Guides

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- ➤ Magento Backend: Adding New Products and Email Configuration

Magento 2.2.2 Guide for New Theme

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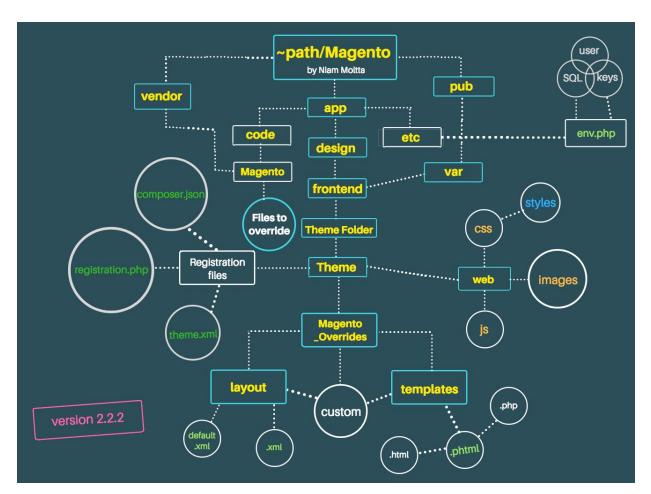
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Test your new email configuration

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Magento Frontend Structure



1. Download and Install Magento From: https://magento.com/tech-resources/download

| var | | | |
|-----|-----|----------------------------|---------------|
| | www | | |
| | | *Put unzipped folders here | *or localhost |

2. Open browser, go to server address and follow instructions:

Some extensions and tools may be needed, check: http://docs.magento.com/m1/ce/user_guide/magento/system-requirements.html

Better to have in hand:

- a. Unique Username
- b. Valid e-mail
- c. Unique and hard to guess Password

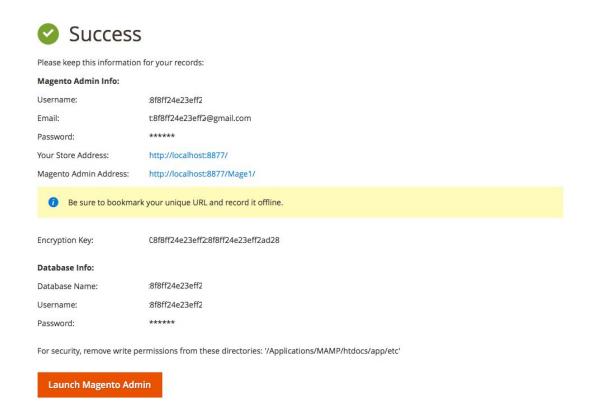
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Set database name and password (for mysql):

*meaningful name

*unforgettable password

3. When you see this page, set developer mode:



Go to ~path/magento_root_directory:

\$ php bin/magento deploy:mode:set developer

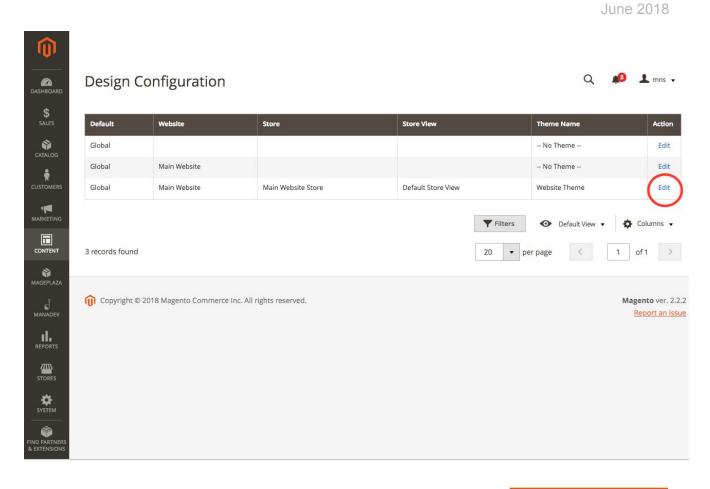
4. Add new Theme Folder to ~path/magento_root_directory:

| app | | | |
|-----|--------|----------|-----------------------|
| | design | | |
| | | frontend | d |
| | | | Geedop (Theme Folder) |
| | | | ☐ Theme |

5. Install new Theme from admin page http://youraddress/admin:

Content > Design > Configuration > Edit > Select Applied Theme > Save Configuration

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Save Configuration

Default Theme

Applied Theme



If no value is specified, the system default is used. The system default may be modified by third party extensions.

Design Rule

User Agent Rules

User agent exceptions override product and CMS pages rules.

Go to ~path/Magento_root_directory:

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\$php bin/magento setup:static-content:deploy -f
\$rm -rf var/view_preprocessed/* var/cache/* var/page_cache/* pub/static/frontend/*
\$php bin/magento cache:flush

6. Import database:

On your previous location, run:

\$mysqldump -u user -p databasename > databasenewfile.sql

On your new location:

\$mysql -u user -p

- > use 'databasename';
- > drop database 'olddatabase";
- > create database 'newdatabase';

*clear for new database to import

*necessary if contains previous data

> exit

\$msql -u user -p newdatabase < newdatabase.sql

7. Update base_url for new server:

\$mysql -u user -p

- > USE newimporteddatabase;
- > UPDATE core_config_data SET value = 'http://serveraddress/' WHERE path LIKE 'web/unsecure/base_url';
- > UPDATE core_config_data SET value = 'https://serveraddress/' WHERE path LIKE 'web/secure/base_url';
- > exit

8. ~path/magento_root_directory:

\$composer install

\$php bin/magento setup:static-content:deploy -f

\$php bin/magento setup:di:compile

\$php bin/magento maintenance:enable

\$php bin/magento setup:upgrade --keep-generated

\$php bin/magento maintenance:disable

\$php bin/magento indexer:reindex

\$php bin/magento setup:di:compile

\$php bin/magento cache:flush

Permission troubles?

**If_necessary: \$chmod -R 777 var/ || pub/

9. Product images location:

| pub | | | | | | |
|-----|-------|---------|--------|-------|-------|------------|
| | media | | | | | |
| | | catalog | j | | | |
| | | | produc | ct | | |
| | | | | cache | | |
| | | | | | image | |
| | | | | | | Image.jpg |
| | | | | | | Image.png |
| | | | | | | image.jpeg |
| | | | | | | |

11. Updates: localhost → server

Once the desired changes are visible on localhost > Upload file(s) through *Filezilla* or *ssh* and go to ~path/Magento_root_directory:

\$rm -rf var/view_preprocessed/* var/cache/* var/page_cache/* pub/static/frontend/*
\$php bin/magento cache:flush

12. Email Configuration - SMTP Extension ~path/Magento_root_directory:

\$composer require mageplaza/module-smtp

\$php bin/magento setup:upgrade

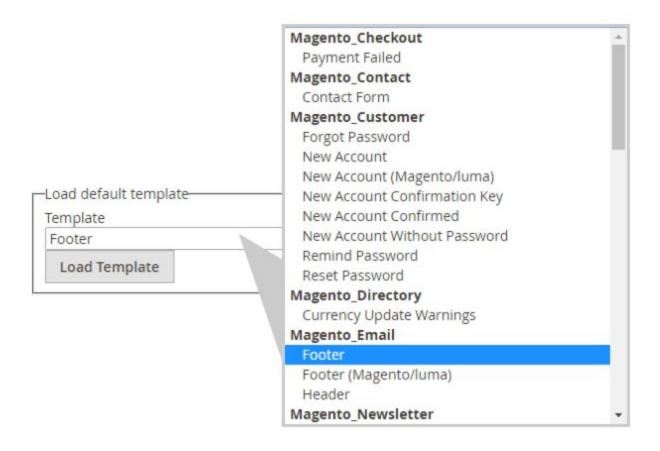
\$php bin/magento setup:static-content:deploy

\$php bin /magento setup:di:compile

13. Customize Email Templates > admin page http://youraddress/admin:

Marketing > Communications > Email Templates > Add New Template > Select Template > Load Template

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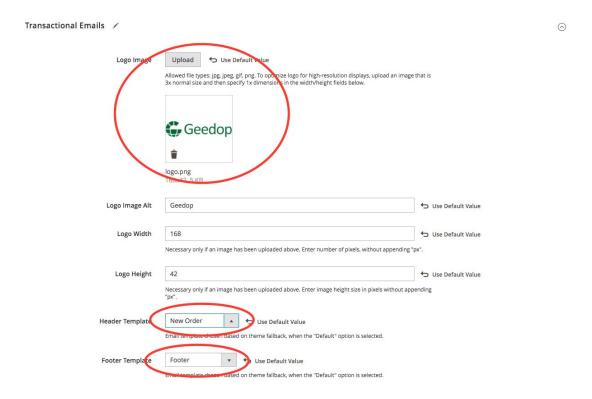
14. Fill out the Template Information > Save Template



15. Activate the new email templates for your Theme and upload Logo Image

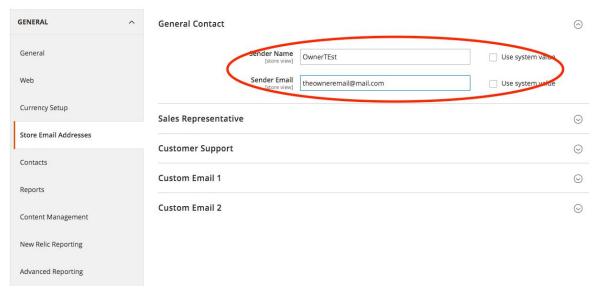
Content > Design > Configuration > Edit > Transactional Emails

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16. Insert your custom store emails

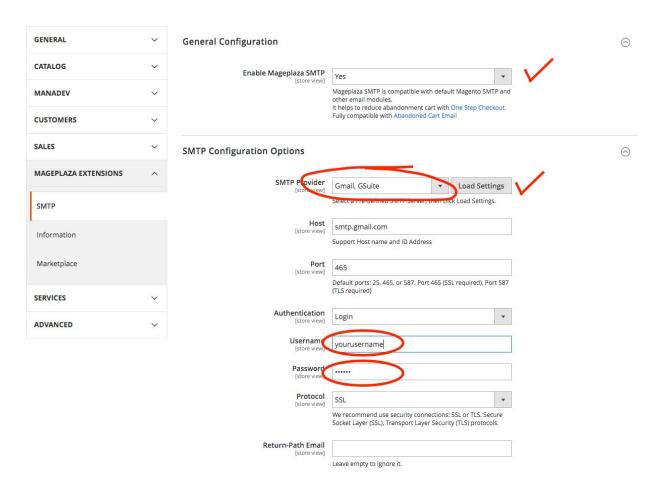
Stores > Settings > Configuration > General > Store Email Addresses > Save Config



17. Configure the Simple Mail Transfer Protocol

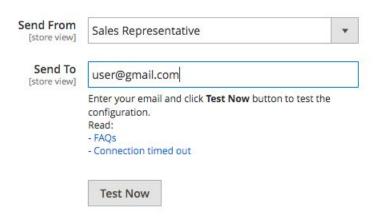
Mageplaza > SMTP > Configuration > Save Config

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18. Flush Cache and Test your new configuration

Send Test Email



Custom Theme Structure

code

Manadev

LayeredNavigation

view-Magento-luma

- frontend
 - o templates
 - navigation.phtml (Filters open by default and multiple selection allowed → left column for specific page: category, search results, homepage, etc.)

design

frontend

Geedop

Theme

- etc
 - o view.xml
- Catalog
 - layout
 - catalog_category_view.xml
 - catalog_product_view.xml
 - templates
 - category
 - description.phtml (gallery of products filter-sensible on category page)
 - products.phtml (subcategories before product list)
 - source
 - carousel.phtml
 - o carouselmobile.phtml
 - product
 - addtocart.phtml (add to quote)
 - list.phtml (product list --> table)
 - listsearch.phtml (display categories on results page)
- CatalogSearch
 - **layout**
 - catalogsearch_result_index.xml (declare listsearch.phtml)
- Checkout
 - templates
 - success.phtml ('thank you for your request → recommended for you block)
 - ı cart

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- noltems.phtml (quote is empty
 → recommended for you block)
- Contact
 - templates
 - form.phtml (Customer Help form)
- Email
 - templates
 - **email** (custom email for quotes):
 - footer.html
 - web
 - logo_email.png
- Payment (Shopping → Quoting)
- Sales
 - templates
 - email
 - order_new.html (Custom email for quote/order confirmation)
- Search
 - o templates
 - form.mini.phtml ("Search for a product")
- Theme
 - o layout
 - cms_index_index.xml (mapbox css/js are declared here)
 - default_head_blocks.xml (css files)
 - default.xml (main structure > header content > header links)
 - templates
 - html
 - customer-help.html (form.phtml and blocks)
 - footer.phtml (footer links)
 - how-to-quote.html
 - not-found.html (404)
 - topmenu.phtml (headerlinks on side menu for mobile view)
 - home.html (home page blocks)
 - bestsellerhome.phtml (home page "best sellers")
 - bestsellers.phtml (cms/category pages 'recommended for you')
 - categories.phtml (home page categories grid)

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- mapbox.phtml (home page map, links may need to be updated from mapbox account)
- catmenu.phtml (categories layered navigation on left column for home page).
- subcatmenu.phtml (subcategories layered navigation for left column on category page when it has children and grandchildren).
- helpbutton.phtml

FFT's

1. 'Add to cart' is not working: "We can't add this item to your shopping cart right now".

```
If $ php bin/magento setup:di:compile does not work, run:
```

- \$ rm -rf pub/static/frontend/* pub/static/adminhtml/* var/cache/* var/page_cache/* var/view_preprocessed/*
- \$ php bin/magento setup:static-content:deploy
- \$ php bin/magento indexer:reindex

If it worked previously, just run:

- \$ php bin/magento cache:flush
- \$ php bin/magento indexer:reindex
- \$ php bin/magento setup:di:compile (again)
- \$ chmod -R 777 var/ pub/
- 2. I can't sign in to admin, even when I am using the correct password.

Go to your magento/root/path:

\$ php bin/magento admin:user:unlock ADMINUSERNAME

Or change password in database:

- \$ mysql -u username -p
- \$ password
- > use databasename;
- > UPDATE admin_user SET password = CONCAT(SHA2('xxxxxxxxNewPassword', 256),
- ':xxxxxxxx:1') WHERE username = 'AdminUserName';
- > exit;

If problem remains:

> \$ php bin/magento admin:user:unlock ADMINUSERNAME (again)

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3. When setting mode from developer to production, website goes blank.

\$ sudo rm -rf var/cache/* generated/metadata/* generated/code/*

var/view_preprocessed/* pub/static/frontend/* pub/static/adminhtml/*

- \$ sudo chmod -R 777 var/ pub/
- \$ sudo bin/magento setup:static-content:deploy --no-less --no-css -f
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo bin/magento deploy:mode:set production --skip-compilation
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo php bin/magento cache:flush
- \$ sudo php bin/magento cache:clean
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo composer install
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo php bin/magento setup:di:compile
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo bin/magento setup:static-content:deploy -f
- \$ sudo chmod -R 777 var/ pub/
- \$ sudo php bin/magento cache:status

Current status: (must look like this)

config: 0

layout: 0

block_html: 0

collections: 0

reflection: 0

db ddl: 0

eav: 0

customer_notification: 0

config_integration: 0

config_integration_api: 0

full_page: 0

translate: 0

config_webservice: 0

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If that result doesn't show up, run:

```
$ sudo php bin/magento cache:disable
```

\$ sudo chmod -R 777 var/ pub/

\$ sudo bin/magento deploy:mode:show

Expected Result:

Current application mode: production. (Note: Environment variables may override this value.)

When implementing custom javascript code, quote number and other jQuery functions stop working.

Edit your custom javascript code beginning/ending to look like this:

- 5. Configuration trouble on server for new domain name.
 - The new domain name must point to new server.
 - Magento database must have web secure & insecure url set to new address
 - To set new url's for Magento go to mysql > databasename > core_config_data and change them to the correct new url (http://yourdomain.com & https://yourdomain.com).
 - For more instructions to change url, go to step 7.
 - Make sure the following files are similar to these examples:

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/etc/hosts file:

127.0.0.1 localhost

The following lines are desirable for IPv6 capable hosts

::1 ip6-localhost ip6-loopback

fe00::0 ip6-localnet

ff00::0 ip6-mcastprefix

ff02::1 ip6-allnodes

ff02::2 ip6-allrouters

ff02::3 ip6-allhosts

/etc/apache2/sites-available/yoursite.conf:

```
<VirtualHost *:80>
        # The ServerName directive sets the request scheme, hostname and port that
        # the server uses to identify itself. This is used when creating
        # redirection URLs. In the context of virtual hosts, the ServerName
        # specifies what hostname must appear in the request's Host: header to
        # match this virtual host. For the default virtual host (this file) this
        # value is not decisive as it is used as a last resort host regardless.
        # However, you must set it for any further virtual host explicitly.
        ServerName yourdomain.com
        ServerAlias www.yourdomain.com
                                               *www can be replaced by store
        ServerAdmin webmaster@localhost
        DocumentRoot /var/www/yourrootdirectory
        <Directory /var/www/geedopstore>
                Options Indexes FollowSymLinks MultiViews
         AllowOverride All
         allow from all
        </Directory>
        # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
        # error, crit, alert, emerg.
        # It is also possible to configure the loglevel for particular
        # modules, e.g.
        #LogLevel info ssl:warn
        ErrorLog ${APACHE_LOG_DIR}/error.log
        CustomLog ${APACHE_LOG_DIR}/access.log combined
        # For most configuration files from conf-available/, which are
        # enabled or disabled at a global level, it is possible to
        # include a line for only one particular virtual host. For example the
        # following line enables the CGI configuration for this host only
```

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after it has been globally disabled with "a2disconf".

#Include conf-available/serve-cgi-bin.conf

</VirtualHost>

\$ sudo a2ensite yoursite.conf

\$ sudo service apache2 reload

Extra considerations that might help:

/etc/apache2/sites-available/000-default.conf: DocumentRoot /var/www/yourdirectory

/etc/apache2/sites-available/yoursite.conf: DocumentRoot /var/www/yourdirectory

/etc/apache2/sites-available/yoursite.conf: < Directory /var/www/yourdirectory>

/etc/apache2/sites-available/default-ssl.conf: DocumentRoot

/var/www/yourdirectory

/etc/apache2/sites-available/yoursite.conf: DocumentRoot /var/www/yourdirectory

/etc/apache2/sites-available/yoursite.conf: <Directory /var/www/yourdirectory/>

/etc/apparmor.d/abstractions/web-data: /var/www/yourdirectory/ r,

/etc/apparmor.d/abstractions/web-data: /var/www/yourdirectory/** r,

6. Next issue

Quick Guide To Add New Attributes, Categories And Products

The purpose of this guide is to ensure the functionality of the new functions that require specific properties and configuration. The order of these steps will save a lot of time if they are followed correctly.

Contents

- i. Adding / Updating Attributes
- ii. 'Group By' Special Settings
- iii. Special Settings for any other Attribute
- iv. Adding a new Category
- v. Adding new Products
- vi. FAQ's
- Browser: http://website_address/admin_user

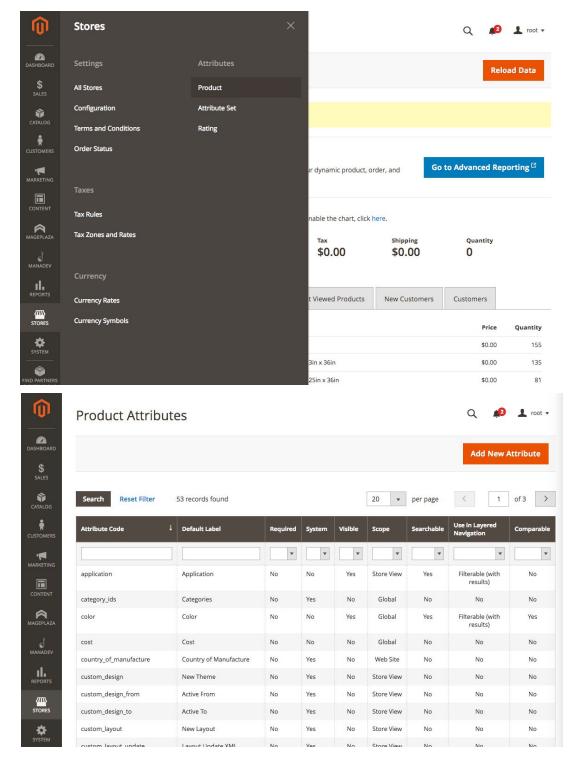


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1. Adding / Updating Attributes

Enter username & password

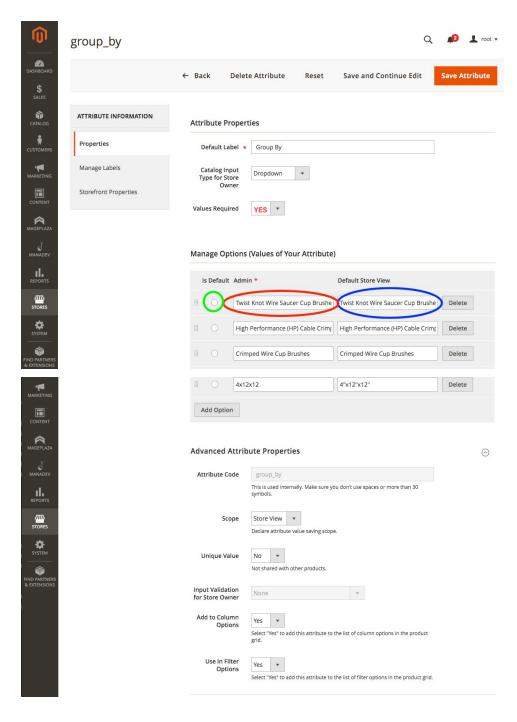
Stores > Attributes > Product > Add New Attribute or select attribute to edit



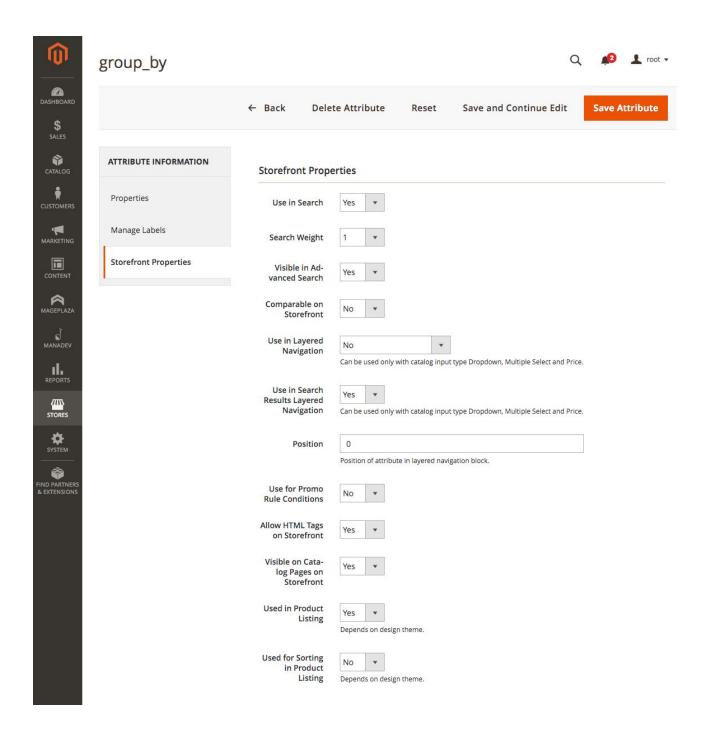
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2. 'Group By' Special Settings:

- Default Store View is how the client will see the Attribute Title (each word should be Title Case).
- Admin * is how the option will look when selecting that attribute in backend Always leave the option "Is Default" empty.

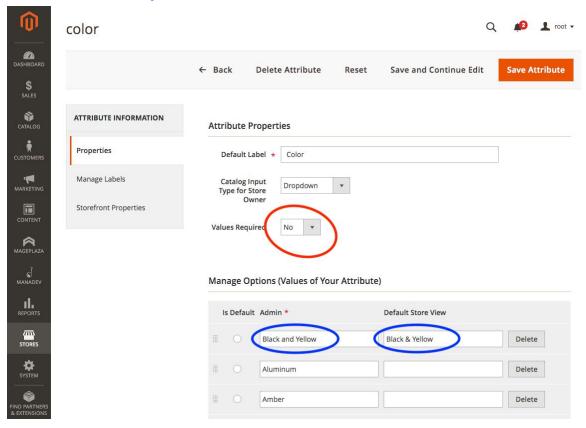


Go to **Manage Labels** and make sure that the first character of each word starts with a capital letter. Then go to **Storefront Properties** and select the following:

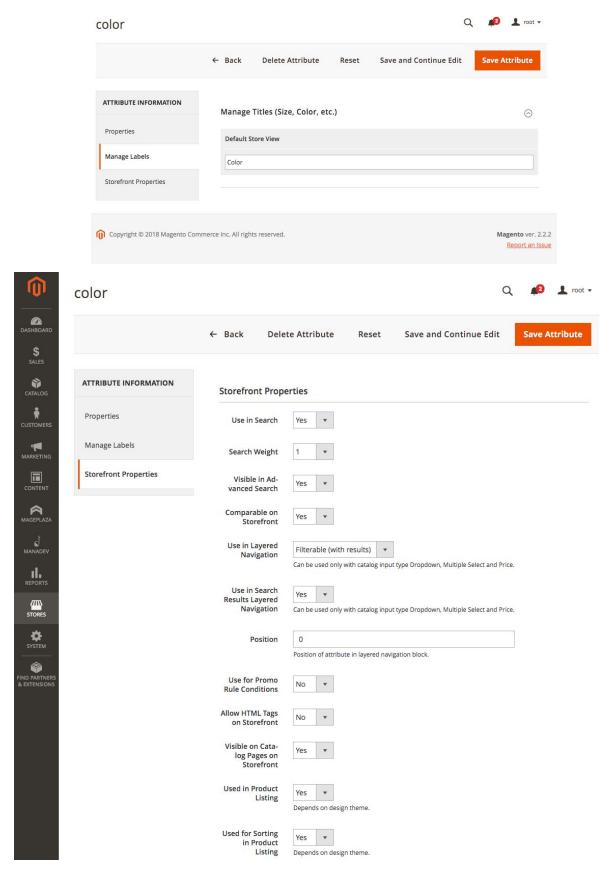


^{*}Make sure everything is according to these settings and click Save Attribute

3. Settings for any other attribute (color, size, etc.):



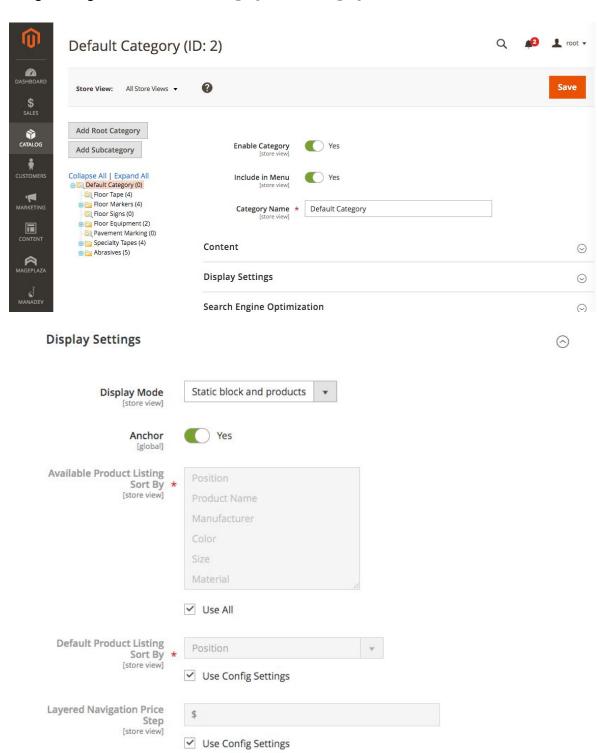
Advanced Attribute Properties 0 **Attribute Code** color This is used internally. Make sure you don't use spaces or more than 30 symbols. Scope Global Declare attribute value saving scope. Unique Value No Not shared with other products. Input Validation None for Store Owner Add to Column Yes Options Select "Yes" to add this attribute to the list of column options in the product grid. Use in Filter Yes Options Select "Yes" to add this attribute to the list of filter options in the product grid.



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4. Adding a new Category:

Catalog > Categories > Add Root Category or Subcategory



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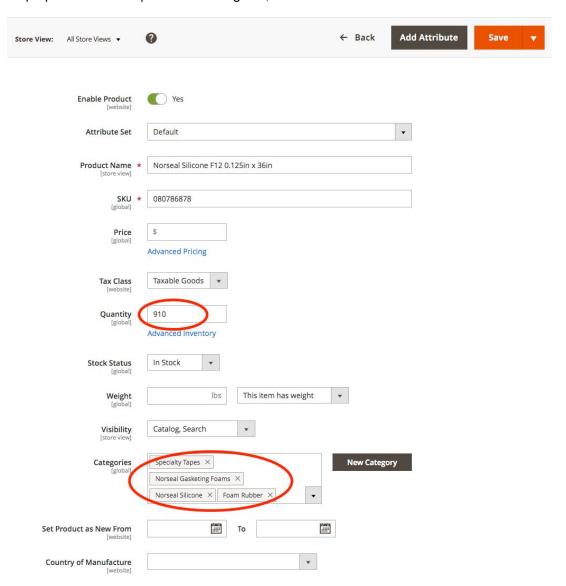
5. Adding new products:

Catalog > Products > Add Product or Select (one or more) to Delete or Update Attributes (Status must be always Enabled unless it is not In Stock)

The **Product Name** should include the **category**, **sku** and **attribute** (optional), <u>do not</u> include **Manufacturer** (this will be a new specified attribute, make sure the option for all manufacturers are added on <u>step 1</u>).

Always set Quantity to 1000 or more and select at least the immediate category.

**If some properties are not specified on this guide, leave them blank.



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(

Add Video

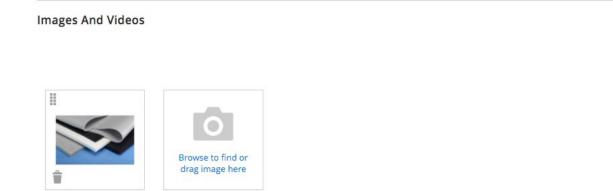
Including the **SKU** in the name for each product will set a non repeated **URL Key**, this is important to tell Magento that you are adding a different product.

Adding a **Description**.

• **Description** and **Short Description** for each product* are <u>not</u> necessary since there is not any product page for them to be placed. Skip this section when adding products and add a general **Description** in the <u>Category Description</u> that they belong, right below the category image.

Upload a product Image

- Each product should have its own image, even if they are all the same. This will help the filters to display the correct amount of images as the products are being filtered.
- There is no need to upload more than <u>one</u> image per product, all of them will be displayed, so let's keep it limited to one.
- The bigger the image, the better the resolution (700x560px is the recommended size).



Only select options for its own attributes, leave the rest **blank**. If the attribute is not there, click on **Add Attribute** and add it from your <u>Attributes list</u>.

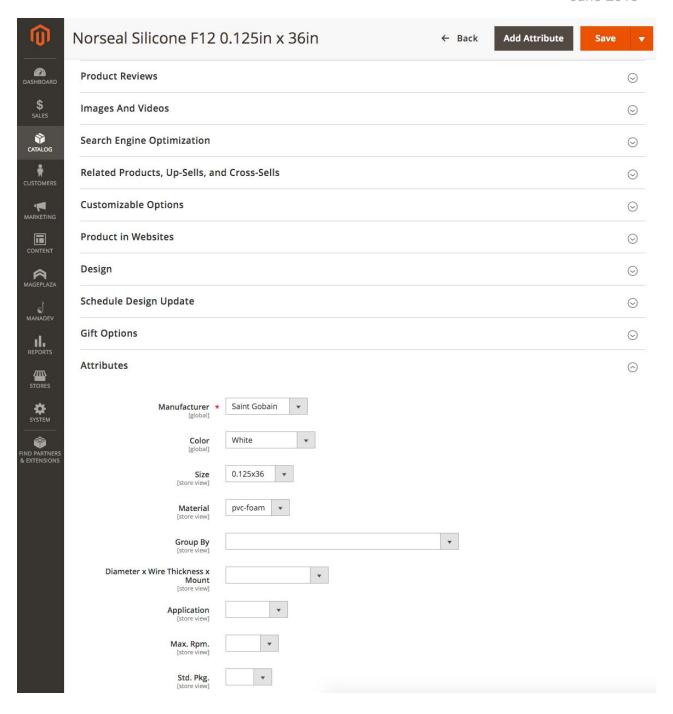
If the **Attribute** is there, but the option (value) you are looking for **is not**, go to <u>step 1</u>.

Proceed with the information filling.

700x560 px, 178 KB Base Small Swatch

Thumbnail

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Make sure everything is according to these settings and click **Save**.

If the **Category** for that **Product** is not yet created, click on **New Category** but don't forget to add its **Description** and **Image** (this is important for some programs to work).

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FAQ's

1. What happens if one product of the list does not have any value for certain attributes that the rest of the products have?

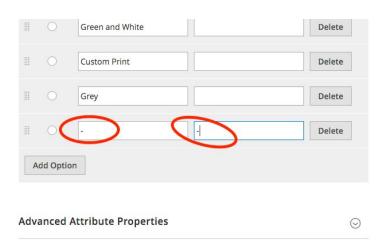
Go to Stores > Attributes > Product > Select that attribute

Then: Properties > Add option

And add a dash '-' so you can select it for that particular product and the table may keep its shape properly.

Don't forget to click Save Attribute.





2. What happens if I forget to select Required Attributes like "Group By"?

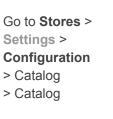
The tables won't be shaped properly because it will take the first option as selected, and it may not be accurate for that specific product, so it is better to have all the options available at the '**Group By**' attribute, before adding products. In case you only need some categories to display the products by separate tables, just set the Required option for that attribute as '**No**' and use it only when necessary.

3. What happens if I don't add an image for a product because all the products in the list have the same image?

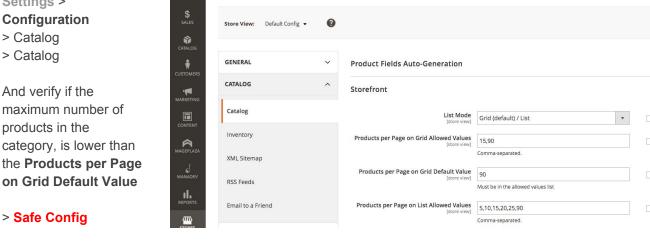
The fotorama (lightslider) will display all the images that it finds no matter what, however when the filters are applied and the list is reduced to products that don't have any images, the slider will disappear and the summary at the checkout won't show any image for that selected product. Please, upload the **same image** for each product.

4. What happens if only **some** of the products are displaying at the category page?

Configuration



And verify if the maximum number of products in the category, is lower than the Products per Page



> Safe Config

5. When having troubles with the server, how can I get a full history of terminal commands for debugging?

```
$ HISTTIMEFORMAT="%d/%m/%y %T "
$ history
```

6. next