Grouped Product

v 1.0.0

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1 Introduction

1.1 Summary

The grouped product introduction information goes here

1.2 Key Features

Key features here.

- Display/sort any attribute in any order on the grouped product table.
- Import using built-in Magento import tool.
- Define default attributes/column order on a per product, per attribute set, or overall default basis.
- Sort table using javascript, no page reloads for sorting of full listing.
- Uses robust jQuery Datatables plugin allowing plugins to be installed to do even more advanced sorting/options from a large open-source community.
- No code changes required during install.
- Heavily customizable from the backend system configuration.
- Customize which toolbar functions are displayed and how.
- Full Page Cache Aware
- No ionCube loader required, code is 100% available to customize to your needs & preferences.

2 Installation Manual.

2.1 Pre-requisites

The Levementum Groupedproduct Extension has been tested on Magento EE v1.11+.

2.2 Pre-installation Tasks

Before the installation of this module it is recommended to disable caching as well as disable compilation.

- Disable Cache
  - System -> Cache Management -> Select All Cache -> Disable
- Disable Compilation (if enabled)
  - System -> Tools -> Compilation

2.3 Installation Procedure

Two modules are included in this package (Levementum_LevCore) and (Levementum_Groupedproduct). Both modules are required for the functionality of the Custom Grouped Product table; LevCore contains certain configurations and helpers that Groupedproduct needs including the jQuery library if not already installed in your instance.

Step 1. **Install Code & Template files**

a. After extracting the provided module file you should rename your folder structure to match your package/themes. The included folder structures are:

i. /app/design/frontend/enterprise/default -> /app/design/{your_package}/{your_theme}/

ii. /app/skin/frontend/enterprise/default -> /app/skin/frontend/{your_package}/{your_theme}/

b. Copy all files from the included Levementum_LevCore & Levementum_Groupedproduct folders into your Magento root folder.

Step 2. **Clear cache**

a. Cache should be disabled, but if cache has been active some data can still be used. Enter System -> Cache Management -> Flush Magento Cache

Step 3. **Refresh Admin ACL on session**

a. Log out and log back in. This will prevent 404 errors in the System configuration screens.

Step 4. **If you have a version of jQuery.**

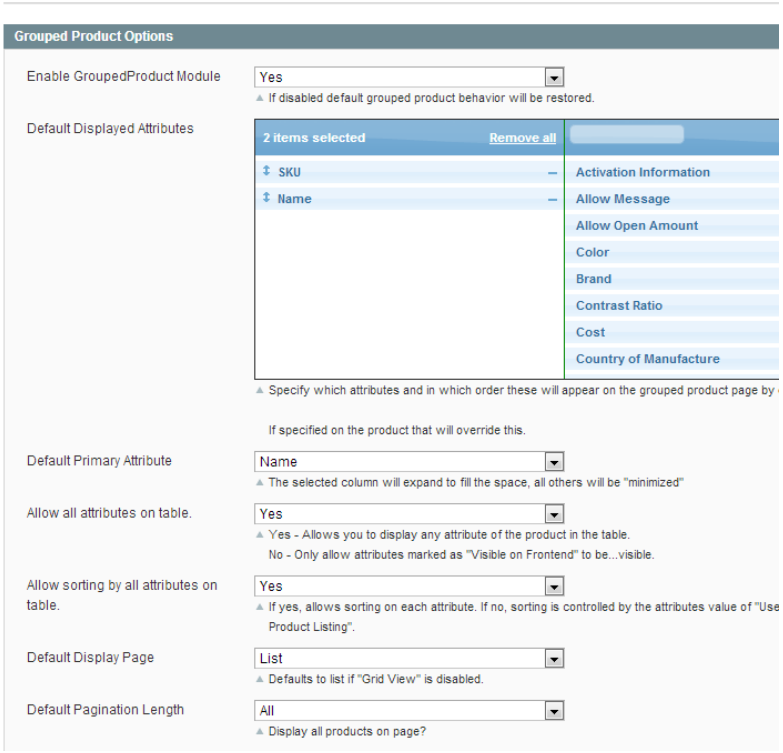
a. If jQuery library is installed from another library OR a change directly in code it should be disabled in this module.

i. System -> Configuration -> Levementum Core

ii. Disable jQuery include in Frontend and/or Admin depending on how it is already included.

3 Configuration

This module has many configurations that can be done in the System -> Configuration -> Levementum_Groupedproduct section.

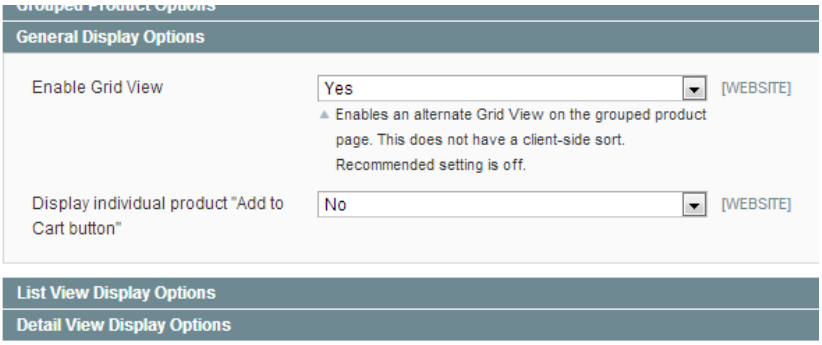


3.1 Grouped Product Options

- *Enable GroupedProduct Module* – Enable the use of the grouped product on the product page. This does not disable the module but suppresses the use.
- *Default Displayed Attributes* – This controls the selection and order of attributes on the grouped product table that are used by default. If no columns are selected on the product or by set the module will use these.
- *Default Primary Attribute* – By default the module will attempt to make the width of each column equal. If a primary attribute is defined it will try and make this attribute expand as much of the space as possible. Typically this would be an identifying piece of information that is relevant to the user, such as the Name of the simple associated product.
- *Allow all attributes on table* – This controls whether to respect the attribute setting "Visible on frontend". If this setting is disabled then the attribute will not be displayed on the table if "Visible on frontend" is set to "no" regardless of whether or not it is selected as a column. If this setting is yes then any attribute selected will appear on the table.
- *Allow sorting by all attributes on table* – This controls whether to respect the attribute setting "Used for sorting in product listing". If this setting is disabled then the attribute will not be sortable on the table if the attributes setting "User for product sorting" is set to "no". If this setting is enabled then all attributes added to the grouped product table can be sorted.
- *Default Pagination Length* – Number of products to display in the table by default. Note: All associated products are loaded onto the page by default. Pagination in this case refers to the client-side number of products to display.
- *Default Display Page* – The grouped product module supports two layouts termed "List" and

"Detail". Define which the customer sees by default.

3.2 General Display Options



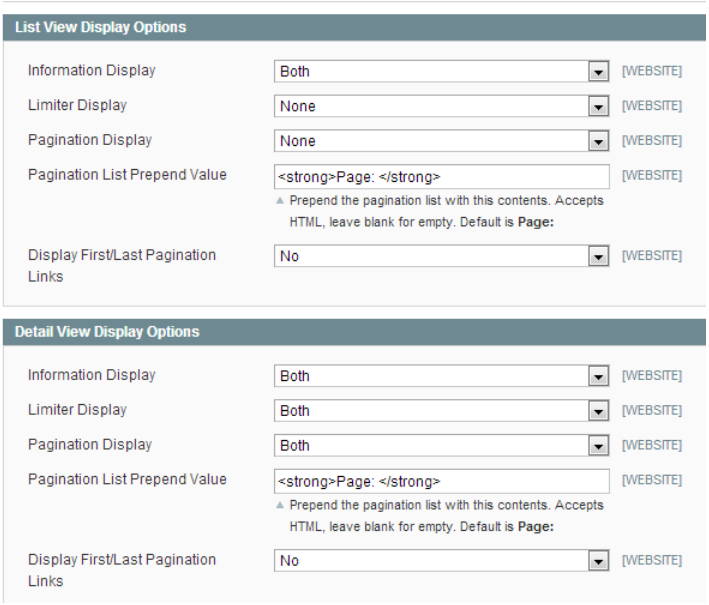
- *Display individual product "Add to Cart button"* – Add an "add to cart" button to each row of the list view. This is recommended to be off, hitting this button would result in being directed away from the product table page.
- *Enable Grid View* – This module comes with an option "Grid View" for the grouped product table, similar to the category view page. Grid view is off by default. In-place javascript sorting is not possible in this view and changing the sort requires a page reload.

3.3 List/Detail View Display Options

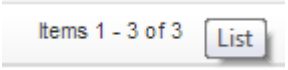
The options between these two sections have the same meanings.

Options for Display settings:

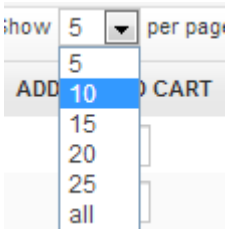
1. *Both* – Display option on the top and bottom of the table.
2. *Top/Bottom* – Display option on the selected location of the table.
3. *None* – Do not display the option.



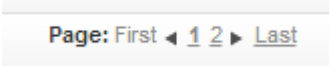
- *Information Display* – Displays information about the number of items currently displayed.



- *Limiter Display* – Displays a control to allow the customer to change the number of items loaded on a page.
- *Pagination Display* – Displays a pagination selectors to allow you to change pages. Only available if "*Limiter Display*" is enabled.
- *Pagination List Prepend Value* – Allows you to change the label attached to the pagination display. Default is bolded "Page:". This can be cleared if desired to have no label.

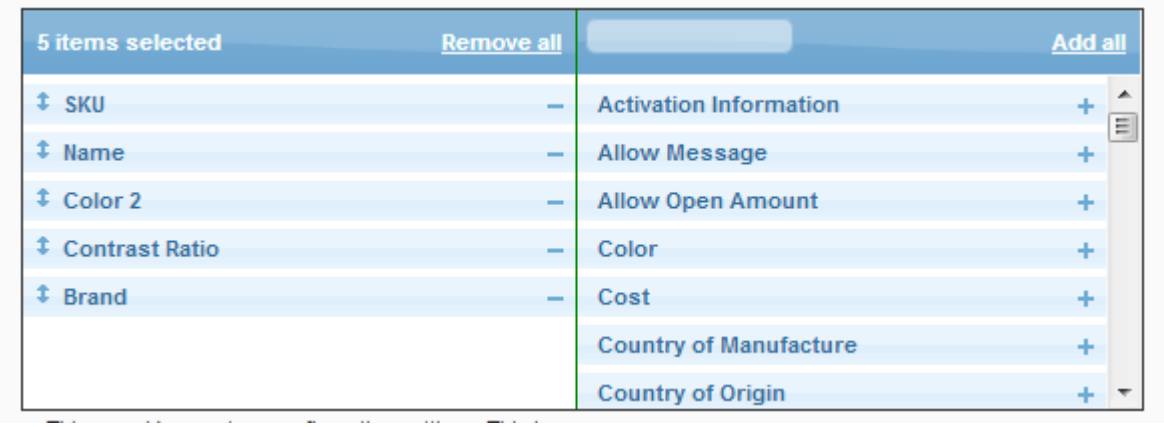


- *Display First/Last Pagination Links* – In the pagination menu display 'first' & 'last' links allowing the customer to quickly navigate the table.



4 Choosing Columns on Grouped Product Table

4.1 Using the Attribute Selection UI



The above interface allows you to select the unused attributes on the right hand column and move them to the left hand column in the order you choose using a drag & drop interface. The order of columns on the table left -> right matches this are top -> bottom. **Note: Do not select too many columns. The columns can only adjust so far and depending on the length of the attribute label will cause the table to extend out of its contained area. It tries to keep it in check, but ultimately you can't select 10+ attributes and have it display properly.**

This module uses a fall back system with highest to lowest priority: defined on individual grouped product, defined at the attribute set level, and overall default.

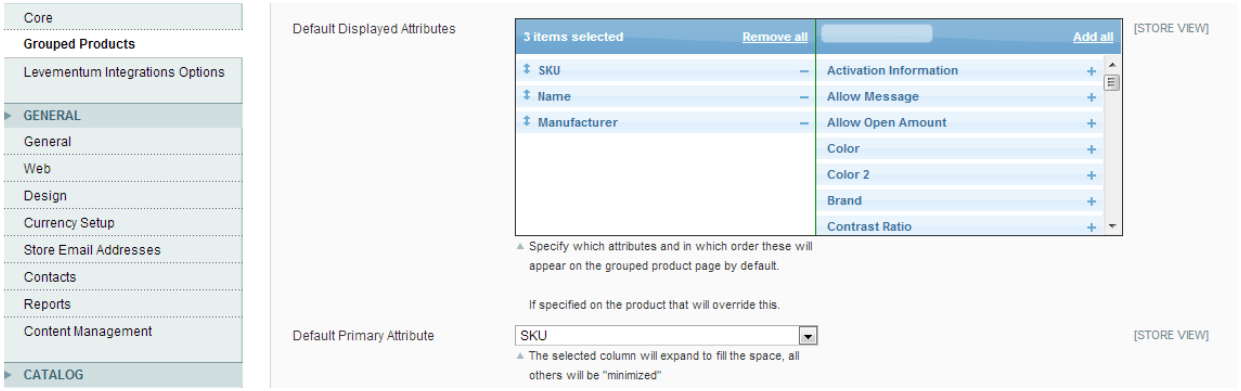
If a higher priority item has the column order set then the lower priority ones are ignored.

4.2 Selecting the Columns

4.2.1 Overall Default Columns

On installation the site-wide grouped product column defaults are "sku" and "name". These can be edited in the System -> Configuration -> Levementum Groupedproduct area.

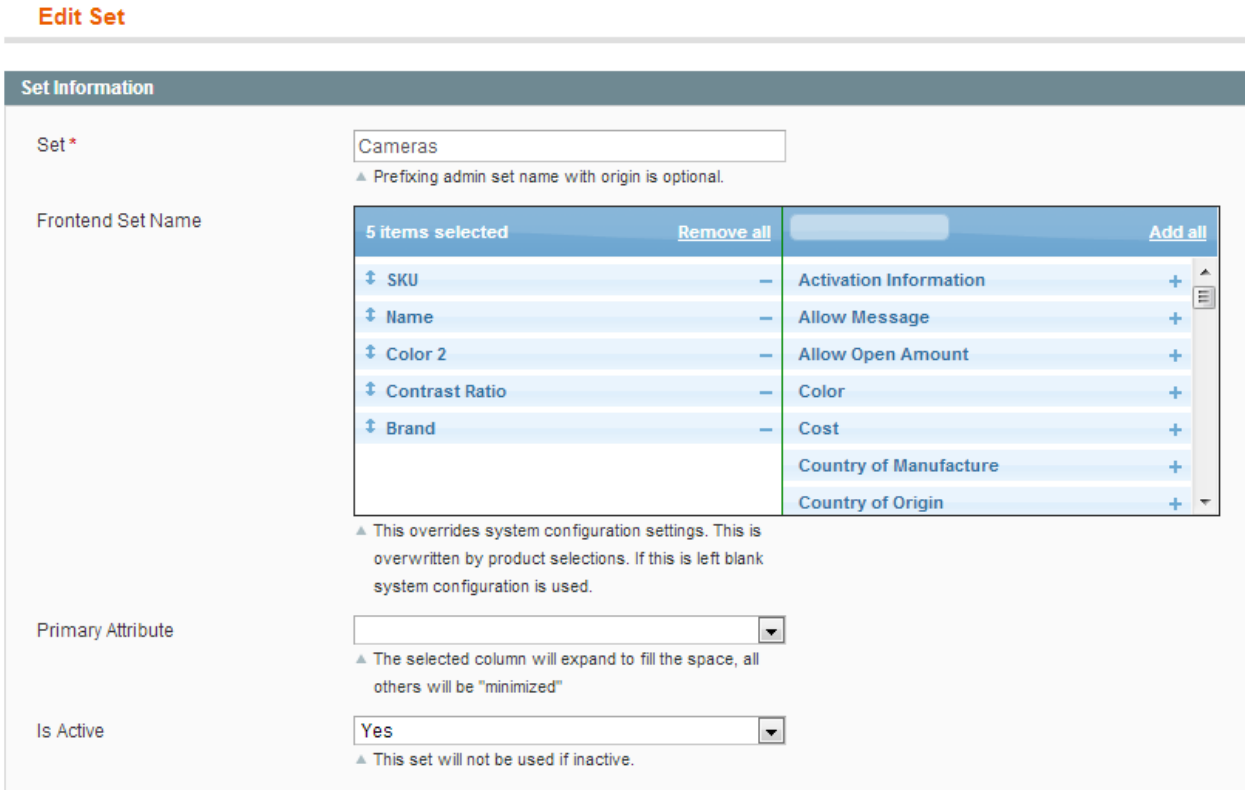
The overall default columns are only used if columns are not defined on the product or attribute set level. You can also define the default Primary attribute (the attribute that expands to fill extra space if available).



4.2.2 Default Columns on Attribute Set (Levementum -> GroupedProduct Set Management)

You also have the option of setting the default columns on the attribute set level. Using this you can set all products in the Watercolor Paints set to use one default set of attributes (e.g. SKU, Color, Size) while setting all products in the Paint Brush set to use a different set of attributes (e.g. SKU, Length, Handle Type, etc).

When using the interface you may also select a default attribute set Primary Attribute. The attribute set customizations made here will only take effect if this set modification is marked "active".

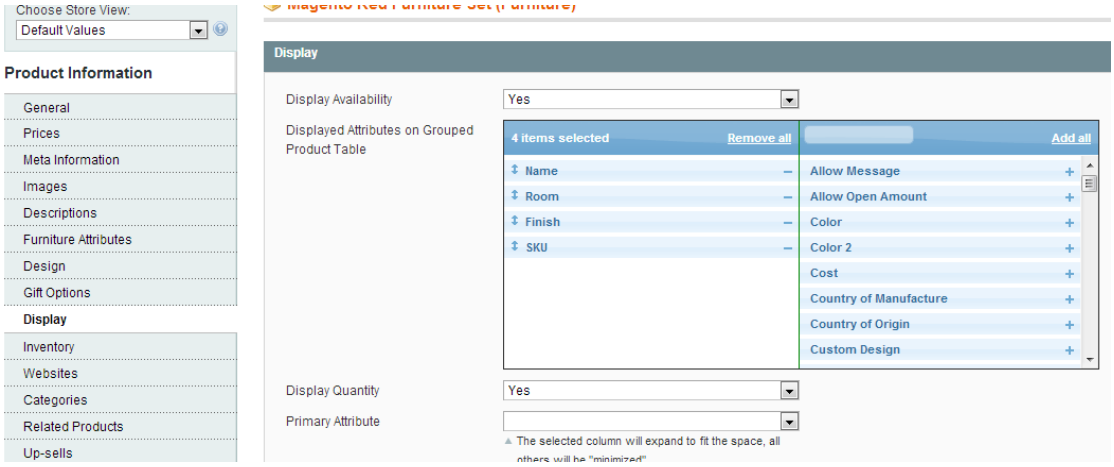


4.2.3 Columns on Product Level

The highest priority is product level column assignments. These can be made by editing the product in the admin or through a product import script (how?). Any customizations made on the product level will be the option used. If you have a specific product in your Paint Brush set that should use (SKU, Length) but not handle type you can do that here for example.

To do this go to Catalog -> Manage Products -> Choose the product to edit -> Display Tab.

Here you can also define to display the availability, quantity and the primary attribute to be used.



5 Uninstall / Disabling

1) *Emergency Disabling* – Go to /app/etc/modules/Levementum_Groupedproduct.xml and change <active>true</active> to false and then flush cache storage. This will disable the module.
2) *Temporarily Disable* – Go to System -> Configuration -> Levementum Groupedproduct and change the setting Enabled to "No". This will remove the module from being active. This will effectively disable the module from being displayed on the frontend and will restore default functionality.
3) *Uninstall*
   a) *File System Changes*
      (1) Disable cache and compilation
      (2) Delete /app/etc/modules/Levementum_Groupedproduct.xml
      (3) Delete /app/code/local/Levementum/Groupedproduct
      (4) Delete /app/design/frontend/{package}/{theme}/layout/levementum/groupedproduct.xml
      (5) Delete /app/design/frontend/{package}/{theme}/template/levementum/groupedproduct
      (6) Delete /skin/frontend/{package}/{theme}/levementum/css/groupedproduct.css
      (7) Delete /skin/frontend/{package}/{theme}/levementum/datatables/
      (8) Delete Delete /skin/frontend/{package}/{theme}/images/levementum/bkg_pager.gif and bkg_viewmode.gif
   b) *Database Changes*
      (1) Delete the table "levementum_groupedproduct_sets"

6 Troubleshooting

6.1 Common Problems

6.1.1 I moved all the files over but nothing happened.

This could be a variety of issues some of the most common:

1) The folder structure of the module doesn't mesh with your installation. The default folder structure is:
   adminhtml/default/default and frontend/enterprise/default
   If you are using an alternate package or theme you'll need to adjust these as necessary.

Package	Theme	Expected Folder structures
enterprise	custom	/app/design/frontend/enterprise/custom/ /skin/frontend/enterprise/custom/
my_company	theme1	/app/design/frontend/my_company/theme1/ /skin/frontend/my_company/theme1/

2) Cache and/or compilation are on during installation attempt.
   a) Disable compilation, System -> Tools -> Compilation
   b) Disable Cache, System -> Tools -> Cache Management
   c) The module will be installed after disabling the cache. Occasionally it will require "Flush Cache Storage" for all settings and configurations to take effect.

6.1.2 Throwing Javascript errors in frontend and/or admin

Levementum_LevCore by default includes jQuery in both the frontend and admin. It attempts to remove the built-in version 1.3.1 as well.

If you have already included a version of jQuery in the frontend and/or admin areas you'll need to disable this modules include file. This can be done in System -> Configuration -> Levementum Core and disable the include that is causing a conflict.

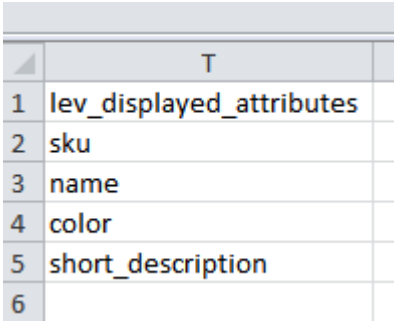
Note: This module was tested using jQuery v1.7.2 which is the version currently included in the package.

6.1.3 How do I import the columns on a product.

Fortunately this is rather easy. On the product import sheet you are using create a column called "lev_displayed_attributes". Add the attribute codes you wish to include each on a new row in the order you want them to appear left to right each on a new row.

In the figure on the right the table display would be:

sku	name	color	short_description



	T
1	lev_displayed_attributes
2	sku
3	name
4	color
5	short_description
6	

6.1.4 How do I export the columns on a product.

Unfortunately this is not possible in the current module due to limitations in the export engine of Magento. The attribute is excluded from exports altogether; if it were included they would be in the wrong order and potential data errors would occur if you attempted to re-import the file you just exported. The decision was made to ensure data integrity over the meaningless alphabetized order Magento writes to the file.

While we could override this function and provide this added functionality the ramifications of that override would be major and potentially break the import in a catastrophic way depending on what version of EE you were using. Even version 1.11 and 1.12 have very different logic in the function that would be required to override.