# AJAX Attribute Manager Documentation

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# AJAX Attribute Manager

Version4.5 by raiwa - Copyright (c) Rainer Schmied - raiwa@phoenixcartaddonscom - www.phoenixcartaddons.com

## *AJAX Attribute Manager*

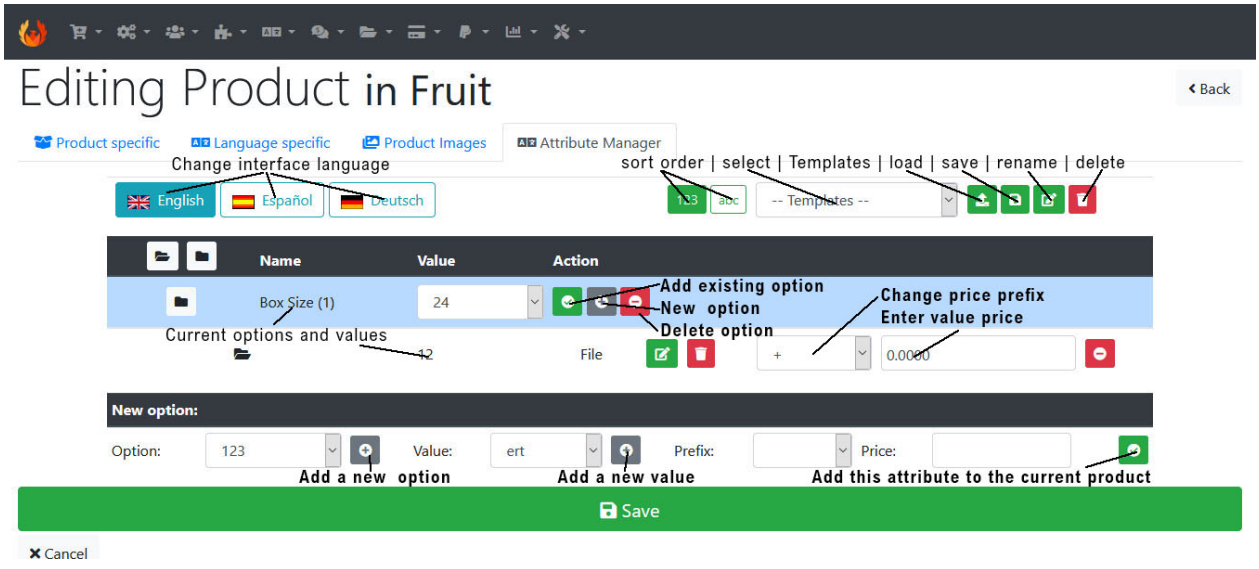
## *Version 4.5 Phoenix*

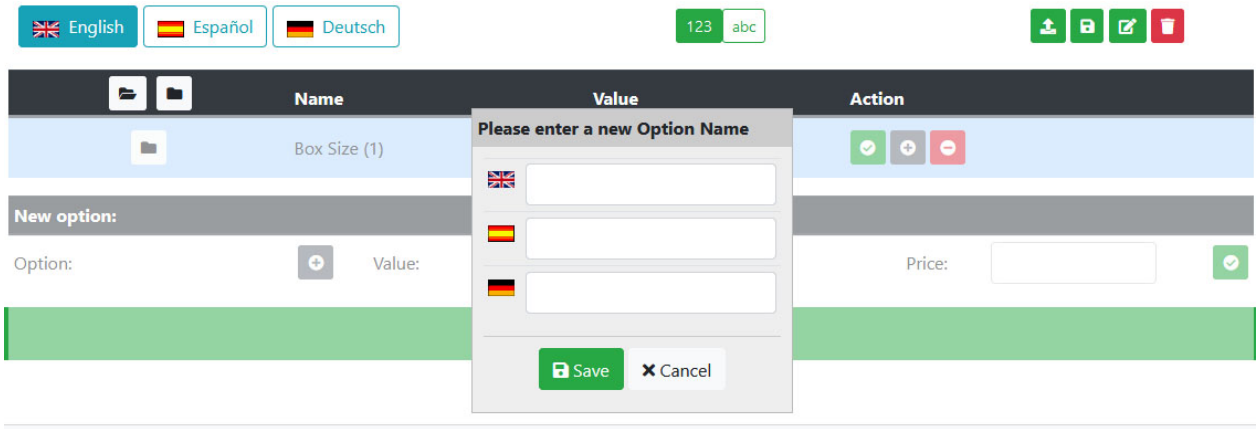
by @raiwa
raiwa@phoenixcartaddons.com
www.phoenixcartaddons.com

## What it does:

The idea of this contribution is to make the administration of product options, option values and attributes much quicker and easier.

It uses a technology known as AJAX (Asynchronous JavaScript And XML). This enables us to do is make page sub-reqests without refreshing a page.
In this case, it enables us to make a attribute manager that sits on the product addition page. From which, you can do everything (ish - see notes) that the product attributes page does but in a much more convenient and tidy way.






# System Requirements

All the normal Phoenix requirements, plus ...

- XMLHTTP Complient Browser (e.g. IE, Mozilla, Chome)
- Javascript **Enabled** in your Browser
- Phoenix 1.1.0.0.+
- Tested with Phoenix 1.1.0.1, 1.1.0.7, 1.1.0.8
- PHP 7.3 to 8.5

# Features

- Easily and instantly add and remove Options and Option Values. No page refreshes required
- Easily add and remove attributes to a product on the product addition page. No page refreshes required
- Optional Instant Database Update for product attributes. No page refreshes required
- Attribute "templates" - Predefined "Attribute Sets" with quick load
- Downloads Support
- Multilingual support

# Optional Features

- More Product Weight (https://phoenixcart.org/forum/app.php/addons/free_addon/attributes_weight)
- Options Images (https://phoenixcart.org/forum/app.php/addons/free_addon/options_images)
- Wholesale Lite (https://phoenixcart.org/forum/app.php/addons/free_addon/wholesale_lite)
- Options_Attributes_Stock_1.0 (https://phoenixcart.org/forum/app.php/addons/free_addon/options_attributes_stock)
- QtPro (https://phoenixcart.org/forum/app.php/addons/free_addon/qtpro)
- Option Types (https://phoenixcart.org/forum/app.php/addons/free_addon/option_types)

# Future Additions (to-do list)

- Deletion and Rename of Options and Values

## Notes

- No Deletion of Options or Option Values (use standard Attribute Manager)
- Options and Settings are in: Admin: Configuration: Ajax Attribute Manager

## Support

- Support Thread

# Install Instructions

**Note: if you are upgrading from a previous version you must OVERWRITE all files in the attributeManager directory. The best way is to delete the whole folder then add the new one.**
**If you were using attributes/options sort order from previous versions, read and follow the detailed Update Instructions.**

**1) Copy the admin/attribute Manager Directory and the includes/hooks/admin directory and all of it's contents into your store directory.**
(Your file structure should look like this /admin/attributeManager/)
and:
includes/hooks/admin/categories/ajaxAttribManager.php
includes/hooks/admin/siteWide/ajaxAttrManager.php

The following file may already be present if you are using one of my other addons which adds columns to the options/attributes table:
includes/hooks/shop/system/_09_loadAttributesRaiwa.php

It is identical to the system hook packed with the addons:
Options Images 3.2+
Attributes Weight 2.1+
QtPro 5.0+
Option Types 2.1+
Wholesale Lite 5.1+
Wholesale Pro 5.1+
Options Attributes Stock 1.0+

**Product based Attributes Values sort order support**

To use a product based sort order for Attribute values like in older Attributes Manager-Sort order, a override product_loader class is used in:

includes\system\override\attribute_manager\product_loader.php

If you are using other addons which also override this class file, you need to merge both override classes together.

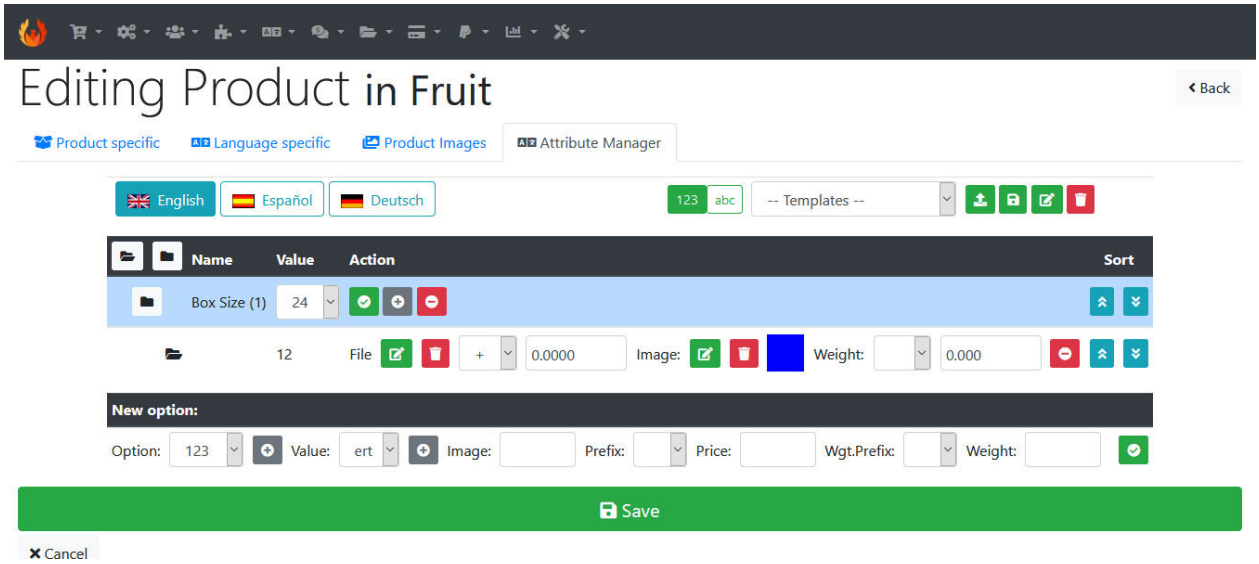
# Finished !

---> Go and add or edit a product and you should see the new attribute manager tab.

**********

# Additonal Notes for other contribution compatability

(Only needed if you have any of the following contributions installed)




## - Instructions for More Product Weight plugin

1) If you haven't installed the **More Product Weight plugin** contrib then you should install that one first:
https://phoenixcart.org/forum/app.php/addons/free_addon/attributes_weight
A Phoenix version is not yet available. You'll need to add the shop side support on your own. A Phoenix version is in preparation.

2) Go to: Admin: Configuration: Ajax Attribute Manager: Use More Product Weight: set to "true"

NOTE:
- Options weight are displayed both, Products Options Weight and Options Value Weight
- Only Products Options Weight can be added, edited or deleted in Ajax Attribute Manager

## - Instructions for Options Images plugin (version 1.6.1 or higher required)

1) If you haven't installed the **Options Images plugin** contrib then you should install that one first:
https://phoenixcart.org/forum/app.php/addons/free_addon/options_images

2) Go to: Admin: Configuration: Ajax Attribute Manager: Use Options Images: set to "true"

NOTE:
- Options images are displayed both, Products Options Images and Options Value Images
- Only Products Options Images can be added, edited or deleted in Ajax Attribute Manager
- No image file uploads, images need to be uploaded apart (via ftp or the core attributes page) and image filenames need to be introduced like for download files.

## - Instructions for Wholesale Lite plugin (version 4.6.0 or higher required)

1) If you haven't installed the **Wholesale Lite** contrib then you should install that one first:
https://phoenixcart.org/forum/app.php/addons/free_addon/wholesale_lite

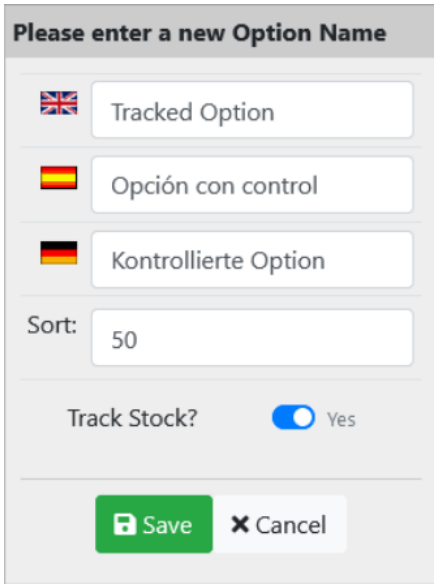
2) Go to: Admin: Configuration: Ajax Attribute Manager: Use Wholesale Lite: set to "true"

## - Instructions for QtPro plugin (version 7.4.10 or higher required)

1) If you haven't installed the QtPro contrib then you should install that one first:
https://phoenixcart.org/forum/app.php/addons/free_addon/qtpro

2) Go to: Admin: Configuration: Ajax Attribute Manager: Use QtPro: set to "true"

Note that only the option "Track Stock" is added when a new option is created with Ajax Attribute Manager.
Stock control and adjustments are don in the QtPro tab.

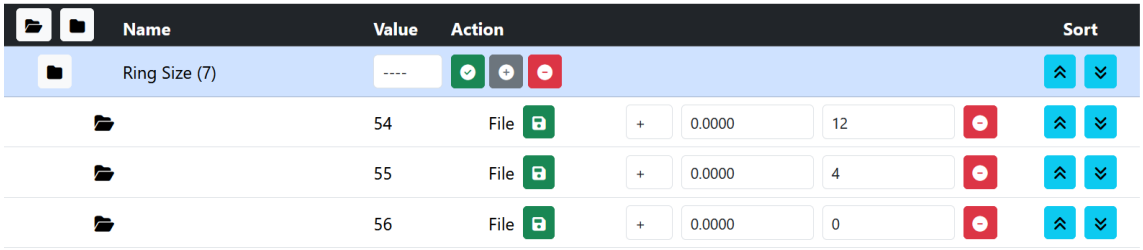



## - Instructions for Options Attributes Stock plugin (version 7.4.10 or higher required)

1) If you haven't installed the **Options Attributes Stock** contrib then you should install that one first:
(https://phoenixcart.org/forum/app.php/addons/free_addon/options_attributes_stock)

2) Go to: Admin: Configuration: Ajax Attribute Manager: Use Attributes Stock: set to "true"

Note that only the Stock values for Attributes Stock Track are available.
Add and manage tracked options is done in the Products Attributes page.

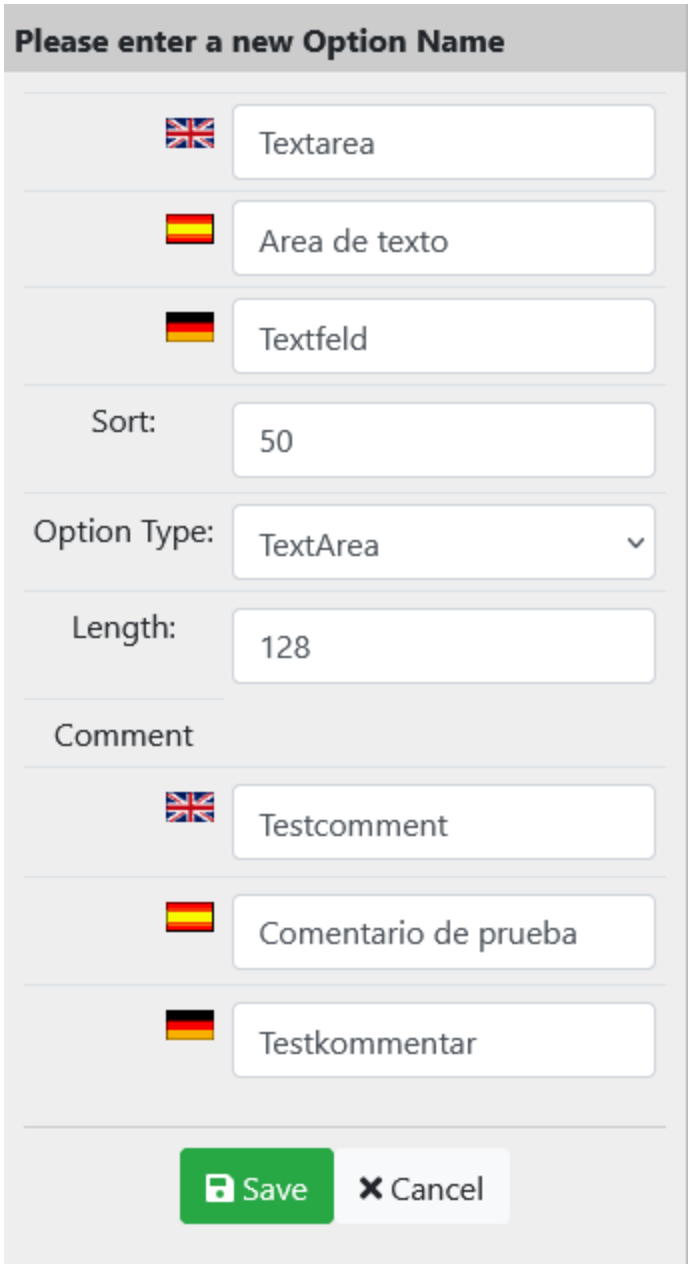



## - Instructions for Option Types plugin (version 1.0.0 Phoenixcart or higher required)

1) If you haven't installed the **Option Type** contribution then you should install that one first:
https://phoenixcart.org/forum/app.php/addons/free_addon/option_types

2) Go to: Admin: Configuration: Ajax Attribute Manager: Use Option Types: set to "true"

Note that for Text, Textarea and File Options, "Customer-Input" value will be auto assigned.




**********

## That's All

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### *AJAX Attribute Manager*

### *Version 4.5 Phoenix*

by @raiwa

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www.phoenixcartaddons.com

Change-Log:

V1 beta - First Release

v1.1 beta
--- General Bug fix release ---
* Slash problem fixed - thanks dynamoeffects
* install documentation updated
* Simplification of stop direct access logic - thanks tbruelan
* rework of core page actions
* moved configuration into its own class to aid with future changes
* fixed session variable not being reset when new product addition is canceled

v1.2 beta
--- General Bug Fix release ---
* fixed a javascript error when a option or option value was removed that contained a '

v1.3 beta
--- General Bug Fix release ---
* forgot to change one of the requires for the change of configuration

v1.4 beta
* Change of Copyright Notice as requested by the OSCommerce Team

v1.5 beta
--- General Bug Fix release ---
* Compleatly rewrote all AJAX request javascript.
It was using prototype.js but that was conflicting with the html area contribution.
It should also speed up page load time. Much less code.
* Fixed the attributes not being entered into the db on a new product
* Fixed the attributes not being linked to the product when it was a new product

v1.6 beta
--- New features release ---
* Changed it so that only indiviual sections get updated each time an action is performed
* Fixed a small problem with one of the javascript prompts if they contained a '
* Fixed non-latin charicters showing up as question marks
* changed all the prompts to make them more flexable
* added Multilingual support
* added attribute templates. With...
  * quick load
  * easy save
  * easy rename
  * delete

v1.7 beta
* very small bug fix todo with the not yet implemented sort order feature

v1.8 beta
* renamed the DB class and every call to it to amDB to try and avoid any naming conflicts (with pear for instacnce)

v1.9 beta
* fixed a problem with IE capturing the text field and not giving it back!

v2.2 beta
* Added support for product attributes sort order as well as pointers on how to add other fields

v2.3 beta

* Sort Order functionality is now switchable and easily configurable. Ground work for QT Pro Plugin

v2.3b beta
* Fixed a couple of bugs when  not using the sort order plugin

v2.4b beta
Bug solved:
* Malfunctioning of loading a attribute template in a new product.
New:
* Saving and loading sorting of attributes

v2.5b beta
* Malfunctioning of loading a attribute template in a new product.
* Malfunctioning of saving attributes to new products.

v2.5.1b beta
* Fixed: after modifying sort order field IE would lock

v2.5.2b beta
* Instructions updated.

v2.5.3 beta
* Fixed: When you dont have any Attributes, the AJAX Attribute Manager will NOT add the first Attribute to the product.

v2.6
* Fixed: Installation + instructions of sort order plugin.

v2.7
* Added Ability to Translate and and load translations + translated to Hebrew.

v2.8 beta
* Fixed: Prefix and Price update when adding new product.
* Fixed: Paths problem (on some systems).
* Fixed: SQL Query about adding price/prefix in the templates.
* Fixed: Default values when adding new option values thanks to pbor1234.
* Added: french language thanks to zardhoz.

v2.8.1 beta
* Fixed: No need to run extra MySQL query for am_attributes_to_templates.
* Fixed: Updating attributes for new products now works the same way like updating attributes for existing products.
* Fixed: Deleting attributes from new products now works.
* Fixed: Now adding "&" sign in product option names and product option values is possible.
* Added: Automated prefix when adding prices.
* Added: Brazilian Portuguese language thanks to Valmy Gomes.

v2.8.2 beta
* Fixed: Problems when you have " in the option name or value name.
* Fixed: Useless reordering the product options values when saving to, loading from template.
* Fixed: All attribute options are ordered by name.
* Fixed: All attribute values are ordered by the date they were added to a product/saved to template.
* Added: Two buttons to sort the attribute list.
* Added: Attribute price autoselect (only when price is "0.0000").
* Added: Some html optimization.

v2.83 - 2.8.4 bety
* Added: Every Option can now have an Download option
* Added: SortOrder implemented.

v2.8.5
* Fixed: On a new product Page, the attributeManger with the Sortorder would not work properly (yet) ->

attributeManagerAtomic.class.php not done yet. I disabled this functionality, so you first have to save the product bevore adding Product Options

v2.8.6
* Changed a often reported Error in AttributeManagerConfig.class
* added the new Spanish Translation

v2.8.7
* Added support for More Product Weight plugin (default is turned off)
* Rework of some QT Pro code to fully support QT Pro (see "Release Notes 2.8.7.txt" file)
* Russian translation added

v2.8.8 by Gilo_m
* Fixed: Use of short tags <? and <?= causing the crash using <br />
* Added in Hungarian language file into main zip

v2.8.9 BY Valmy Gomes (LegalLoja.com.br)

*Fixed the problem with QTPro in javascript/attributeManager.js

*update the language portugues.php and add the lines above:

```
define('AM_AJAX_MOVES_OPTION_UP', 'Mover opção para cima');
define('AM_AJAX_MOVES_OPTION_DOWN', 'Mover opção para baixo');
```

v2.8.9.3 by lildog
* added tooltip to sort buttons

v2.8.10 by modem2.0
- Fixed all <? echo by <?php echo
- Fixed all <?= by <?php echo
- Improved portuguese language.
- Disable by default the support to Use More Product Weight and Attributes Sort Order

v2.8.11 by surfalot mtholforty [at] surfalot [dot] com
+ Updated mysql function to msqli for forward compatibility (should maintain backward also)
+ removed PHP5 deprecated idiom =& new in attributeManagerGeneralFunctions.inc.php
+ Fixed PHP Strict Standards: Non-static method amDB::xxxxx() caused on PHP5.4.
+ Fixed "Illegal string offset 'id' & 'text' in html_output.php" caused by malformed array passed to tep_draw_pull_down_menu in attributeManagerPrompts.inc.php
+ Fixed more short <? PHP tags, extra commas, and missing semi-colons
+ Sync all language files and converted all files to UTF-8
+ Added some missing changelog stuff
+ Included required GNU License Statement

v2.8.12 by surfalot mtholforty [at] surfalot [dot] com
+ Fixed Call to undefined function amGetSesssionVariable() introduced in v2.8.11
+ Semicolon missing in: \admin\attributeManager\javascript\requester.js
+ Added UTF8 Character Encoding to the created tables.
+ Fixed PHP Strict Standards: Only variables should be passed by reference in attributeManagerGeneralFunctions.inc.php caused on PHP5.4.
+ Various input scrubbing issues cleaned up. (I know, it's behind a login and not hugely important, but I sleep better)
+ Fixed a couple more PHP5 deprecated pass by reference issues

v2.8.13 by Phocea
+ Added plugin option for Attribute Product Codes to the PHP5 version of this contribution

v2.8.14 by surfalot mtholforty [at] surfalot [dot] com
+ Turned off QT Pro plugin that was left enabled in Phocea's version
+ Fixed 1062 - Duplicate entry '1-4' for key 'PRIMARY'

insert into products_options_values (products_options_values_id, ...
in shops with osC2.2ms2 & using mysql_ PHP functions

v2.9 by @raiwa info@oscaddons.com www.oscaddons.com
+ updated for 2.3.4 BS Community version
- hardcoded filenames, database table names and paths
+ PHP 7+ compatibility
- changed class constructor names to "__construct", added empty class constructor function to
- empty class constructor added to attributeManager.class.php
- mysql_get_server_info updated to mysqli_get_server_info
+ updated instructions for latest 2.3.4BS EDGE (at June 20017)
+ screenshot with all additional suported contributions added to instructions
+ included modified files updated to latest 2.3.4BS EDGE (at June 20017)
+ support added for Options Images BS (latest version 1.5) https://apps.oscommerce.com/ijmp8&options-images-bs
+ layout clean up for additional add-ons (Code) and labels added
+ completed translation for spanish and german
+ old PHP4 versions removed

v2.9.1 by @raiwa info@oscaddons.com www.oscaddons.com
+ switched all additional add-on support to false in config file: admin/attributeManager/includes/classes/attributeManagerConfig.class.php. Thanks to @altoid and @PiLLaO
+ Fixed sql query for QTPro when options images are not switched on. Thanks to @PiLLaO

v2.9.2 by @raiwa info@oscaddons.com www.oscaddons.com
+ updated for PHP 7.2 compatibility. Changed deprecated while...each loops to foreach loops. Fixed undefined errors.
+ Added sort order support for 2.3.4.1 CE Frozen modular Product Info page.

v2.9.3 by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed undefined errors and other PHP 7.2 warning errors.

v2.9.4 by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed undefined errors and other PHP 7.2 warning errors.
+ Removed support for attribute products code contribution.
+ Fixed incompatibility with admin => Configuration => Sessions => Force Cookie Use => true.

v2.9.5 by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed accidentally removed code which broke the price update. Thanks to @John W
+ Fixed some other minor glitches and code cleanup.

v3.0.0 by @raiwa info@oscaddons.com www.oscaddons.com
+ Updated for Phoenix 1.0.x.x compatibility
+ Added code reference for Phoenix
+ Fixed some undefined notice errors.

v3.1.0 by @raiwa info@oscaddons.com www.oscaddons.com
+ Updated for Phoenix 1.0.3.x compatibility
+ hooked all modifications.
+ No core file changes any more.

v3.1.1 by @raiwa info@oscaddons.com www.oscaddons.com
+ fixed wrong css definition which caused all text in admin to show reduced. Thanks to @LeeFoster and @Omar_one for the report and testing

v3.2.0. by @raiwa info@oscaddons.com www.oscaddons.com
+ updated for Phoenix 1.0.5.9+ (jquery update and bootstrapped admin/categories.php)

v3.2.1. by @raiwa info@oscaddons.com www.oscaddons.com

+ removed deprecated SetFocus function call. Thanks to @PiLLaO

v3.3.0. by @raiwa info@oscaddons.com www.oscaddons.com
+ removed duplicated language definitions. Thanks to @kgtee
+ fixed unbalanced table columns. Thanks to @radhavallabh
+ added table titles.
+ updated to bootstrap design elements (buttons, tables etc).
+ replaced image icons by fontawesome icons.
+ removed deprecated css
+ removed deprecated image icons
+ replaced jquery with native javascript in admin hooks. Thanks to @PiLLaO
+ removed qtpro support. It's now available in it's own tab on the product edit page.
+ updated sort order support modifications in cm_pi_options_attributes.php

v3.3.1. by @raiwa info@oscaddons.com www.oscaddons.com
+ fixed notice errors for new product. Thanks to @jonwix for the report
+ removed obsolete script type declarations. Thanks to @radhavallabh for the report and testing
+ removed deprecated sql support.

v3.3.2. by @raiwa info@oscaddons.com www.oscaddons.com
+ added support for Phoenix 1.0.7.10 core sort order
+ removed optional product_options_sort_order support
+ added auto update script for product_options_sort_order to core sort order columns.
+ normalized spacing and indents.
+ updated custom database functions to use core functions.
+ modernized coding to match core standards

v3.3.3. by @raiwa info@oscaddons.com www.oscaddons.com
+ fixed bad encoding in russian language file. Thanks to @Fredi
+ fixed duplicated and removed unused definitions in language files. Thanks to @Dennis
+ modernized code to match actual core standards.

v3.3.4. by @raiwa info@oscaddons.com www.oscaddons.com
+ updated deprecated session functions for Phoenix 1.0.7.14. Thanks to @vmn

v3.3.5. by @raiwa info@oscaddons.com www.oscaddons.com
+ added install script for sort_order column in products_attributes table if missing. Thanks to @radhavallabh and @Patrick_R for the report
+ Added instructions to modify product info options attributes module's query to use product based attributes values sort order.

v3.4.0. by @raiwa info@oscaddons.com www.oscaddons.com
+ updated all code for Phoenix 1.0.8.4+ compatibility
+ moved configuration entries from attributeManagerConfig.class.php to Admin: Configuration DB entries
+ added support for Wholesale Lite. Thanks to @BrockleyJohn
+ removed unused and obsolete qtpro support code which was left over
+ removed Atomic updates

v3.4.1. by @raiwa info@oscaddons.com www.oscaddons.com
+ removed obsolete inclusion of deprecated attributeManagerUpdateAtomic.inc.php in admin/catalog hook. Thanks to @zeeshop for the report
+ Added version info to admin/catalog hook
+ corrected wrong update instructions

v3.4.2. by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed non working language buttons. Thanks to @Omar_one for the report and testing
+ Fixed sort_order update sql for updates from older versions. Thanks to @Omar_one for the report and testing
+removed ending "?>" in admin catalog hook. Thanks to @Omar_one for the report and testing

v3.5.0. by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed undefined notice and fatal runtime error which may appear when uncomplete options images db

entries are used. Thanks to radhavallabh for the report and testing
+ Updated support for Phoenix Attributes Weight Addon
+ Tested with Phoenix 1.0.8.14

v3.5.1. by @raiwa info@oscaddons.com www.oscaddons.com
+ Updated "escape" to "encodeURI" in admin/attributeManager/javascript/attributeManager.js to fix special character encoding. Thanks to @GdNico for the report and suggested fix.

v3.5.2. by @raiwa info@oscaddons.com www.oscaddons.com
+ Fixed warning error when the first option is added to a product. Thanks to @radhavallabh for the report and testing.

v3.5.3. by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ Fixed not saving templates. Tahnks to @m0fix for the report

v3.6.0 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ fixed requester erro message for new products. Thanks to @Denzel for the report and fix
+ updated and tested with Phoenix 1.0.8.21 and PHP 8.2
+ added support for QtPro
+ added support for Option Types

v3.6.1 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ added override product_loader class for product based attribute sort order support
+ tested with Phoenix 1.0.9.1 and PHP 8.2

v4.0 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ replaced overridden product_loader class by system hook
+ updated for Phoenix 1.1.0.0+ and Bootstrap 5
+ tested with Phoenix 1.1.0.1 and PHP 8.3

v4.1 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ removed obsolete attributeManagerAtomic class
+ tested with Phoenix 1.1.0.6 and PHP 8.3

v4.2 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ updated Bootstrap 4 mr-1 class to me-1 in admin catalog hook
+ supress requester error in admin siteWide hook adding check if pid is set. (thanks to @Denzel and @PiLLao)

v4.3 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ fixed price, weight update for Option Types CUSTOM_INPUT attributes
+ fixed Template save and load for Option Types CUSTOM_INPUT attributes
+ tested with Phoenixcart 1.1.0.7 and PHP 8.5

v4.4 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ added Options Attributes Stock support

v4.5 - 13 November 2026 - by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ Integrated the published 4.4 Options Attributes Stock support with the latest installation and upgrade fixes.
+ Fixed duplicate configuration-key errors during installation; newly installed settings are available immediately.
+ Added missing stock settings and template stock fields during upgrades, including existing admin sessions.
+ Fixed missing stock-field warnings, zero-stock tracking, and stock updates that could clear quantities when no stock input was supplied.
+ Fixed template loading: missing, empty, or obsolete templates preserve existing product attributes; transactional replacement rolls back on failure.
+ Fixed strict SQL template-save errors and numeric defaults; corrected legacy sort-order and weight-

column migrations without discarding weight data.
+ Fixed the PHP 8.5 deprecation when reading empty templates.
+ Secured manager AJAX requests with POST and native Phoenix form-token validation.
+ Escaped displayed names, popup headings, and inline JavaScript data while preserving popup line breaks.
+ Fixed request encoding for ampersands, quotes, colons, pipes, percent signs, and Unicode; corrected multilingual option comments for nonconsecutive language IDs.
+ Added PHP and JavaScript regression checks. Addon syntax and simulated functional/security checks pass on PHP 7.3-8.5; strict SQL and InnoDB rollback checks pass on PHP 7.4-8.5.
+ Fresh installation and browser functionality tests completed without reported console or PHP log errors.
Attributes Stock requires the separately installed Options Attributes Stock addon and defaults to disabled.
QtPro remains a separate integration.

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## *AJAX Attribute Manager*

## *Version 4.5 Phoenix*

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v4.3 by @raiwa raiwa@phoenixcartaddons.com www.phoenixcartaddons.com
+ fixed price, weight update for Option Types CUSTOM_INPUT attributes
+ fixed Template save and load for Option Types CUSTOM_INPUT attributes
+ tested with Phoenixcart 1.1.0.7 and PHP 8.5

## Compatibility:

Phoenix Cart 1.1.0.0+
PHP: 7.0 - 8.5
Tested with Phoenix 1.1.0.7

## *Update Version 4.0-4.4 to Version 4.5:*

1. Make sure you are at least on Phoenix 1.1.0.0:

2. Upload and replace all files from the upload folder

The following file may already be present if you are using one of my other addons which adds columns to the options/attributes table:
includes/hooks/shop/system/_09_loadAttributesRaiwa.php

It is identical to the system hook packed with the addons:
Options Images 3.2+
Attributes Weight 2.1+
QtPro 5.0+
Option Types 2.1+
Wholesale Lite 5.1+
Wholesale Pro 5.1+

Options Attributes Stock 1.0+

## *Update Version 3.6.1 to Version 4.0:*

1. Make sure you are at least on Phoenix 1.1.0.0:

2. Upload and replace all files from the upload folder

The following file may already be present if you are using one of my other addons which adds columns to the options/attributes table:
includes/hooks/shop/system/_09_loadAttributesRaiwa.php

It is identical to the system hook packed with the addons:
Options Images 3.2+
Attributes Weight 2.1+
QtPro 5.0+
Option Types 2.1+
Wholesale Lite 5.1+
Wholesale Pro 5.1+

2. Delete the following file:
includes\system\override\attribute_manager\product_loader.php

That's it!

## *Update Version 3.3.5 to 3.6.0 to Version 3.6.1:*

1. Make sure you are at least on Phoenix 1.0.8.5:

2. upload and replace all files from the catalog (upload all) folder.
(no need to uninstall/reinstall)

3. Go to: admin -> catalog -> edit any product

4. Go to: admin -> configuration -> adjust settings for the additional contributions you are using

That's it!

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## *AJAX Attribute Manager*

## *Uninstall*

1) Uploads

Upload the file “uninstall/catalog/db_uninstall.php” to your store root directory.

2) type: www.mystore/db_uninstall.php
This will remove all AJAX Attribute Manager Configuration settings in:

Admin : Configuration : Ajax Attribute Manager
as well as the database tables "am_attributes_to_templates" and "am_templates".

Remove this file once you finished the uninstall process.

That's it!

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Version 2, June 1991

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