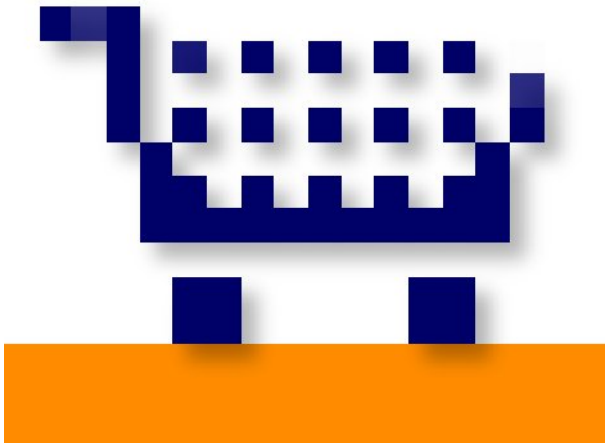




Quick Shop Stock Control

Advanced handling of Quick Shop products stock, using a powermail hook.
After order the number of products in stock will be reduced by the number of ordered products.



Version: 2.0.0 - 2011-08-04

Extension Key: quickshop_stock

Language: en

Keywords: forAdmins, forDevelopers, forBeginners, forIntermediates, forAdvanced, shop

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Introduction

What does it do?

- Quick Shop comes with a simple stock handling: Products can just be flagged as available or not. Outsold products has to be disabled manually.
- Quick Shop Stock Control extends the stock handling: You are able to enter the amount of available products and the number of ordered products will be deducted from the number of available products after ordering. If the stock is depleted the product is removed from list and single views generated by the extension Browser. For that a hook in Powermail is used.
- Quick Shop Stock Control offers two modi:
Simplified: The availability of a product is controlled by a simple check box further on. That is to say a product can be sold only once and will be marked as unavailable from that moment. Useful only if you want to sell unique items.
Advanced: The availability of a product is now controlled by a input field accepting numbers. You can enter the effective quantity of products in stock; each order decreases the stock by the number of ordered products.

Illustration 1: Field "In Stock"
(Quick Shop product) in "Simplified" mode

Illustration 2: Field "In Stock"
(Quick Shop product) in "Advanced" mode

(See section Installation: Enable features: Option "Advanced Stock handling".)

- Quick Shop Stock Control amends the TypoScript configuration for Quick Shop/ Browser to respect the availability of products depending on the remaining stock quantity.
If you are using the original TypoScript configuration for Browser coming with Quick Shop it is done by including static TypoScript only.

What does it not do?

- Quick Shop Stock Control doesn't display the quantity of available products yet.
- Quick Shop Stock Control doesn't validate order quantity due to the quantity of available products yet.
- Quick Shop Stock Control doesn't handle terms of delivery.



Installation

Requirements

Quick Shop Stock Control is tested with Powermail 1.6.3. Maybe it will work with versions below.

Extension Manager

Open the extension manager, download the extension and install it. Make the update for changing fields (mind the remark "Quick Shop: table and field definitions" below).

Enable features: Option "Advanced Stock handling"

Uncheck this option if you want to use the "Simplified" mode (see modi).

Enable features: Option "DRS – Development Reporting System"

You can track the work flow (detection of ordered products and their quantity, data base actions etc.) using the DRS – Development Reporting System. For that you need a third party extension like [devlog](#).

You can enable the DRS with variant severities; in a production environment no logging / logging of errors only is recommended.

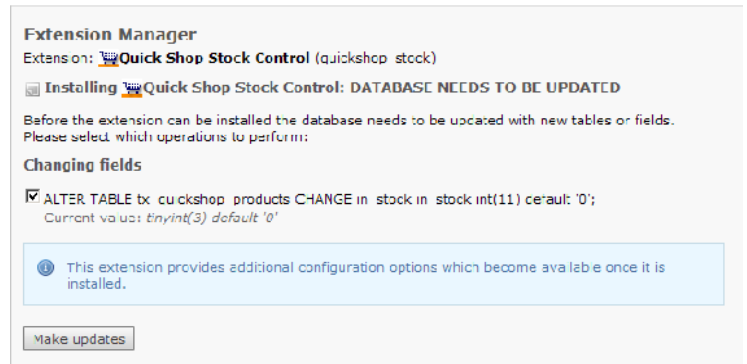


Illustration 3: Database update

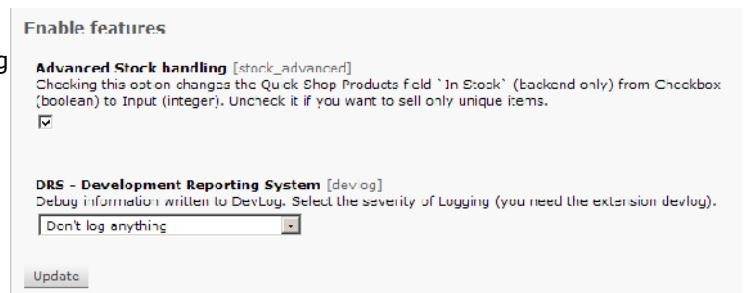


Illustration 4: Enabling features in the extension manager

Developer Log

Select Log: latest log run

☐ Auto refresh

Show Log

Refresh

☒ Expand all extra data

Log entries:

Log period: 04-08-11 13:10 (0 min)

<< oldest < previous

Date	Severity	Extension	Message	Called from	Page	User	Extra data				
04-08-11 13:10:29		quickshop_stock	DEBUG: config	class.tx_quickshopstock_hooks_powermail_pi1.php, line 130	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: get ordered products	class.tx_quickshopstock_hooks_powermail_pi1.php, line 104	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 65) WHERE uid = 1 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 5) WHERE uid = 6 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 5) WHERE uid = 5 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 5) WHERE uid = 2 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 5) WHERE uid = 3 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	DEBUG: SQL stock update query: UPDATE tx_quickshop_products SET in_stock=(in_stock - 5) WHERE uid = 4 AND exclude_from_stock = 0	class.tx_quickshopstock_hooks_powermail_pi1.php, line 128	shopping cart	uhermann					
04-08-11 13:10:29		quickshop_stock	INFO: update result	class.tx_quickshopstock_hooks_powermail_pi1.php, line 154	shopping cart	uhermann	<div><div><<</div><table><tr><td>products to update</td><td>6</td></tr><tr><td>products updated</td><td>5</td></tr></table></div>	products to update	6	products updated	5
products to update	6										
products updated	5										
04-08-11 13:10:29		quickshop_stock	INFO: clear cache for page(s) '1'	class.tx_quickshopstock_hooks_powermail_pi1.php, line 209	shopping cart	uhermann					

<< oldest < previous

Illustration 5: Devlog sample output




Quick Shop: table and field definitions

Once you have updated table and field definitions during installation of Quick Shop Stock Control, you'll get a "Update needed" message if you are viewing the Quick Shop information in the extension manager (see Illustration 6).

Please ignore it! You can check the integrity of table and field definitions in the install tool (database analyser → compare).

Here you'll get the message

 **Table and field definitions are OK.**

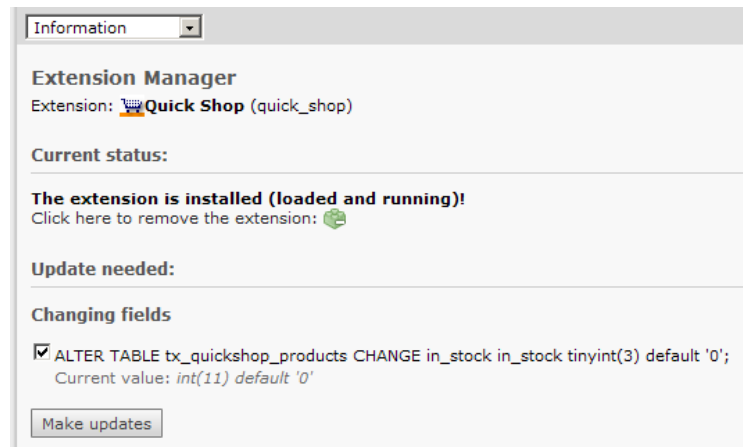


Illustration 6: Quick Shop requires a database update (negligible)

TypoScript configuration

Include static from extension

Now modify the TypoScript Template containing the Quick Shop configuration. (If you have set up Quick Shop with the installer, this Template record has the title "page_install_002".) Add in the field "Include static (from extensions)" the items

- Quick Shop Stock (required; see next step "Reference: Constants")
- +Browser: Quick Shop Stock (optional; see "Adapt your TypoScript for plugin Browser")

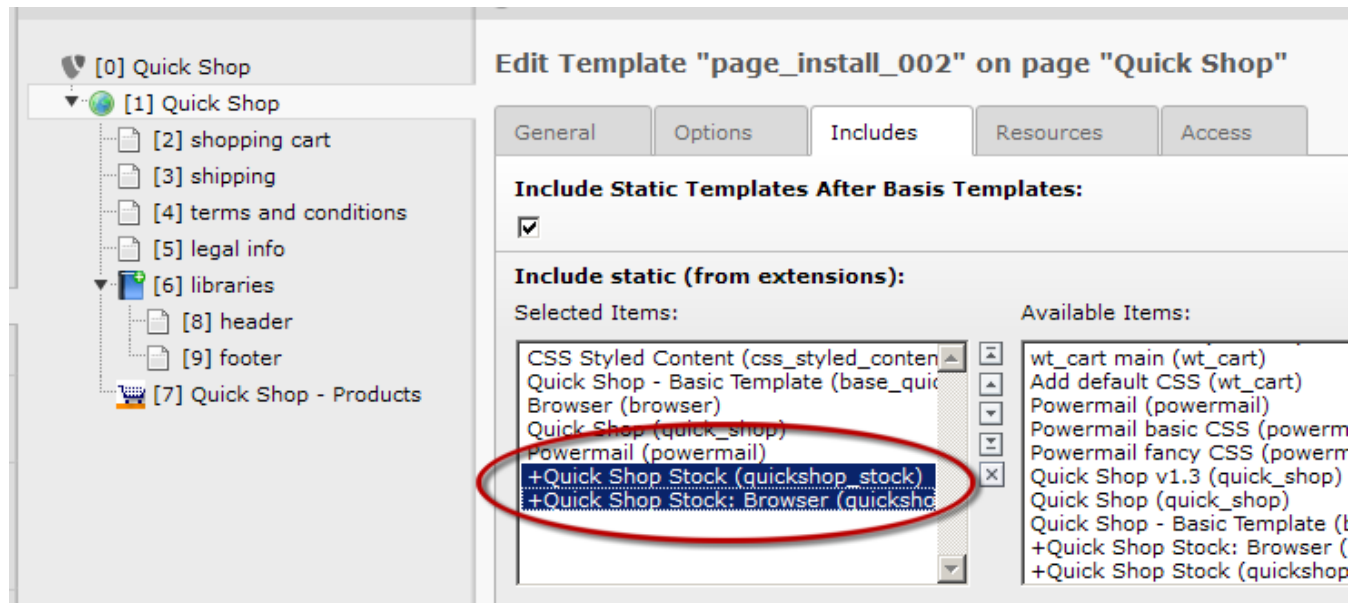


Illustration 7: Include static from extension

Reference: Constants

All TypoScript configuration can be done with the constant editor: every property has a same-named constant equivalent. These settings will take effect for the TypoScript array `plugin.tx_quickshopstock`.

Property:	Data type:	Description:	Default:
enable	boolean	Enables the stock controlling in general. Editing this value is only useful if you have a multi domain installation with more than one Quick Shop e. g. and you want to disable stock controlling for several branches.	1
clearCache_pages	string	Comma separated list of pages containing list or single views with Quick Shop products. Because of stock controlling may have an effect on the visibility of products clearing of front end cache is a need after ordering products.	0
clearCache_recursive	integer	The number of subpage levels that should also be included for each page in the list. (Comparable to "Page Content: Recursive".) If enabled, each page listed in "clearCache_pages" will also have its subpages included to the specified depth.	0

[tsref:plugin.quickshop_stock] constants



Adapt your TypoScript for plugin Browser

In order that unavailable products are excluded from list and single views in your shop make sure that both lines marked in illustration below are existing:

```

[plugin]
  [tx_felogin_pi1] = USER_INT # TypoScript added by extension "felogin" # Setting felogin plugin TypoScript
  [tx_browser_pi1] = USER # TypoScript added by extension "browser" # Setting browser plugin TypoScript
  [includeLibs] = typo3conf/ext/browser/pi1/class.tx_browser_pi1.php
  [userFunc] = tx_browser_pi1->main
  [template]
  [localTable]
  [pageBrowser]
  [a-z_Browser]
  [modeSelector]
  [getOffset]
  [CSS_DEFAULT_STYLE] = .tx-browser-pi1 div.azSelector, .tx-browser-pi1 div.modeSelector { padding:.4em 0; height:1.4em; }
  [LOCAL_LANG]
  [views]
    [list]
      [1] = Quick Shop
      [name] = Quick Shop
      [select] = tx_quickshop_products.title, tx_quickshop_products.short, tx_quickshop_products.image, tx_quickshop_products.description
      [orderBy] = tx_quickshop_products.price DESC, tx_quickshop_products.title, tx_quickshop_categories.title
      [csvLinkToSingleView] = tx_quickshop_products.title
      [tx_quickshop_products]
      [filter]
      [andWhere] = tx_quickshop_products.in_stock > 0
    [single]
      [1] = Quick Shop
      [displaySingle]
      [select] = tx_quickshop_products.title, tx_quickshop_products.description, tx_quickshop_products.image, tx_quickshop_products.description
      [tx_quickshop_products]
      [andWhere] = tx_quickshop_products.in_stock > 0
  [tx_browser_pi3] = USER # TypoScript added by extension "browser" # Setting browser plugin TypoScript
  [tx_browser_pi4] = USER # TypoScript added by extension "browser" # Setting browser plugin TypoScript
  [tx_wtcart_pi1] = USER_INT # TypoScript added by extension "wt_cart" # Setting wt_cart plugin TypoScript
  [tx_powermail_pi1] = USER_INT # TypoScript added by extension "powermail" # Setting powermail plugin TypoScript

```

Illustration 8: Needed TypoScript configuration

If you use a standard installation of Quick Shop (such as done with the Quick Shop Installer) you can do that by including static from extension (see "Include static from extension").

If you have another index for list or single view than 1, if you have more than one view or if you have a `andWhere` property you have to add it manually.

Example:

```

plugin.tx_browser_pi1.views {
  list.1 {
    andWhere = tx_quickshop_products.in_stock > 0
  }
  single.1 {
    andWhere = tx_quickshop_products.in_stock > 0
  }
}

```

Exclude products from stock control

Perhaps you have a product in your shop that should be always available in the shop (such as a downloadable product, a service or an unconditionally withdrawable product).

You can exclude it from automatic stock handling so that ordering products nevertheless keeps the stock untouched:

Edit Quick Shop Product "Cup" on page "Quick Shop - Products"

Product **Images**

Hide:
☐

Product
Cup

Short
Cup with TYPO3 logo

Description
Block style: No block style Text style: No text style
Paragraph
The cup has a special cleverness. If you
19.99

Tax included
Normal

Stock
In Stock
1

☒ Exclude product from stock control

☐ Show secondary options (palettes)

Disables automatic stock updating after orders.

Illustration 9: Exclude product from stock control



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Thanks to ...

BECKERMEDIA for initiating and sponsoring this extension.



Further Information

Other extensions published by Die Netzmacher

-  Browser - the TYPO3-Frontend-Engine. The Browser is the fast way for your data to the TYPO3 frontend. It displays content from related tables. You need 1 line TypoScript for a result list with a search form, a record browser and an a-z browser. Images are wrapped self-acting. SEO, Search Engine Optimization, is integrated.
<http://typo3.org/extensions/repository/view/browser/current/>
-  Quick Shop (extkey: quick_shop): The fastest shop in the history of TYPO3. Install it with one mouse click only! Quick Shop is based on the browser (see above) and powermail.
http://typo3.org/extensions/repository/view/quick_shop/current/
-  Organiser provides a lot of features for handle news, events, staff, headquarters, locations, repertoire, workshops and a calendar. Sell your online tickets! Available from April of 2011
<http://typo3-organiser.de/>
-  Browser for BZD Staff Directory. List view and single view for the extension BZD Staff Directory. It is out of the box. You can edit the views by TypoScript. You can add fields and whole views.
http://typo3.org/extensions/repository/view/browser_bzdstaffdirectory/current/
-  Browser for Virtual Civil Services - List views and single views for the extension Virtual Civil Services (civserv) . It supersedes smarty and enables SEO - search engine optimisation -, Real URL and the TYPO3 cache management. It is out of the box.
http://typo3.org/extensions/repository/view/browser_civserv/current/
-  Green Cars (Grüne Autos) - Database optimized for ecological cars. It is a case study and demonstrates, how to get a complex database with the browser (see above) in three hours only.
http://typo3.org/extensions/repository/view/green_cars/current/
-  Jobmarket is a catalogue with job offers. Views, the a-z-browser, the page-browser, the search, social bookmarks and a lot of other stuff can configured by the Browser plugin with the mouse. Job Market hasn't any PHP code, it should be easy to adapt it to your needs.
<http://typo3-job-market.de/>
-  Juridat - Database for Juridical Data. Juridat provides a juridical data base with backend functionality. Juridat is out of the box. It is a teamwork with the Browser.
<http://typo3.org/extensions/repository/view/juridat/current/>
-  logical_form: A frontend plugin for evaluating forms. I.e. you can evaluate mail addresses.
http://typo3.org/extensions/repository/view/logical_form/current/
-  Majordomo: For subscribing to and unsubscribing from a majordomo mailing list.
<http://typo3.org/extensions/repository/view/majordomo/current/>
-  TSconfig Pages and Users by extManager (extkey: tsconf): Configure the the eight most commonly used TSconfig properties with the mouse - like page tree uids, activated extended view, activated clipboard, ...
<http://typo3.org/extensions/repository/view/tsconf/current/>
-  seo_dynamic_tag: Search Engine Optimisation. You can generate values dynamically with this extension especially for the <title>-tag, for the <meta>-tag description and the <meta>-tag keywords.
http://typo3.org/extensions/repository/view/seo_dynamic_tag/current/
-  tt_news select configuration (extkey: ttnews_selectconf) enables to select tt_news by any SQL clause. The extension adds an andWhere clause to the SQL query of the tt_news plugin. I. e. it is possible to display tt_news items in dependence on the ownership of a fe_user.
http://typo3.org/extensions/repository/view/ttnews_selectconf/current/
-  Wine Catalogue provides a data base for wine with regions, wineries, styles, variety and ageing among others. It is localized. English, German and Spanish is of the box. Wine based on the extension Quick Shop Stock Control.
<http://typo3.org/extensions/repository/view/wine/current/>



About the plugin icon

The concept of the icon:

- The cart is a common symbol for shops.
- The colour of the stripe, orange, is the one of the TYPO3 colours.

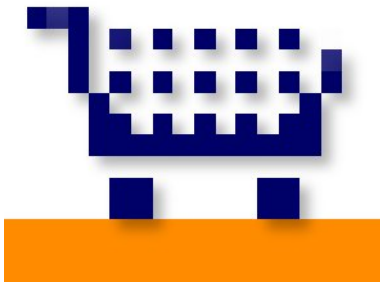


Illustration 10: The logo

About the Author



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Founder of Die Netzmacher GbR (Erfurt/Weimar)

Founder of TYPO3 User group Thuringia

Member of TYPO3 User group Leipzig

2009: Founding Die Netzmacher GbR

2001: Founding yellow label

Illustration 11:
Ulfried Herrmann

Manual in PDF

You find this manual and the tutorial in PDF format at

- [doc/manual.pdf](http://typo3.org/extensions/repository/view/quickshop_stock/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf)
http://typo3.org/extensions/repository/view/quickshop_stock/current/info/?tx_terfe_pi1%5BdownloadFile%5D=doc%252Fmanual.pdf



Change Log

0.1.0 **Initial release**