visit Statistics | <input type="text" value="No"/><br><small>▲ Used by crawler extension</small> | [GLOBAL] |

| Cache Regeneration                              |  |          |
|---|--|----------|
| Reset Page Lifetime When It Visited By Customer | <input type="text" value="Yes"/>   | [GLOBAL] |
| Crawler Action                                  | <input type="text" value="Regenerate cache lifetime"/><br><small>▲ Action performed when crawler requests already crawled page</small> | [GLOBAL] |

| Developer Settings              |   |          |
|---------------------------------|---|----------|
| Enable Debug Hints              | <input type="text" value="No"/>                                       | [GLOBAL] |
| Show Time Stats                 | <input type="text" value="Yes"/>                                      | [GLOBAL] |
| Hidden Stats in HTML Comment    | <input type="text" value="No"/>                                       |          |
| Display All Block Names         | <input type="text" value="No"/>                                       |          |
| Show Debug Information Only For | <input type="text"/><br><small>▲ Comma separated IP addresses</small> |          |

Set this option to “yes” if you want to check out page load time right on the frontend.

Enable this option to show statistics in a page source code instead of frontend.





# 1. Full Page Cache general settings

| Search Engines                         |   |          |
|--|---|----------|
| Don't Start Session for Search Engines | <input type="text" value="Yes"/>  | [GLOBAL] |
| User Agents                            | <input type="text" value="Googlebot bingbot YandexBot yahoo msnbot PTST"/><br><small>▲ Regular expression</small> | [GLOBAL] |

| Statistics                                 |                                 |          |
|--|---------------------------------|----------|
| Collect Page Visit Statistics              | <input type="text" value="No"/> | [GLOBAL] |
| <small>▲ Used by crawler extension</small> |                                 |          |

| Cache Regeneration                              |  |          |
|---|--|----------|
| Reset Page Lifetime When It Visited By Customer | <input type="text" value="Yes"/>   | [GLOBAL] |
| Crawler Action                                  | <input type="text" value="Regenerate cache lifetime"/><br><small>▲ Action performed when crawler requests already crawled page</small> | [GLOBAL] |

| Developer Settings                            |                                  |          |
|---|----------------------------------|----------|
| Enable Debug Hints                            | <input type="text" value="No"/>  | [GLOBAL] |
| Show Time Stats                               | <input type="text" value="Yes"/> | [GLOBAL] |
| Hidden Stats in HTML Comment                  | <input type="text" value="Yes"/> |          |
| Display All Block Names                       | <input type="text" value="Yes"/> |          |
| Display Block Template Path                   | <input type="text" value="Yes"/> | [GLOBAL] |
| Show Debug Information Only For               | <input type="text" value=""/>    | [GLOBAL] |
| <small>▲ Comma separated IP addresses</small> |                                  |          |

Enable the display of all block names on the page.

Switch on the display of template names.


Specify IP addresses for which you want to display debug information.



## 2. Frontend Examples

FPC: Late page load

FPC: header (refresh)

 **Magento®**

Search entire store here...


Default welcome msg!


[My Account](#) | [My Wishlist](#) | [My Cart \(1 item\)](#) | [Checkout](#) | [Log In](#)


Your Language: English


Furniture Electronics Apparel


**Best Selling Products**

  
**Anashria**  
Get it while they last  
Limited Offer 20% OFF

  
[Sony VAIQ VGN-TXN27N/B 11.1" Notebook PC](#)  
See all [Laptops](#)

  
[Nine West Women's Lucero Pump](#)  
See all [Shoes](#)

  
[ASICS® Men's GEL-Kayano® XII](#)  
See all [Shoes](#)


  
[Coalesce: Functioning On Impatience T-Shirt](#)  
See all [Shirts](#)

**COMPARE PRODUCTS**  
You have no items to compare.

**FPC: cart\_sidebar (refresh)**

**MY CART**  
There is [1 item](#) in your cart.  
Cart Subtotal: \$89.99

**Recently added item(s)**

 [Nine West Women's Lucero Pump](#)  
1 x \$89.99  
[Details](#)

**FPC: right.reports.product.viewed (refresh)**

**RECENTLY VIEWED PRODUCTS**

[The Get Up Kids: Band Camp Pullover Hoodie](#)

[ASICS® Men's GEL-Kayano® XII](#)

**Debug mode is enabled. Highlights the module configuration issues and helps you to find and fix problems faster if they occur.**


## 2. Debug mode on the front end

The screenshot shows a Magento storefront with several annotations indicating the file paths for different blocks and templates:

- Breadcrumbs:**
  - Block: `breadcrumbs`
  - Template: `frontend/base/default/template/page/html/breadcrumbs.phtml`
- Global Messages:**
  - Block: `global_messages`
  - Template: `frontend/base/default/template/global_messages`
- Amdemotips Tips:**
  - Block: `amdemotips.tips`
  - Template: `frontend/base/default/template/amasty/amdemotips/tips.phtml`
- Category Products:**
  - Block: `category.products`
  - Template: `frontend/base/default/template/catalog/category/view.phtml`
- Furniture Section:**
  - Block: `messages`
  - Template: `frontend/base/default/template/`
- Shopping Options:**
  - Block: `CATEGORY`
  - Template: `frontend/base/default/template/catalog/layer/state.phtml`
  - Block: `PRICE`
  - Template: `frontend/base/default/template/catalog/layer/view.phtml`
  - Block: `COLOR`
  - Template: `frontend/base/default/template/catalog/layer/view.phtml`
- Product List:**
  - Block: `product_list`
  - Template: `frontend/base/default/template/catalog/product/list.phtml`
  - Block: `product_list_toolbar`
  - Template: `frontend/base/default/template/catalog/product/list/toolbar.phtml`
  - Block: `product_list_toolbar_pager`
  - Template: `frontend/base/default/template/page/html/pager.phtml`
- Checkout:**
  - Block: `checkout.cart`
  - Template: `frontend/base/default/template/checkout/cart/sidebar.phtml`
- Wishlist:**
  - Block: `wishlist.sidebar`
  - Template: `frontend/base/default/template/wishlist/sidebar.phtml`
- Callouts:**
  - Block: `callouts.right_col`
  - Template: `frontend/base/default/template/callouts/right_col.phtml`

A callout box with an orange border and a speech bubble icon contains the text: "Display all block names and block template path on the front end."

### 3. Amasty Full Page Cache management

 **Magento Admin Panel**

Global Record Search

Logged in as admin | Thursday, May 8, 2014 | [Try Magento Go for Free](#) | [Log Out](#)

Dashboard | Sales | Catalog | Mobile | Customers | Promotions | Newsletter | CMS | Reports | **System** | [Get help for this page](#)

#### Cache Storage Management

[✖ Flush Magento Cache](#) [✖ Flush Cache Storage](#)

| Select All   Unselect All   Select Visible   Unselect Visible   0 items selected |  |                          |          | Actions | Refresh | Submit |
|--|--|--------------------------|----------|---------|---------|--------|
| Cache Type   | Description  | Associated Tags          | Status   |         |         |        |
| <input type="checkbox"/> Configuration   | System(config.xml, local.xml) and modules configuration files(config.xml). | CONFIG                   | ENABLED  |         |         |        |
| <input type="checkbox"/> Layouts   | Layout building instructions.  | LAYOUT_GENERAL_CACHE_TAG | ENABLED  |         |         |        |
| <input type="checkbox"/> Blocks HTML output                                      | Page blocks HTML.  | BLOCK_HTML               | ENABLED  |         |         |        |
| <input type="checkbox"/> Translations  | Translation files.   | TRANSLATE                | ENABLED  |         |         |        |
| <input type="checkbox"/> Collections Data  | Collection data files.   | COLLECTION_DATA          | ENABLED  |         |         |        |
| <input type="checkbox"/> EAV types and   | cache.   | EAV                      | ENABLED  |         |         |        |
| <input type="checkbox"/> Web Services  | files (api.xml).   | CONFIG_API               | ENABLED  |         |         |        |
| <input type="checkbox"/> Web Services Configuration                              | Web Services definition files (api2.xml).                                  | CONFIG_API2              | DISABLED |         |         |        |
| <input type="checkbox"/> Amasty Full Page Cache                                  | Cache for frontend pages.  | AMFPC                    | DISABLED |         |         |        |

Enable, disable or refresh  
Amasty Full Page Cache.

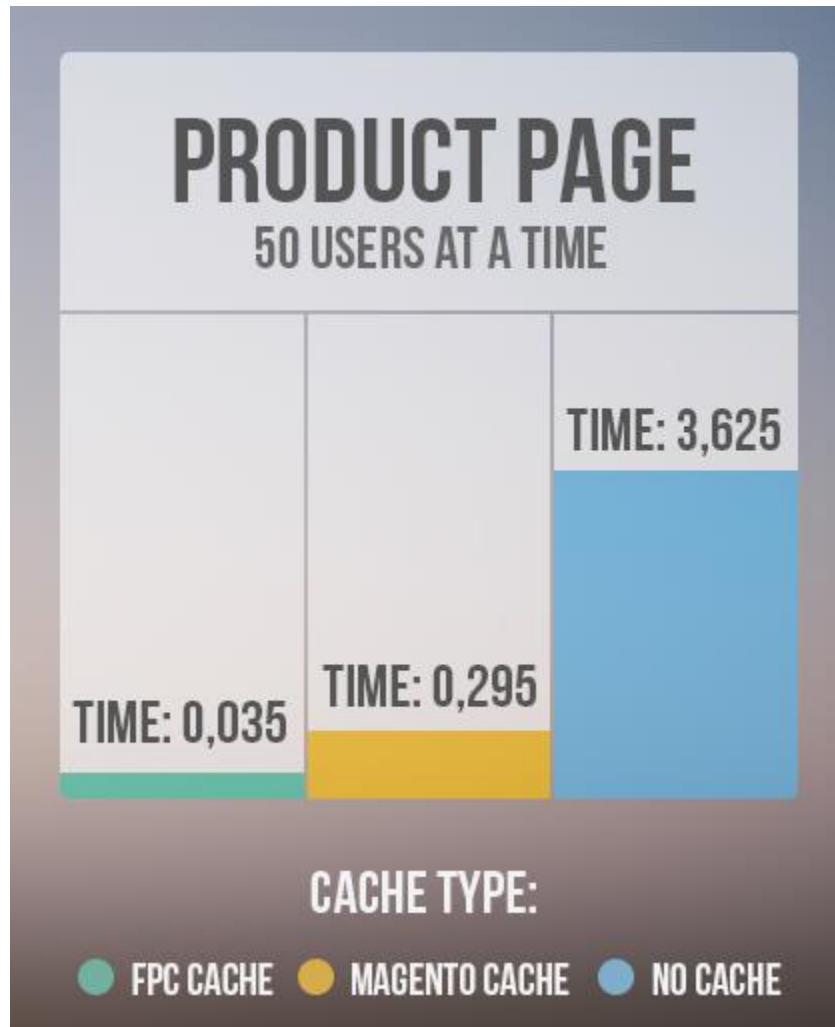
#### Additional Cache Management

[Flush Catalog Images Cache](#) Pregenerated product images files.[Flush JavaScript/CSS Cache](#) Themes JavaScript and CSS files combined to one file.

User Guide: [Full Page Cache](#)

Support: <http://amasty.com/contacts/>

## 4. Examples of Full Page Cache implementation



The results of the Amasty Page Cache test on a product page. [See the details.](#)

## 4. Examples of Full Page Cache implementation

The results of the complete Amasty Full Page Cache test. [See the details.](#)

| GROUP              | CACHE SETTINGS | SIMULTANEOUS VISITORS NUMBER |       |       |      |        |
|--------------------|----------------|------------------------------|-------|-------|------|--------|
|                    |                | 10                           | 20    | 30    | 40   | 50     |
| FIRST VISITED PAGE | WITH FPC       | 37                           | 141   | 265   | 378  | 460    |
|                    | WITHOUT FPC    | 230                          | 486   | 796   | 1060 | 1291   |
| SEARCH             | WITH FPC       | 24                           | 44    | 69    | 106  | 85     |
|                    | WITHOUT FPC    | 423                          | 703   | 1093  | 1515 | 1935   |
| LAYERED NAVIGATION | WITH FPC       | 42                           | 31    | 42    | 47   | 103    |
|                    | WITHOUT FPC    | 395                          | 633   | 1027  | 1379 | 1769   |
| PRODUCT PAGE       | WITH FPC       | 43                           | 50    | 79    | 81   | 165    |
|                    | WITHOUT FPC    | 314                          | 540   | 798   | 1067 | 1349   |
| CATEGORY PAGE      | WITH FPC       | 9                            | 32    | 37    | 48   | 65     |
|                    | WITHOUT FPC    | 317                          | 533   | 829   | 1119 | 1427   |
| AVERAGE            | WITH FPC       | 61                           | 107.8 | 166.8 | 228  | 305.7  |
|                    | WITHOUT FPC    | 333.8                        | 571   | 894.7 | 1209 | 1534.5 |





## 5. Full Page Cache Crawler General Settings

### Configuration

#### AMASTY EXTENSIONS

Full Page Cache

Full Page Cache Crawler

To configure the Full Page Cache Crawler please go to System->Configuration->Full Page Cache Crawler.

The setting requests the mobile view of the page, emulating a mobile browser by sending a specific HTTP header. You can set the header for mobile view emulation in the *Mobile Agent* field (see page 17). Also, use this tab to set reply statuses to be considered as valid, see *Accepted URL Status* setting for that (page 17).

| General Settings    |  |          |
|---------------------|--|----------|
| Enable crawler      | Yes  | [GLOBAL] |
| Customer Groups     | -- Please Select --<br>NOT LOGGED IN<br>General<br>Wholesale<br>Retailer<br>QAAAA  | [GLOBAL] |
| Stores              | English<br>French<br>German  |          |
| Currency            | Algerian Dinar<br>Angolan Kwanza<br>Argentine Peso<br>Armenian Dram<br>Aruban Florin<br>Australian Dollar<br>Azerbaijani Manat<br>Azerbaijani Manat (1993-2006)<br>Bahamian Dollar<br>Bahraini Dinar | [GLOBAL] |
| Process mobile view | No   | [GLOBAL] |

Specify combinations for crawling: customer groups, store views, currency and mobile view of the page.



User Guide: [Full Page Cache](#)

Support: <http://amasty.com/contacts/>

## 5. Full Page Cache Crawler General Settings

Please be aware that each link from the queue is to be checked with all settings combinations from the *General Settings* tab and with default settings (when there is no directions for the link).

### Example:

You've chosen the following settings:

«Customer Groups» = General

«Stores» = English, French

«Currency» = USD

«Process mobile view» = no

You have four settings chosen: one for a customer group, two for stores, one for currency, Process mobile view isn't chosen. Besides, each of these settings will not be specified for the request (e.g. set as Default).

Thus, here's the number of combinations for three links:

2 links \* 2 customer groups \* 3 stores \* 2 currencies = 24 request variants

As a result, each link will be checked in the following 12 combinations:

1. **Default + Default + Default** : the page is requested with no parameters whatsoever.
2. **General + English + USD** : switched to General group + English is on + currency changed to USD
3. **General + English + Default** : switched to General group + English is on + no currency is set
4. **General + French + USD** : switched to General group + French is on + currency changed to USD
5. **General + French + Default** : switched to General group + French is on + no currency is set
6. **General + Default + USD** : switched to General group + English is on + currency changed to USD
7. **General + Default + Default** : switched to General group + English is on + no currency is set
8. **Default + English + USD** : no group is set + English is on + currency changed to USD
9. **Default + English + Default** : no group is set + English is on + no currency is set
10. Etc.





## 6. Crawler Options

### Full Page Cache Crawler

✓ Save Config

|                        |  |          |
|------------------------|--|----------|
| General Settings       |  |          |
| Crawler Options        |  |          |
| Accepted URL Status    | <input type="text" value="200,201,202,203,204,205,206"/> | [GLOBAL] |
|                        | ▲ Valid server response header for request               |          |
| Mobile Agent           | <input type="text" value="Android"/>                     | [GLOBAL] |
|                        | ▲ This text will be sent as header on mobile request     |          |
| Queue Options          |  |          |
| Logging Options        |  |          |
| Force cron job actions |  |          |
| Advanced               |  |          |

Here you can see and edit valid server response headers for request (see page 19)

Specify comma separated names of mobile agents that will be sent as a header on mobile request.



User Guide: [Full Page Cache](#)

Support: <http://amasty.com/contacts/>

## 7. Queue Options

### Full Page Cache Crawler

✓ Save Config

General Settings

Crawler Options

Queue Options

Queue Process Limit

5

[GLOBAL]

▲ One cron run will process that number of rows

Queue Max Size

100

▲ Maximal number of rows in the query table

Query Generation Source

Amasty FPC module built-in table

▲ Links for query will be extracted from given source

Ignore List

logout  
login  
checkout  
^/customer/  
/paypal/  
^/catalog/product\_compare/  
^/wishlist/  
^/sales/order/  
^/amlist/  
^/svm/svmPayment/  
^/securehosting/  
/redirect/

▲ Ignore links containing any of these phrases

Logging Options

Force cron job actions

Advanced

Specify the number of URLs that should be processed at one cron run.

Set the maximum number of page URLs (rows) in the query table.  
**NOTE:** As the queue size can be varied, all pages that have rating insufficient for getting into the queue are eliminated. As a result, only pages with the highest rating are left, it means that they are the most visited or the most important.

Specify URLs that should be excluded from crawling.



## 7. Queue Options

**General Settings**

**Crawler Options**

**Queue Options**

Queue Process Limit: 5 [GLOBAL]  
▲ One cron run will process that number of rows

Queue Max Size: 100 [GLOBAL]  
▲ Maximal number of rows in the query table

Query Generation Source: Amasty FPC module built-in table [GLOBAL]  
Amasty FPC module built-in table  
Magento built-in log table  
Text file with one link per line  
login  
checkout  
^/customer/  
/paypal/  
^/catalog/product\_compare/  
^/wishlist/  
^/sales/order/  
^/amlist/  
^/svm/svmPayment/  
^/securehosting/  
/redirect/  
▲ Ignore links containing any of these phrases

**Logging Options**

**NOTE:** to use Amasty FPC build-in table please set 'Collect Page Visit Statistics' to 'Yes' (see page 7).

**Specify the source from which you want to generate the queue. By default generation is performed every day using cron and is sorted by rating, if there is any.**

**IMPORTANT:** Only currently available sources are shown in this field. Here is a list of possible sources:

- Built-in tables of Magento visit logs
- Sitemap.xml file
- Specific tables for Amasty FPC extension
- A text file (one link per each line)

For example, Sitemap.xml and Amasty FPC store rating (weight) for each page.

## 8. Other Settings

### Full Page Cache Crawler

✓ Save Config

|  |   |   |
|--|---|---|
| General Settings   |   | ▼   |
| Crawler Options  |   | ▼   |
| Queue Options  |   | ▼   |
| Logging Options  |   | ▲   |
| Log Max Size   | <input type="text" value="50000"/>      | ▲ Maximal number of rows in the log table |
| Force cron job actions   |   |   |
| Generate queue   | <input type="button" value="Generate"/> | [STORE VIEW]                              |
| Process queue  | <input type="button" value="Process"/>  | [STORE VIEW]                              |
| Advanced   |   |   |
| Show warnings and notifications  | <input type="text" value="Yes"/>        | ▼   |
| ▲ Enables output of notifications and warnings about cron task execution time. |   |   |

Set the maximal allowed number of logs (rows) in the log table (see page 25)

You can manually force cron job at any time.

Enable warning notifications display in case of cron task performance issues.



## 9. Full Page Cache Crawler Visual Stats

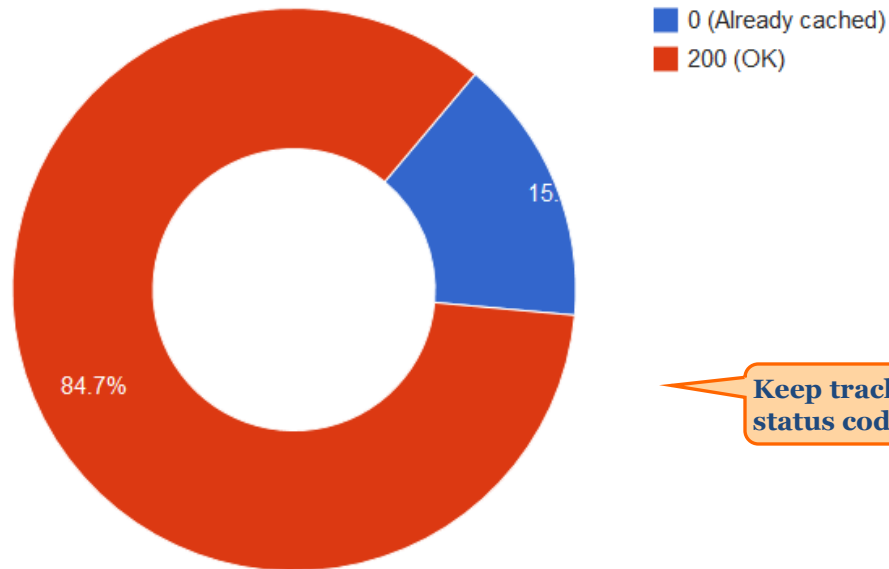
|           |       |         |           |            |            |     |         |        |
|-----------|-------|---------|-----------|------------|------------|-----|---------|--------|
| Dashboard | Sales | Catalog | Customers | Promotions | Newsletter | CMS | Reports | System |
|-----------|-------|---------|-----------|------------|------------|-----|---------|--------|

### FPC Visual Stats

Status Codes Pages Crawled Page Load Time Queue Processing

To see the Full Page Cache Visual Stats please go to Reports-> Amasty FPC Crawler->Visual Stats

Pages status codes



Keep track of pages status codes.



User Guide: [Full Page Cache](#)

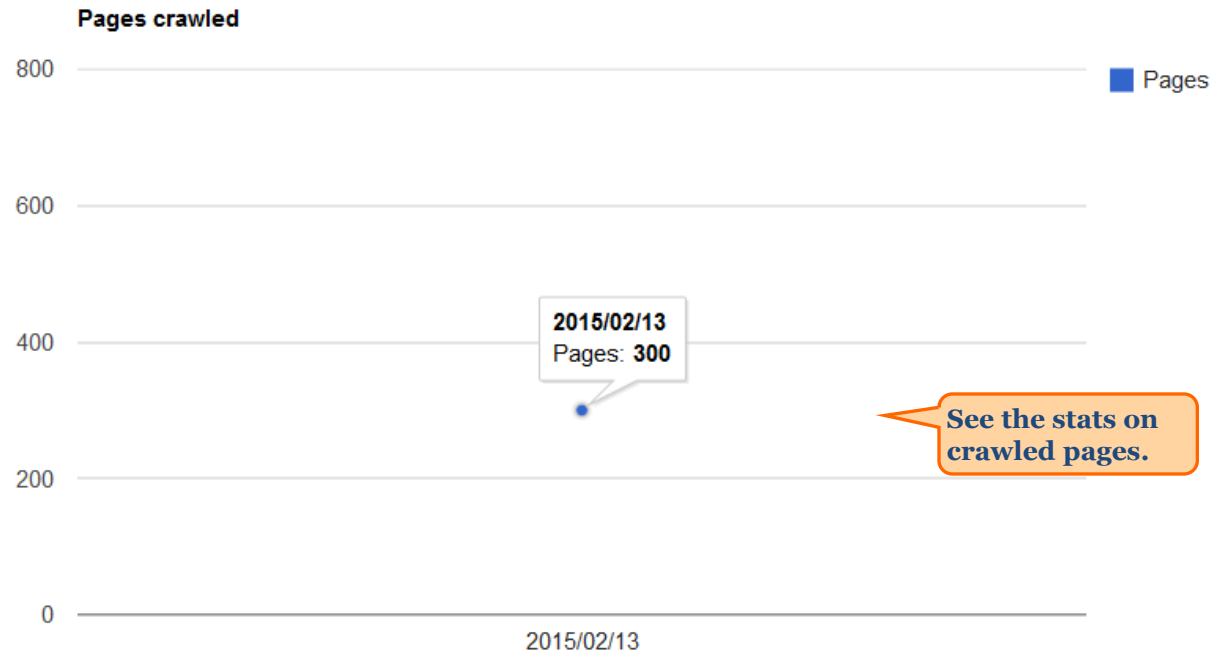
Support: <http://amasty.com/contacts/>

## 9. Full Page Cache Crawler Visual Stats

|           |       |         |           |            |            |     |         |        |
|-----------|-------|---------|-----------|------------|------------|-----|---------|--------|
| Dashboard | Sales | Catalog | Customers | Promotions | Newsletter | CMS | Reports | System |
|-----------|-------|---------|-----------|------------|------------|-----|---------|--------|

### FPC Visual Stats

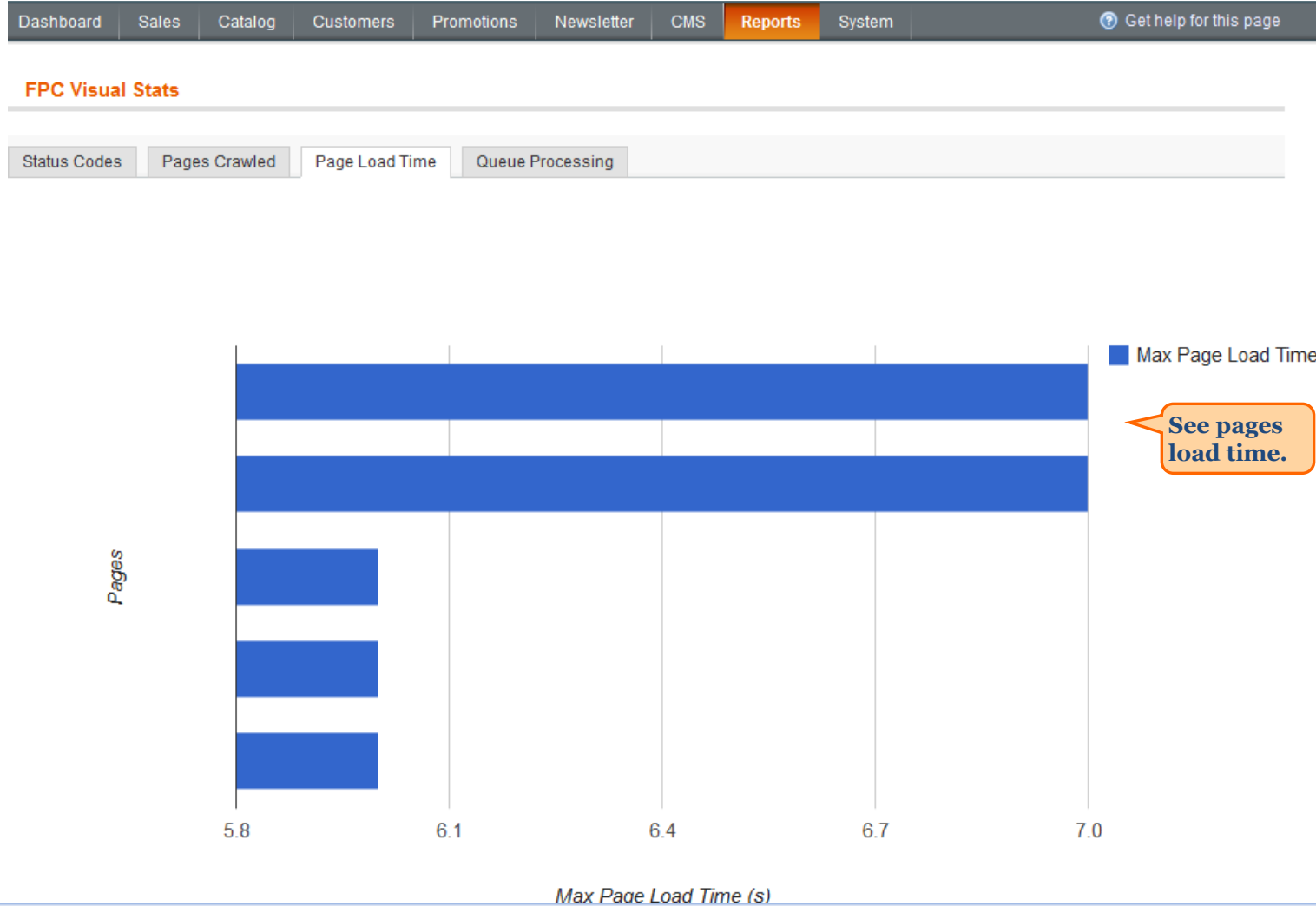
|              |               |                |                  |
|--------------|---------------|----------------|------------------|
| Status Codes | Pages Crawled | Page Load Time | Queue Processing |
|--------------|---------------|----------------|------------------|



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## 9. Full Page Cache Crawler Visual Stats



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## 9. Full Page Cache Crawler Visual Stats

[Dashboard](#) [Sales](#) [Catalog](#) [Customers](#) [Promotions](#) [Newsletter](#) [CMS](#) [Reports](#) [System](#)

### FPC Visual Stats

[Status Codes](#) [Pages Crawled](#) [Page Load Time](#) [Queue Processing](#)

**Approximate queue time processing:**  
- all queue: 00:29:02  
- one cron job: 00:06:36

Queue URLs count: 22 links  
Average processing time per URL: 1.6 seconds  
Number of options for each URL retrieve: 72 variants

Get all necessary queue processing data.





## 10. Full Page Cache Logs

To see the Full Page Cache Logs please go to Reports->Amasty FPC Crawler->Log

### Log

Page 1 of 15 pages | View 20 per page | Total 300 records found

Reset Filter

Search

| URL                                    | Rate   | Store                                     | Currency             | Customer Group       | Mobile               | Status               | Load time (seconds)                                    | Crawl date   |
|--|--|---|----------------------|----------------------|----------------------|----------------------|--|--|
| <input type="text"/>                   | From: <input type="text"/><br>To: <input type="text"/> | All Stor                                  | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | From: <input type="text"/><br>To: <input type="text"/> | From: <input type="text"/><br>To: <input type="text"/> |
| http://page/example.html               | 14   |   |                      |                      |                      |                      | 0  | 2/13/2015 5:08 PM                                      |
| http://page/example/2.html             | 14   |   | EUR                  |                      |                      | 200 (OK)             | 1  | 2/13/2015 5:08 PM                                      |
| http://page/example/3.html             | 14   |   | USD                  |                      |                      | 200 (OK)             | 1  | 2/13/2015 5:09 PM                                      |
| http://page/example/accessories.html   | 14   | Main Website<br>Madison Island<br>English |                      |                      |                      |                      | 0  | 2/13/2015 5:09 PM                                      |
| http://page/example/5/accessories.html | 14   | Main Website<br>Madison Island<br>English | EUR                  |                      |                      | 200 (OK)             | 2  | 2/13/2015 5:09 PM                                      |
| http://page/example/accessories.html   | 14   | Main Website<br>Madison Island<br>English | USD                  |                      |                      | 200 (OK)             | 2  | 2/13/2015 5:09 PM                                      |
| http://page/example/clothing.html      | 14   | Main Website<br>Madison Island<br>French  |                      |                      |                      | 200 (OK)             | 1  | 2/13/2015 5:09 PM                                      |
| http://page/example/clothing.html      | 14   | Main Website                              | EUR                  |                      |                      | 200 (OK)             | 3  | 2/13/2015 5:09 PM                                      |



User Guide: [Full Page Cache](#)

Support: <http://amasty.com/contacts/>

## 11. Full Page Cache Queue

To see the page URLs queue for crawling go to Reports->Amasty FPC Crawler->Queue

### Queue

Flush Queue

Page 1 of 2 pages | View 20 per page | Total 22 records found

Reset Filter

Search

| URL   | Rate ↓ |
|---|--------|
|   |        |
| http://example/home-decor/electronics.html              | 49     |
| http://example/vip.html                                 | 28     |
| http://example/home-decor.html                          | 25     |
| http://example/women.html                               | 24     |
| http://example/men.html                                 | 24     |
| http://example/men/denim.html                           | 24     |
| http://example/men/shirts.html                          | 17     |
| http://example/home-decor/bed-bath.html                 | 15     |
| http://example/home-decor/decorative-accents.html       | 15     |
| http://example/home-decor/decorative-accents/spain.html | 15     |
| http://example/women/new-arrivals.html                  | 15     |
| http://example/men/blazers.html                         | 15     |
| http://example/accessories/bags-luggage.html            | 15     |
| http://example/accessories/jewelry.html                 | 14     |
| http://example/shoes/summer-shoes.html                  | 13     |
| http://example/accessories/eyewear.html                 | 9      |
| http://example/accessories/shoes.html                   | 7      |
| http://example/men/tees-knits-and-polos.html            | 7      |
| http://example/home-decor/books-music.html              | 7      |
| http://example/sale.html                                | 7      |



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### 1.1.General information

All queue operations including its generation and processing have built-in protection from simultaneous activation. It means that if a task is not finished yet and it was called by cron again, the operation won't be activated again before the first task is finished. This algorithm is implemented through blocking a specific file in the /var/tmp folder using a FLOCK() PHP function. Thus, this feature may not work on Windows Servers.

### 1.2. Queue generation

The queue is stored in the *am\_fpcrawler\_queue* table and contains a link and a rating value. Only links not less than 5 characters long are added to the queue.

The queue is populated with links and cleaned down to the size specified in the settings after each 500 links added, and also every time when queue generation begins.

### 1.3 Queue processing

Queue processing is done link by link and, after all parameter combinations are done, the link is deleted from the queue.

All requests are performed using CURL PHP library. If you don't have it installed on your server, you'll have a warning message in the extension settings.



The queue has five nested loops for passing through enumeration of all possible parameter combinations: **Customer Group, Store, Currency, Language, Mobile**.

Plus, there's an option when each parameter may be not set and won't be added to the request, in other words, a default setting is used to load the page.

Currency and group switch is performed with getting a specific cookie for this combination of currency and customer group, which is then attached to the HTTP request header. Every time the tool checks if there is such a cookie, and if there is no cookie or it's expired, another one is received, otherwise the available one is used.

Logging in as an account from one of the customer groups is also performed with a specific cookie. To get the authorization data a specific user is created. Its name will be **FPC.Crawler.xxx**, where xxx is the customer group number (ID). This user is designed for extension's internal use and will be created each time during queue processing, if there isn't any or if it was previously deleted.



### 1.1. Internal errors logging

Each time there's an error due to the script's performance it is logged into internal files in the logs folder. These files are beginning with *amfpccrawler\_xxxx* and can be distinguished by the name of the script part which the error refers to. For instance, their names can be: *amfpccrawler\_auth\_cookie.log* and *amfpccrawler\_queue\_add.log*.

### 1.2. Requests logging

Each request is logged into *am\_fpccrawler\_log* internal table, which stores all the request parameters, the link rating, the reply (status) code, and page load speed.

You can use *Log Max Size* setting to specify the max number of records for logs.



## 14. Visual Statistics and Logging

### FPC Stats

In this section various charts with vivid stats on visited pages, page load speed, reply (status) codes and a detailed calculation for time needed to perform the whole queue task are shown.

**1.1.1** Status Codes: statuses for all pages returned after the link request are shown. Very informative for showing percentage of errors and success loads.

**1.1.2** Pages Crawled: summary stats of requested pages for the previous time period by day.

**1.1.3** Page Load Time: top 20 of the slowest pages.

**1.1.4** Queue Processing: a detailed description of time needed to process the whole queue.

### FPC Log

This is a table with vivid display of values from the logs table. You can make use of handy search by any parameter.

### FPC Queue

This is a table with vivid display of values from the current queue table.



# Thank you!

Should you have any questions or feature suggestions, please contact us at:

<http://amasty.com/contacts/>

Your feedback is absolutely welcome!



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