

Design Integration Guideline

MAGENTO TRAINING PROGRAM

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§1. Standard development workflow

[Open the doc](#)

§2. Prepare working environment

Prepare working environment

■ Disable cache control

- Go to Admin->System->Cache Management ,
- check all the boxes then select "Refresh" from the dropdown box, save setting.
- And then "Disable" and save setting.

Prepare working environment

- **Enable template path hints** (for debugging purpose)

- Go to Admin -> System -> Configuration -> Developer -> Debug,
- then select the store from the top-left scope dropdown box.
- Apply Template Path Hints to "Yes".

Ex:

```
frontend\default\default\template\checkout\cart\sidebar.phtml
```

means you find layout in ***checkout.xml***, set the place of ***cart_sidebar*** block in it reference name and edit in ***checkout/cart/sidebar.phtml*** (as set in template)

Prepare working environment

- **Enable Translate Inline** (for debugging purpose)
 - Go to Admin->System->Configuration->Developer -> Translate Inline,
 - Apply "Yes" to Enabled for Frontend.

Ex:

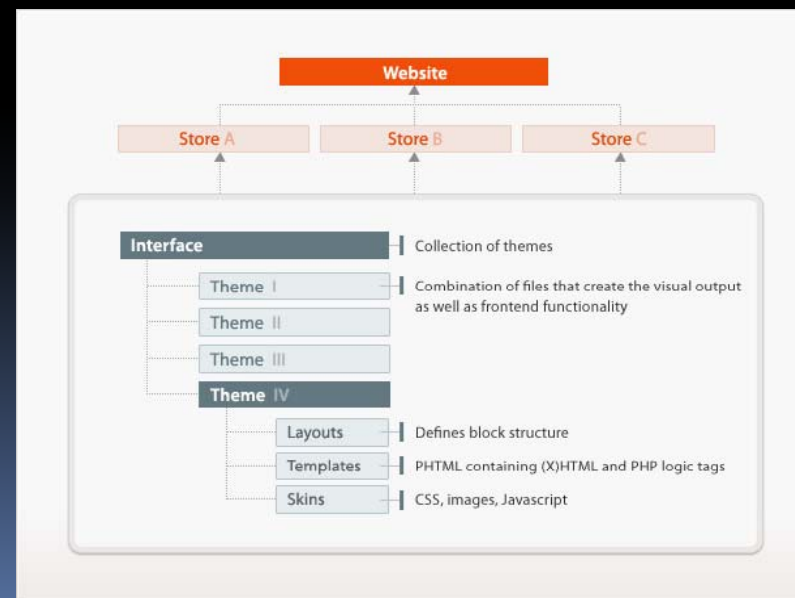
Scope: Mage_CatalogRule

means you can find the translation text reside in the file
Mage_CatalogRule.csv

Prepare working environment

■ Setup new theme and file structures

- Create a new folder under \app\design\frontend\default, let's say "bysoft", and copy and paste "layout" and "template" from default folder.
- Create a new folder under \skin\frontend\default, the same as "bysoft", and copy and paste "layout" and "template" from default folder.



Prepare working environment

- **Apply new theme to stores**
 - go to Admin->System->Configuration->Design,
 - then select the website from the top-left scope dropdown box,
 - Now select the Themes option and change Default to "bysoft"(uncheck Use website).

Prepare working environment

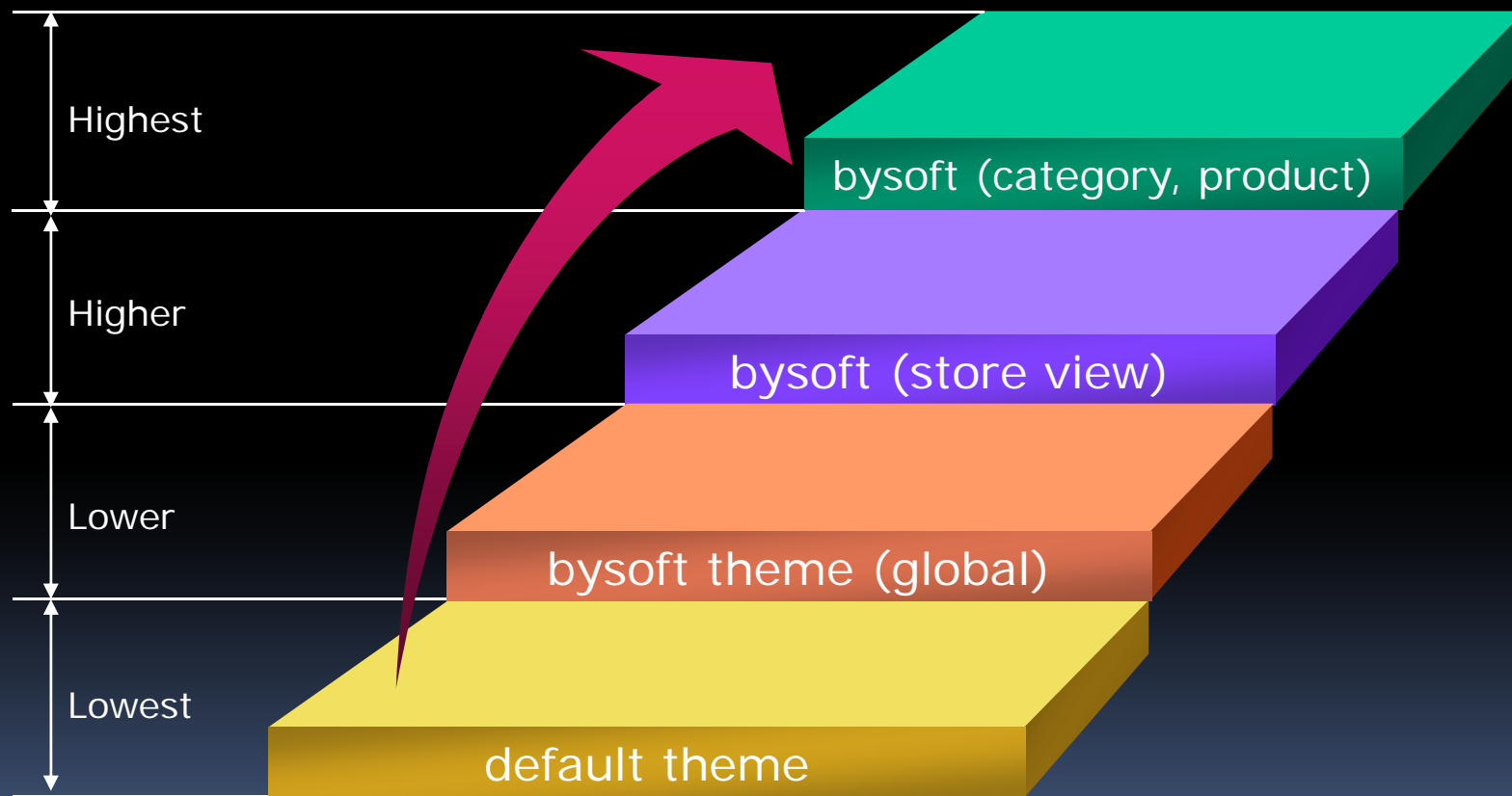
- **Setup theme enable period** (for special event)
 - go to Admin->System->Design, then
 - Add Design Change for every store view(languages),
 - Apply "Store", "Custom Design", "Date from" and "Date to" for new theme, christmas for instance.

§3. Layout comprehension

Theme comprehension

- A theme is any combination of layout, template, locale and/or skin file(s) that create the visual experience of your store. MAGENTO is built with the capacity to load multiple themes at once, therefore distinguishes themes into two large types:
 - Default (lowest hierarchy, can be set from the admin panel)
 - Non-default theme (Bysfot, New year, Xmas, Halloween, etc...)

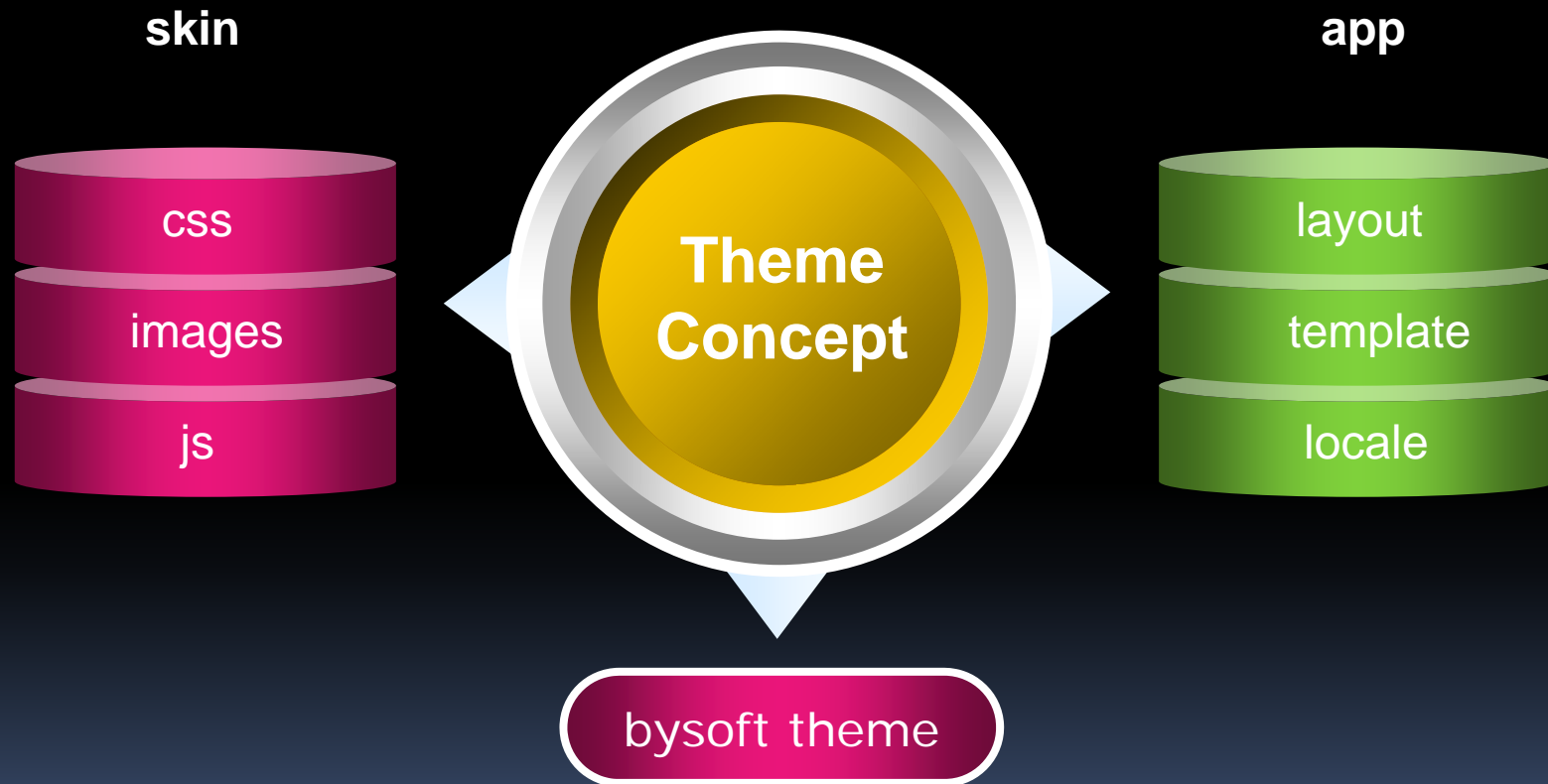
Layout override rules (priority)



Theme concept

- **Each theme includes :**
 - **Layouts** : XML files, define block structure(module layout) , in which you decide to put some box in some page as a module function.
 - **Templates** : phtml files, in which you do the coding with xhtml and PHP.
 - **Locale**: language translations in .csv file format.
 - **Skins** : css, images, javascript, where u do the beautifications.

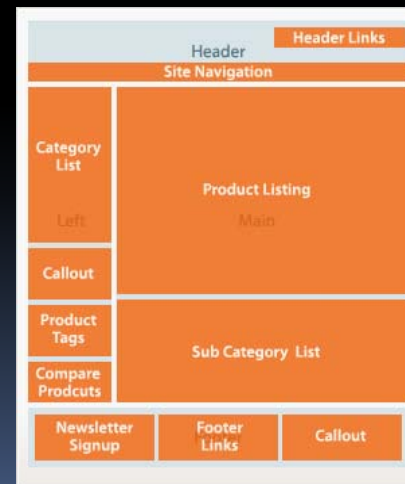
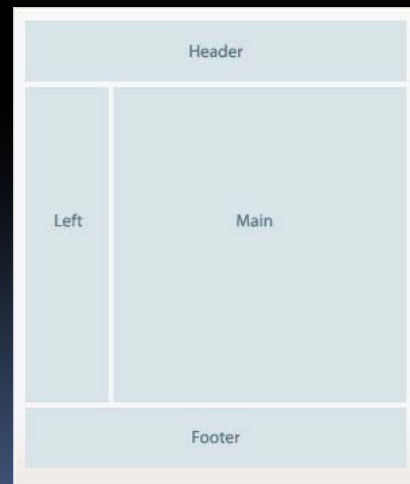
Theme and file structures



§4. Introduce Block

Introduce Block

- A Block is a box (or any other form) where your module is shown. There are two types:
 - **Structural block** : assign visual structure to a store page (header, left column, main column and footer...).
 - **Content block** : the actual content inside each structural block.



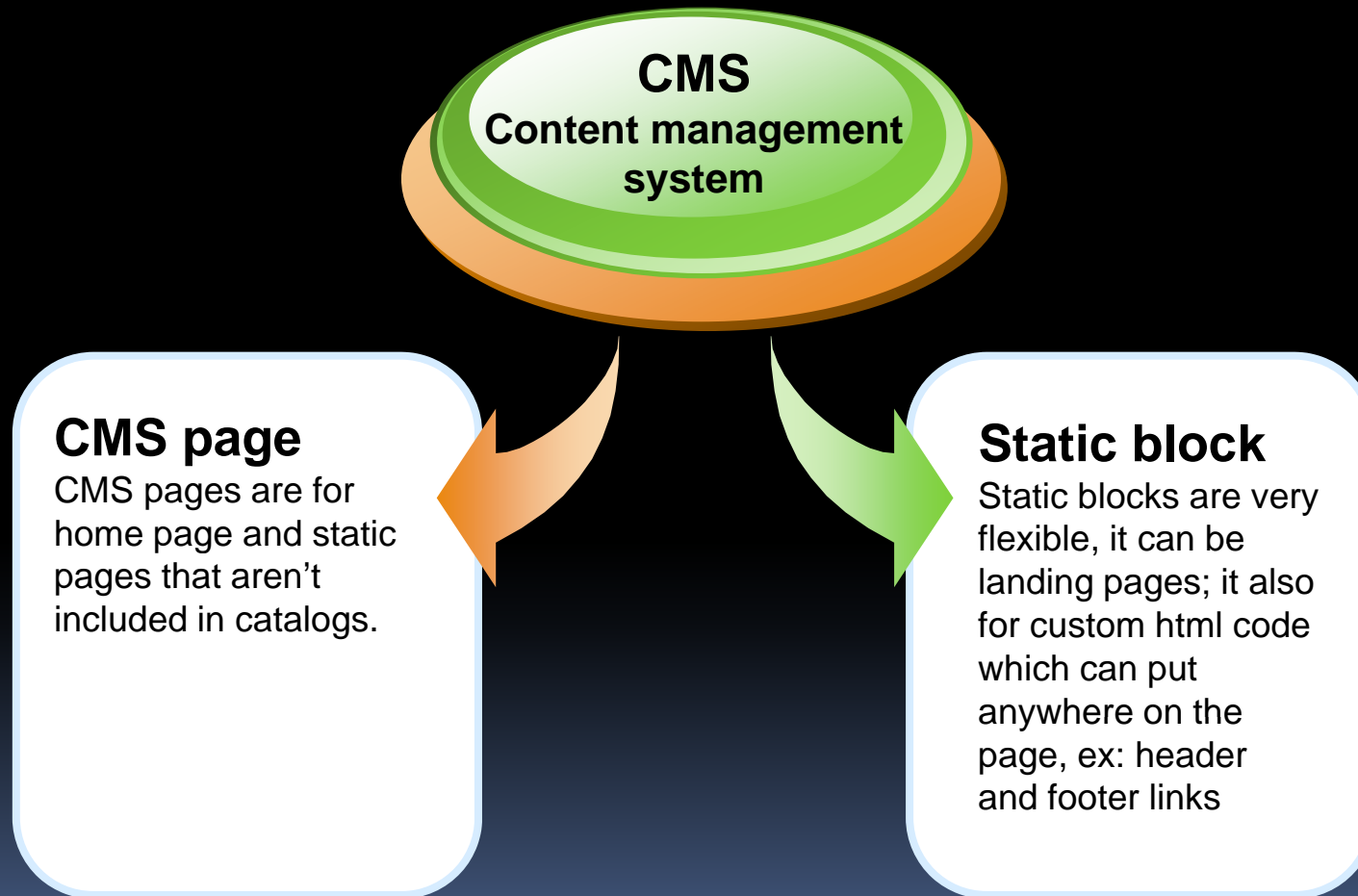
*Note: **Static block**: is used for cms pages.

Introduce Block

■ The <block> handle attributes

- **type** – the identifier of the module class that defines the functionality of the block. This attribute must not be modified.
- **name** – the name of the block by which other blocks can make reference to this block.
- **before (and) after** – ways to position a content block within a structural block.
- **template** – this attribute determines the template that will represent the functionality of the block in which this attribute is assigned.
- **action** – this is used to control store-front functionalities such as loading or unloading of a Javascript.
- **as** – this is the name by which a template calls the block in which this attribute is assigned. When you see the getChildHtml('block_name') PHP method called from a template, you can be sure it is referring to the block whose attribute 'as' is assigned the name 'block_name'.

CMS page V.S static block



Call CMS pages

- Call CMS pages from static block (footer, header links):

- Define block in cms.xml

```
<reference name="footer">
  <block type="cms/block" name="cms_footer_links"
  before="footer_links">
    <action
method="setBlockId"><block_id>footer_links</block_id></action>
  </block>
</reference>
```

- Call cms page link in static block (about us for example)
- Define block Identifier as "footer_links" and insert following code in content.

```
<a href="{{store url=""}} Page URL Identifier ">About Us</a>
```

Call static blocks

■ Call static blocks direct from .phtml

- Create a cms block in backoffice, and specify the block id, let's say "site_info".
- Define block in page.xml

```
<block type="cms/block" name="cms_site_info"
before="-" as="my_site_info">
    <action
method="setBlockId"><block_id>site_info</block
_id></action>
</block>
```
- Call block on whatever columns.phtml page

```
<?php echo $this->getChildHtml('my_site_info') ?>
```

Call Modules

- **Call modules in cms page (mostly on homepage):**

- Call popular tags module

```
{{block type="tag/popular" name="tags_popular"  
template="tag/popular_index.phtml" }}
```

- Call search module

```
{{block type="core/template" name="top.search"  
as="topSearch"  
template="catalogsearch/form.mini.phtml"}}
```

§5. Understand header and footer elements

Type of header elements

Header Elements & its layouts

Logo → back office

Search → catalogsearch.xml

Top links

My Account, Login , Logout → catalog.xml

My Wish List → wishlist.xml

My Cart, Checkout → checkout.xml

Switch Languages → page.xml

Welcome message → back office

Type of footer elements

Footer Elements & its layouts

Switch Stores → page.xml

About Us, Customer Service → cms.xml

Footer links

Sitemap → catalog.xml

Advance Search → catalogsearch.xml

Term Search → catalogsearch.xml

Contact Us → contacts.xml

copyright → back office

Thank You !

You can find this ppt and other resources at
Sarge:_MAGENTO