

## **GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008**

### **Instructions**

#### **INSTALL INSTRUCTIONS**

**STEP 1:** Download and extract each of the grid class modules:

- a) Catalog\incudes\classes\grid.php
- b) catalog\admin\Includes\classes\grid.php

**STEP 2 :** Make the changes to the appropriate files as indicated below (Appendix A)

- I. Catalog\product\_info.php
- II. Catalog\checkout\_process.php
- III. Catalog\shopping\_cart.php
- IV. Catalog\incudes\functions\general.php
- V. Catalog\incudes\application\_top.php
- VI. Catalog\incudes\classes\currancies.php
- VII. Catalog\incudes\classes\shopping\_cart.php
- VIII. Catalog\admin\categories.php
- IX. Catalog\admin\products\_attributes.php
- X. Catalog\admin\includes\application\_top.php
- XI. Catalog\admin\includes\functions\general.php

USAGE

STEP 3: USAGE

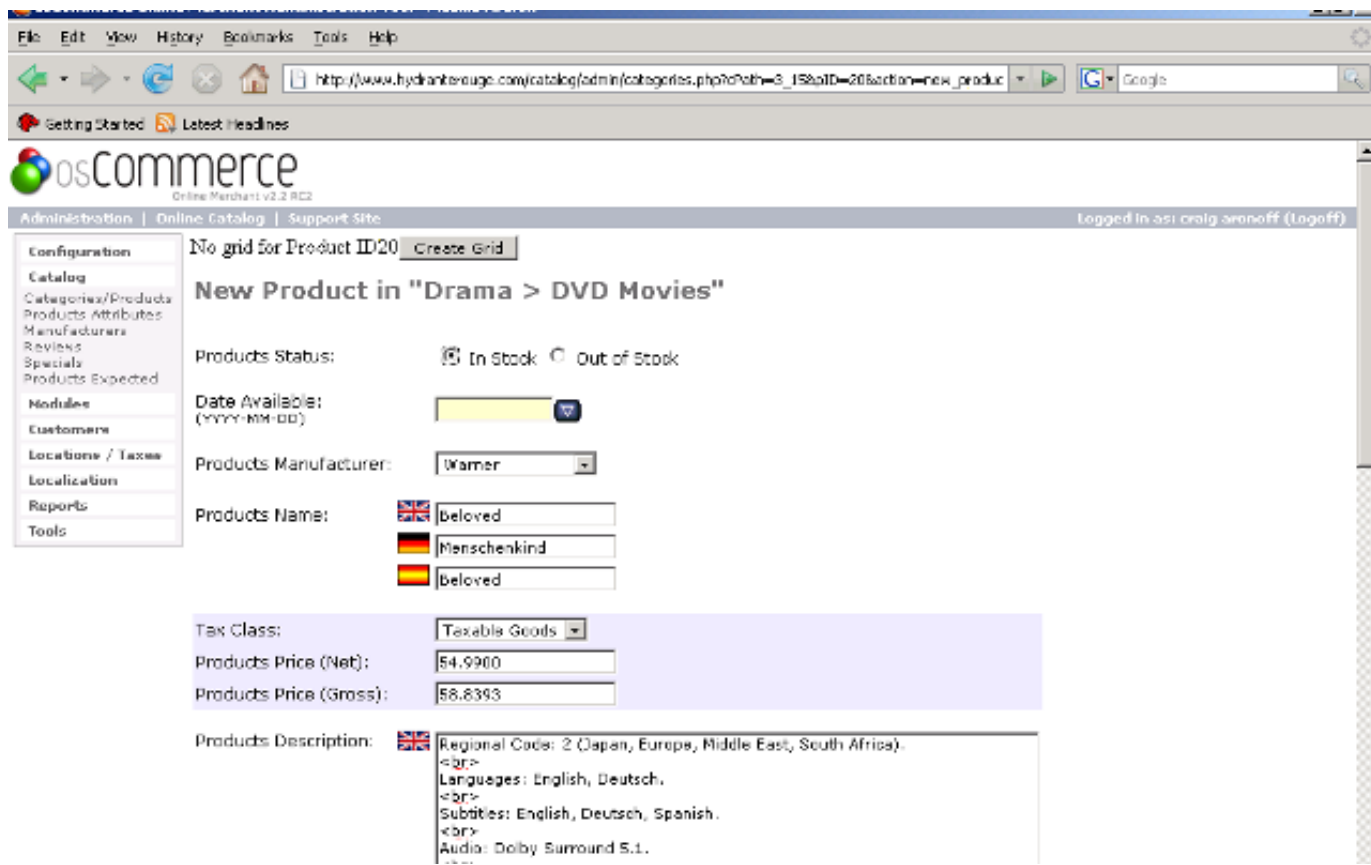
The first step is to define your grid. The grid is defined through the catalog->products screen in your administration panel.

On the screen where Product Status, Product description etc appears, is a new button 'Create grid'.

When you click this button, a new grid is created.

Below the screenshot shows we are on the product screen for the product :

Drama > DVD movie > 'Beloved'

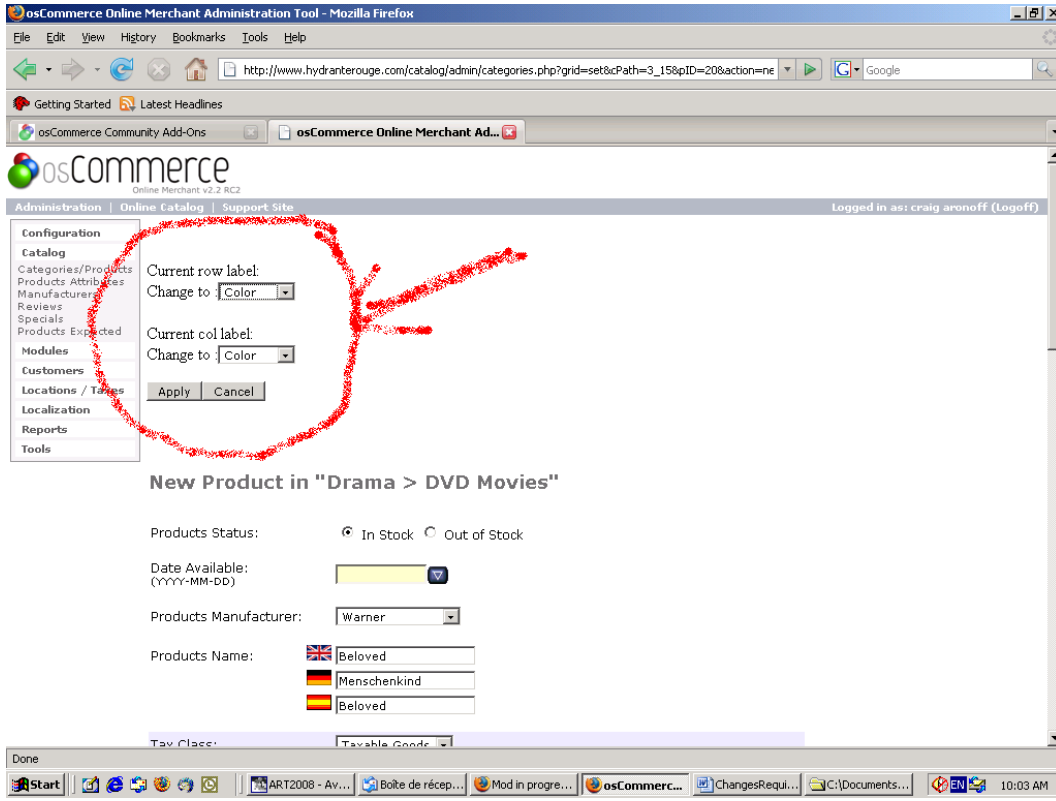


**USAGE**

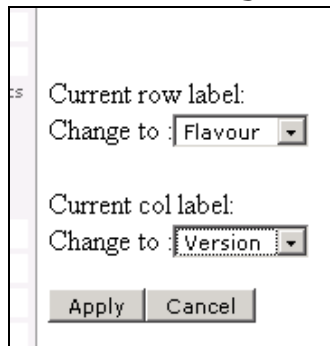
**We Click: 'Create Grid'**

Notice that two drop down menus appear when the screen reloads.

These drop down menus allow us to set the row and column headings to be used for the grid.



Current row label: Color. We change to 'Flavour'  
Current col label: Color. We change to 'Version'



**USAGE**

Click 'Apply' and the screen refreshes with:

The screenshot shows a configuration window titled 'Catalog'. On the left is a sidebar menu with categories like 'Categories/Products', 'Products Attributes', 'Manufacturers', 'Reviews', 'Specials', 'Products Expected', 'Modules', and 'Customers'. The main area contains two dropdown menus: 'Flavour' with 'Beef' selected and 'Version' with 'Box: Windows - English' selected. Below the dropdowns are four buttons: 'Apply', 'Cancel', 'Edit Row Column', and 'Delete Grid'.

As you can see, the Row heading has been fixed to be labelled 'Flavour' and column heading is 'Version.'

A new grid has been added and defined with these row and column headings.

We Decide we would like our first row to be of the Flavour 'Carrot' and Version to be 'Box: Windows- English' (obviously nonsensical)

This screenshot is similar to the previous one, but the 'Flavour' dropdown menu is open, showing a list of options: 'Beef', 'Carrot', 'Chicken', and 'Vegetable'. 'Carrot' is currently selected. The 'Version' dropdown remains set to 'Download: Windows - English'. The 'Apply' button is now highlighted.

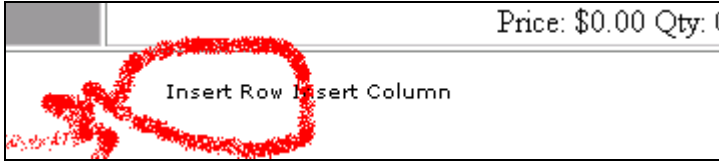
We Then click 'Apply' and voila, our first row is added. It has a single row and single column with a single cell intersection.

The screenshot shows the 'Configuration' window. The sidebar menu is on the left. The main area displays a grid with the following structure:

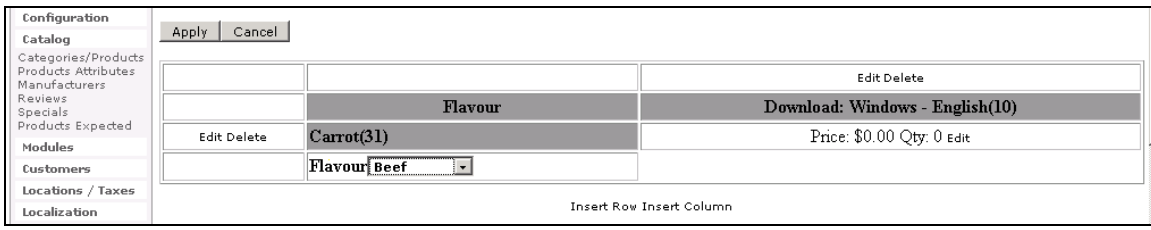
	Flavour	Download: Windows - English(10)
Edit Delete	Carrot(31)	Price: \$0.00 Qty: 0 Edit

Below the grid, there are buttons for 'Edit Grid', 'Edit Delete', and 'Price: \$0.00 Qty: 0 Edit'. At the bottom, it says 'Insert Row Insert Column'. Above the grid, it says 'NEW GRID ROW:31' and 'NEW GRID COL:10'.

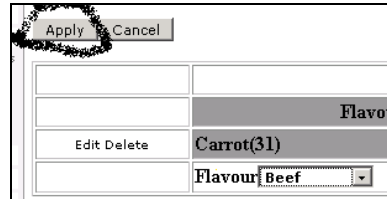
**USAGE**



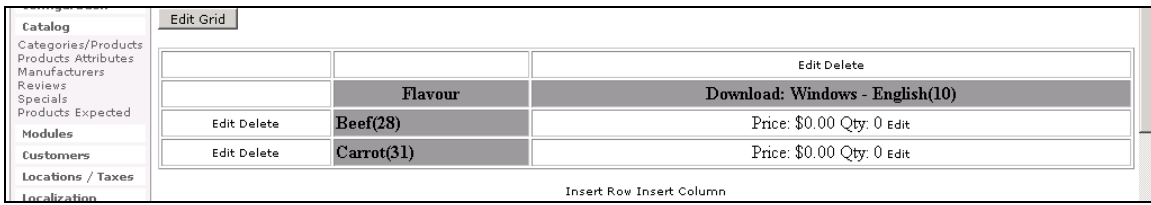
Click on the 'Insert Row' beneath the table.



Click 'Apply'



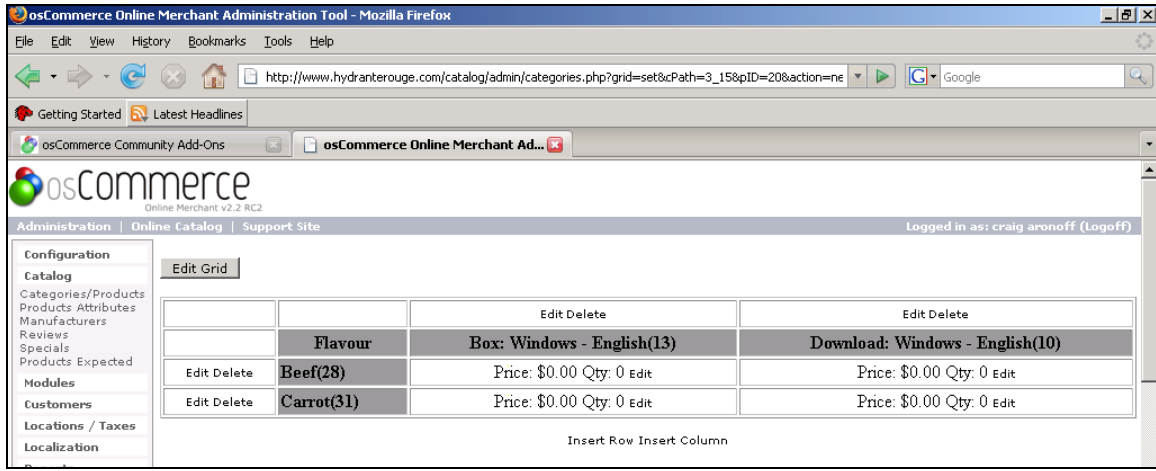
Once again the grid is refreshed and we see the new Flavour row Beef added. Notice the rows are in alphabetical sequence.



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### USAGE

Add another column by clicking 'Insert Column'. Alter the drop down box setting to your choice and we have a real grid emerging.



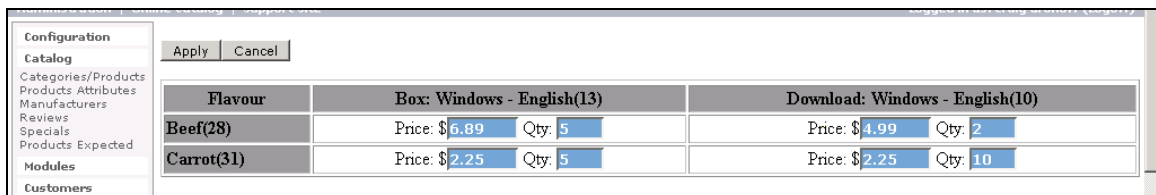
The screenshot shows the osCommerce Online Merchant Administration Tool interface. The browser window title is "osCommerce Online Merchant Administration Tool - Mozilla Firefox". The address bar shows the URL: "http://www.hydranterouge.com/catalog/admin/categories.php?grid=set&cPath=3\_15&pID=20&action=ne". The page header includes the osCommerce logo and "Online Merchant v2.2 RC2". The navigation menu includes "Administration", "Online Catalog", and "Support Site". The user is logged in as "craig aronoff (Logoff)".

The main content area displays a grid of product attributes. The grid has four columns: "Flavour", "Box: Windows - English(13)", and "Download: Windows - English(10)". The rows are for "Beef(28)" and "Carrot(31)". Each row has "Edit Delete" links. The grid is currently in a view where the cells are not in edit mode.

	Flavour	Box: Windows - English(13)	Download: Windows - English(10)
Edit Delete	Beef(28)	Price: \$0.00 Qty: 0 Edit	Price: \$0.00 Qty: 0 Edit
Edit Delete	Carrot(31)	Price: \$0.00 Qty: 0 Edit	Price: \$0.00 Qty: 0 Edit

Next, Click on the 'Edit Grid' Button in the upper left corner near the grid.

The cells are now in edit mode (blue background). Enter some prices and Click Apply.



The screenshot shows the osCommerce Online Merchant Administration Tool interface with the grid in edit mode. The "Apply" and "Cancel" buttons are visible above the grid. The grid cells for price and quantity are highlighted in blue, indicating they are in edit mode.

	Flavour	Box: Windows - English(13)	Download: Windows - English(10)
	Beef(28)	Price: \$5.89 Qty: 5	Price: \$4.99 Qty: 2
	Carrot(31)	Price: \$2.25 Qty: 5	Price: \$2.25 Qty: 10

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## USAGE

Visit the Product/Attributes screen. In the top left corner is a drop down selector which allows us to select from the grids we defined earlier in the product screen.

The usefulness of being able to edit the grids within the product attributes screen is apparent when you need to add new option values.

The screenshot shows the osCommerce Online Merchant Administration Tool interface. The browser title is "osCommerce Online Merchant Administration Tool - Mozilla Firefox". The address bar shows the URL: "http://www.hydranterouge.com/catalog/admin/products\_attributes.php?option\_page=1&value\_page=1&". The page header includes the osCommerce logo and navigation links: "Administration | Online Catalog | Support Site". The user is logged in as "craig aronoff".

The main content area displays a table of product attributes. The table has columns for "Flavour", "Box: Windows - English(13)", and "Download: Windows - English(10)". The rows show "Beef(28)" and "Carrot(31)".

	Flavour	Box: Windows - English(13)	Download: Windows - English(10)
Edit Delete	Beef(28)	Price: \$6.89 Qty: 5 Edit	Price: \$4.99 Qty: 2 Edit
Edit Delete	Carrot(31)	Price: \$2.25 Qty: 5 Edit	Price: \$2.25 Qty: 10 Edit

Below the table, there is a section for "Product Options" and "Option Values". The "Product Options" section shows a table with columns "ID", "Option Name", and "Action". The "Option Values" section shows a table with columns "ID", "Option Name", "Option Value", and "Action".

ID	Option Name	Action
1	Color	<input type="button" value="edit"/> <input type="button" value="delete"/>

ID	Option Name	Option Value	Action
14	Color	Red	<input type="button" value="edit"/> <input type="button" value="delete"/>

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### USAGE

When the online shopper clicks on the DVD 'Beloved'. A grid is presented.

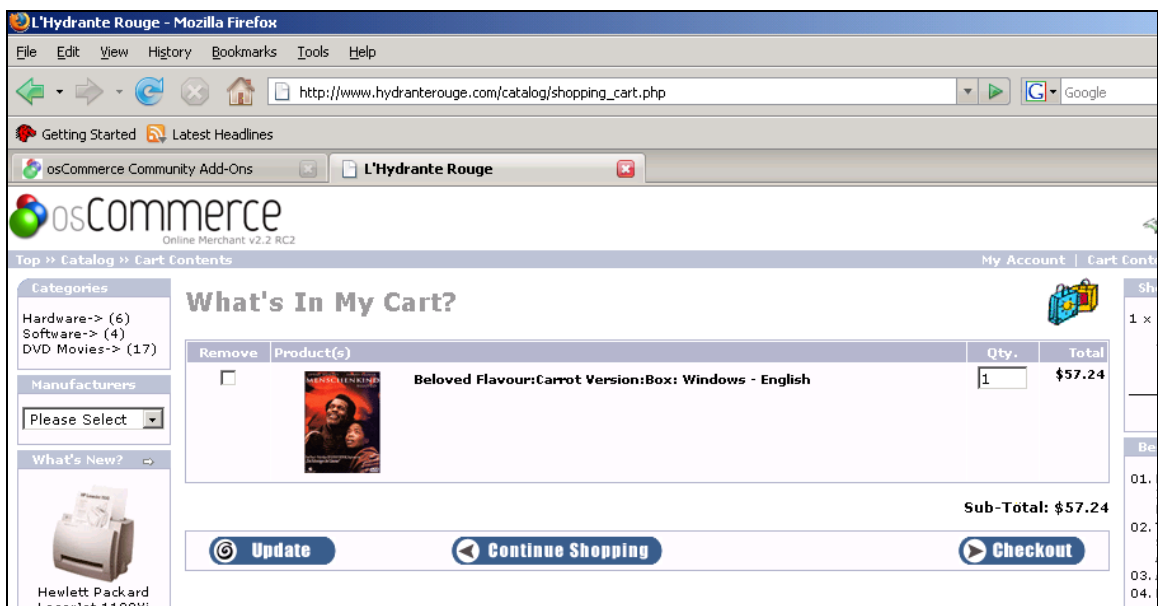
The shopper simply clicks the price cell for the product he wishes to add to his cart.

The screenshot shows a Mozilla Firefox browser window displaying the L'Hydrante Rouge website. The page is for the DVD 'Beloved'. The price is \$54.99. A table of product options is shown below the product details.

Flavour	Box: Windows - English	Download: Windows - English
Beef	\$6.89	\$4.99
Carrot	\$2.25	\$2.25

USAGE

I will Click on Flavour: Carrot, Version 'Box:..' (Value \$2.25). My cart is updated with the proper Flavour and version of the product at the total price (\$2.25 + 54.99 = \$57.24)



## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

#### I. Catalog\product\_info.php (insert shaded code)

```
<script language="javascript"><!--
function popupWindow(url) {

window.open(url, 'popupWindow', 'toolbar=no,location=no,directories=no,status=no,menubar=no
,scrollbars=no,resizable=yes,copyhistory=no,width=100,height=100,screenX=150,screenY=150,
top=150,left=150')
}
//--></script>
```

```
<SCRIPT language="JavaScript">
function submitform()
{
    document.cart_quantity.submit();
}
</SCRIPT>
<script language="JavaScript" type="text/javascript">
<!--
function getsupport ( selectedtype )
{
    document.cart_quantity.testlink.value = selectedtype ;
    document.cart_quantity.submit() ;
}
-->
</script>
```

```
</head>
```

```
.
.
.
```

#### Find:

```
<tr>
    <td align="center" class="smallText"><?php echo sprintf(TEXT_DATE_ADDED,
tep_date_long($product_info['products_date_added'])); ?></td>
</tr>
```

#### Replace:

```
<tr>
    <td align="center" class="smallText"><?php echo $grid-
>printgrid($product_info['products_id'],(int)$languages_id); ?></td>
</tr>
```

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### Appendix A- Changes to files

Further down: (remove then insert shaded code)

```
<td class="main"><?php echo '<a href="' . tep_href_link(FILENAME_PRODUCT_REVIEWS,
tep_get_all_get_params()) . '>' . tep_image_button('button_reviews.gif',
IMAGE_BUTTON_REVIEWS) . '</a>'; ?></td>
    <td class="main" align="right"><?php echo
tep_draw_hidden_field('products_id', $product_info['products_id']) .
tep_image_submit('button_in_cart.gif', IMAGE_BUTTON_IN_CART); ?></td>
```

```
<!-- BEGIN EASY CALL FOR PRICE v1.0<td class="main" align="right"><?php echo
tep_draw_hidden_field('products_id', $product_info['products_id']) .
tep_image_submit('button_in_cart.gif', IMAGE_BUTTON_IN_CART); ?></td> -->

<?php
    if ($product_info['products_price'] == CALL_FOR_PRICE_VALUE){
?>
        <td class="main" align="right"><a href="javascript:history.go(-1)"><?php
echo tep_image_button('button_continue_shopping.gif', IMAGE_BUTTON_CONTINUE); ?></a></td>
<?php echo tep_draw_hidden_field('products_id', $product_info['products_id']);
        } else {
?>
<td class="main" align="right"><?php echo tep_draw_hidden_field('products_id',
$product_info['products_id']) . tep_image_submit('button_in_cart.gif',
IMAGE_BUTTON_IN_CART); ?></td>
<?php
    }
?>
<!-- END EASY CALL FOR PRICE v1.0 -->

<input type="hidden" name="testlink" >
```

**Appendix A- Changes to files**

**II. Catalog\checkout\_process.php (insert shaded code)**

```
// do not decrement quantities if products_attributes_filename exists
    if ((DOWNLOAD_ENABLED != 'true') ||
(!$stock_values['products_attributes_filename'])) {
        $stock_left = $stock_values['products_quantity'] - $order->products[$i]['qty'];
    } else {
        $stock_left = $stock_values['products_quantity'];
    }
    tep_db_query("update " . TABLE_PRODUCTS . " set products_quantity = '" .
$stock_left . "' where products_id = '" . tep_get_prid($order->products[$i]['id']) .
"");
        if ((int)tep_get_grid($order->products[$i]['id'])>0){$grid-
>deductgridqty(tep_get_grid($order->products[$i]['id']),$order->products[$i]['qty'],
STOCK_ALLOW_CHECKOUT);}

    if ( ($stock_left < 1) && (STOCK_ALLOW_CHECKOUT == 'false') ) {
        tep_db_query("update " . TABLE_PRODUCTS . " set products_status = '0' where
products_id = '" . tep_get_prid($order->products[$i]['id']) . "");
    }
}
}
```

---

**III. Catalog/shopping\_cart.php (replace with shaded code)**

```
$info_box_contents[$cur_row][] = array('align' => 'center',
'params' => 'class="productListing data" valign="top",
'text' => tep_draw_input_field('cart_quantity[]', $products[$i]['quantity'],
'size="4"') . tep_draw_hidden_field('products_id[]', $products[$i]['id']));

$info_box_contents[$cur_row][] = array('align' => 'center',
'params' => 'class="productListing-data" valign="top",
'text' => tep_draw_input_field('cart_quantity[]', $products[$i]['quantity'],
'size="4"') . tep_draw_hidden_field('products_id[]', $products[$i]['id'])
. tep_draw_hidden_field( 'grid_id[]', $products[$i]['grid'] ) );
```

---

**Appendix A- Changes to files**

**IV. Catalog\incudes\functions\general.php**

**Replace function:**

```
function tep_get_uprid($prid, $params) { ...  
..  
}
```

**With:**

```
function tep_get_uprid($prid, $params , $gid=0) {  
    if (is_numeric($prid)) {  
        $uprid = $prid;  
        if ($gid>0) {$uprid .= '{' . $gid . '}'0' ;}  
  
        if (is_array($params) && (sizeof($params) > 0)) {  
            $attributes_check = true;  
            $attributes_ids = '';  
  
            reset($params);  
            while (list($option, $value) = each($params)) {  
                if (is_numeric($option) && is_numeric($value)) {  
                    $attributes_ids .= '{' . (int)$option . '}' . (int)$value;  
                } else {  
                    $attributes_check = false;  
                    break;  
                }  
            }  
  
            if ($attributes_check == true) {  
                $uprid .= $attributes_ids;  
            }  
        } else {  
            $uprid = tep_get_prid($prid);  
  
            if (is_numeric($uprid)) {  
                if (strpos($prid, '{') !== false) {  
                    $attributes_check = true;  
                    $attributes_ids = '';  
  
                    // strpos()+1 to remove up to and including the first { which would create an empty array  
                    // element in explode()  
                    $attributes = explode('{', substr($prid, strpos($prid, '{')+1));  
  
                    for ($i=0, $n=sizeof($attributes); $i<$n; $i++) {  
                        $pair = explode('}', $attributes[$i]);  
  
                        if (is_numeric($pair[0]) && is_numeric($pair[1])) {  
                            $attributes_ids .= '{' . (int)$pair[0] . '}' . (int)$pair[1];  
                        } else {  
                            $attributes_check = false;  
                            break;  
                        }  
                    }  
  
                    if ($attributes_check == true) {  
                        $uprid .= $attributes_ids;  
                    }  
                } else {  
                    return false;  
                }  
            }  
        }  
    }  
}
```

**Appendix A- Changes to files**

```
}  
return $suprid;
```

**Replace function:**

```
function tep_check_stock($products_id, $products_quantity){  
-  
-  
}
```

**With function:**

```
function tep_check_stock($products_id, $products_quantity) {  
    $stock_left = tep_get_products_stock($products_id) - $products_quantity;  
    $grid_left=tep_get_grid_stock($products_id) - $products_quantity;  
    $out_of_stock = '';  
  
    if ($stock_left < 0 || $grid_left< 0 ) {  
        $out_of_stock = '<span class="markProductOutOfStock">' .  
        STOCK_MARK_PRODUCT_OUT_OF_STOCK . '</span>';  
    }  
  
    return $out_of_stock;  
}
```

**Replace function:**

```
function tep_has_product_attributes($products_id) {  
.  
}
```

**With function:**

```
// Check if product has attributes  
function tep_has_product_attributes($products_id) {  
    $attributes_query = tep_db_query("select count(*) as count from " .  
    TABLE_PRODUCTS_ATTRIBUTES . " where products_id = '" . (int)$products_id . "'");  
    $attributes = tep_db_fetch_array($attributes_query);  
  
    $grid_query=tep_db_query("select count(*) as count from products_grid where  
products_id = '" . (int)$products_id . "'");  
    $grid= tep_db_fetch_array($grid_query);  
    if ($attributes['count'] > 0 || $grid['count']>0) {  
        return true;  
    } else {  
        return false;  
    }  
}
```

**Appendix A- Changes to files**

---

**Insert New functions**

```
function tep_get_grid($suprid)
{
    if (strpos($suprid, '}') !== false)
    { $pieces = explode( '}', $suprid);
      if ((strpos($pieces[1], '0'))===0)
      { $pieces2= explode('{', $suprid);
        $pieces3 = explode('}', $pieces2[1]) ;
        if (is_numeric($pieces3[0])) { return $pieces3[0];
      }
    }
}

return 0;
}
```

```
function tep_has_grid($products_id){
$grid_query=tep_db_query("select count(*) as count from products_grid_row_col where
products_id = '" . (int)$products_id . "'");
$grid= tep_db_fetch_array($grid_query);
if ($grid['count']>0) {
    return true;
} else {
    return false;
}
}
```

```
function tep_get_grid_stock($products_id) {
    $grid_id=tep_get_grid($products_id);
    if ($grid_id>0){
        $stock_query = tep_db_query("select grid_quantity from products_grid where
products_grid_id = '" . (int)$grid_id . "'");
        $stock_values = tep_db_fetch_array($stock_query);

        return $stock_values['grid_quantity'];} else
    {return '1000';}
}
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

#### V. Catalog\incudes\application\_top.php

##### **Insert:**

```
// include shopping cart class and grid class
require(DIR_WS_CLASSES . 'shopping_cart.php');
require(DIR_WS_CLASSES . 'grid.php');
```

.  
.  
.

```
// include the mail classes
require(DIR_WS_CLASSES . 'mime.php');
require(DIR_WS_CLASSES . 'email.php');
```

```
if (tep_session_is_registered('grid') && is_object($grid)) {
    if (PHP_VERSION < 4) {
        $broken_grid = $grid;
        $grid = new Grid;
        $grid->unserialize($broken_grid);
    }
    } else {
    tep_session_register('grid');
    $grid = new Grid;
}
}
```

.  
.  
.

```
_____ $cart->add_cart($HTTP_POST_VARS['products_id'][$i],
$HTTP_POST_VARS['cart_quantity'][$i], $attributes, false)+
```

```
$cart->add_cart($HTTP_POST_VARS['products_id'][$i], $HTTP_POST_VARS['cart_quantity'][$i],
$attributes, false,$HTTP_POST_VARS['grid_id'][$i]);
}
}
```

```
tep_redirect(tep_href_link($goto, tep_get_all_get_params($parameters)));
break;
// customer adds a product from the products page
```

```
case 'add_product' : if (isset($HTTP_POST_VARS['products_id']) &&
is_numeric($HTTP_POST_VARS['products_id'])) {
    $cart->add_cart($HTTP_POST_VARS['products_id'], $cart-
>get_quantity(tep_get_uprid($HTTP_POST_VARS['products_id'], $HTTP_POST_VARS['id']))+1,
$HTTP_POST_VARS['id'])+
}
```

```
case 'add_product' : if (isset($HTTP_POST_VARS['products_id']) &&
is_numeric($HTTP_POST_VARS['products_id'])) {
    $cart->add_cart($HTTP_POST_VARS['products_id'],
    $cart->get_quantity( tep_get_uprid($HTTP_POST_VARS['products_id'],
$HTTP_POST_VARS['id'],(int)$HTTP_POST_VARS['testlink'] ) )+1,
    $HTTP_POST_VARS['id'],true,$HTTP_POST_VARS['testlink']);
}
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

#### VI. Catalog\includes\classes\currencies.php

##### Credit :

```
#####  
##### In catalog/includes/classes/currencies.php  
Easy Call for Price v1.0 by Tim Elam (aka Bigredman74) #####  
#####
```

FIND:

```
function display_price($products_price, $products_tax, $quantity = 1) {  
return $this->format(tep_add_tax($products_price, $products_tax) * $quantity);  
}
```

```
// BEGIN EASY CALL FOR PRICE v1.0  
function display_price($products_price, $products_tax, $quantity = 1) {  
define ('CALL_FOR_PRICE_VALUE', 0);  
// If you sell products for $0.00 and want to display "Call for Price!" for other  
products, set their price and the CALL_FOR_PRICE_VALUE to -1.  
if ($products_price > CALL_FOR_PRICE_VALUE){  
return $this->format(tep_add_tax($products_price, $products_tax) *  
$quantity);  
}else{  
define ('TEXT_CALL_FOR_PRICE', 'See table');  
// You can set CALL_FOR_PRICE_TEXT to anything you want. Its style is  
determined by the page it is displayed on. Changes made here will be visible throughout  
your site.  
return TEXT_CALL_FOR_PRICE;  
}  
}  
// END EASY CALL FOR PRICE v1.0
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

#### VII. Catalog\incudes\classes\shopping\_cart.php

Find:

```
function add_cart($products_id, $qty = '1', $attributes = '', $notify = true) {  
    global $new_products_id_in_cart, $customer_id;  
  
    $products_id_string = tep_get_uprid($products_id, $attributes);  
    $products_id = tep_get_prid($products_id_string);
```

Replace:

```
function add_cart($products_id, $qty = '1', $attributes = '', $notify = true, $gid= 0) {  
    global $new_products_id_in_cart, $customer_id;  
  
    $products_id_string = tep_get_uprid($products_id, $attributes, (int)$gid);  
  
    $products_id = tep_get_prid($products_id_string);  
    $grid_id=tep_get_grid($products_id_string);
```

..

Find (within function add\_cart)

```
    if (is_numeric($products_id) && is_numeric($qty) && ($attributes_pass_check == true)) {  
        $check_product_query = tep_db_query("select products_status from " .  
TABLE_PRODUCTS . " where products_id = '" . (int)$products_id . "'");  
        $check_product = tep_db_fetch_array($check_product_query);
```

```
$check_grid_query=tep_db_query("select grid_status from products_grid where  
products_grid_id = '" . (int)$grid_id . "'");  
$check_grid=tep_db_fetch_array($check_grid_query);
```

```
        if (($check_product != false) && ($check_product['products_status'] == '1')) {  
            if ($notify == true) {
```

```
        if (($check_product != false) && ($check_product['products_status'] == '1')&&  
(int)$grid_id=='0' || $check_grid['grid_status']=='1') {
```

```
            $new_products_id_in_cart = $products_id;  
            tep_session_register('new_products_id_in_cart');  
        }
```

```
        if ($this->in_cart($products_id_string)) {  
            $this->update_quantity($products_id_string, $qty, $attributes);  
        } else {  
            $this->contents[$products_id_string] = array('qty' => (int)$qty);
```

```
// insert into database
```

Find (in function update quantity)

```
    if (is_numeric($products_id) && isset($this->contents[$products_id_string]) &&  
is_numeric($quantity) && ($attributes_pass_check == true)) {  
        $this->contents[$products_id_string] = array('qty' => (int)$quantity);
```

```
if (is_numeric($products_id) && isset($this->contents[$products_id_string]) &&  
is_numeric($quantity) && ($attributes_pass_check == true)) {  
    $this->contents[$products_id_string] =
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### **Appendix A- Changes to files**

```
array_merge($this->contents[$products_id_string], array('qty' =>
(int)$quantity));
// update database
```

```
function calculate() {
global $currencies;
$grid=0;
$this->total = 0;
$this->weight = 0;
if (!is_array($this->contents)) return 0;

reset($this->contents);
while (list($products_id, ) = each($this->contents)) {
$qty = $this->contents[$products_id]['qty'];
if($this->contents[$products_id]['grid']>0 ) {$grid = $this-
>contents[$products_id]['grid'];}
else {$grid=tep_get_grid($products_id);
$this->contents[$products_id]['grid']=$grid;}
// products price
$product_query = tep_db_query("select products_id, products_price,
products_tax_class_id, products_weight from " . TABLE_PRODUCTS . " where products_id = '"
. (int)$products_id . "'");
if ($product = tep_db_fetch_array($product_query)) {
$prid = $product['products_id'];
$products_tax = tep_get_tax_rate($product['products_tax_class_id']);
$products_price = $product['products_price'];
$products_weight = $product['products_weight'];

$specials_query = tep_db_query("select specials_new_products_price from " .
TABLE_SPECIALS . " where products_id = '" . (int)$prid . "' and status = '1'");
if (tep_db_num_rows ($specials_query)) {
$specials = tep_db_fetch_array($specials_query);
$products_price = $specials['specials_new_products_price'];
}
}
```

```
$products_price += $this->grid_price($products_id);
```

```
function get_products() {
global $languages_id;
global $grid;
if (!is_array($this->contents)) return false;

$products_array = array();
reset($this->contents);
.
.
$specials_query = tep_db_query("select specials_new_products_price from " .
TABLE_SPECIALS . " where products_id = '" . (int)$prid . "' and status = '1'");
if (tep_db_num_rows($specials_query)) {
$specials = tep_db_fetch_array($specials_query);
$products_price = $specials['specials_new_products_price'];
}
}
```

```
$products_price += $this->grid_price($products_id);
```

```
$products_array[] = array('id' => $products_id,
'grid' => $this->contents[$products_id]['grid'],
```

```
'name' => $products['products_name'],
```

```
'name' => $products['products_name']
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

```
.' ' . $grid->rowcoltext((int)$products_id,(int)$languages_id, $this->contents[$products_id]['grid']),  
'model' => $products['products_model'],
```

### Add new Method:

```
function grid_price($products_id) {  
    $grid_pr = 0 ;  
  
    if ( $this->contents[$products_id]['grid']>0 ) {$grid=$this->contents[$products_id]['grid'];}  
  
    else{$grid = tep_get_grid($products_id);}  
        if ($grid>0)  
        {  
            $grid_price_query = tep_db_query("select grid_values_price from  
products_grid where products_grid_id = " . (int)$grid);  
            $grid_sel = tep_db_fetch_array($grid_price_query);  
            $grid_pr = $grid_sel['grid_values_price'] ;  
        }  
  
    return $grid_pr;  
}
```

---

**Appendix A- Changes to files**

**VIII. Catalog\admin\categories.php**

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=<?php echo CHARSET; ?>">
<title><?php echo TITLE; ?></title>
<link rel="stylesheet" type="text/css" href="includes/stylesheet.css">
<script language="javascript" src="includes/general.js"></script>
<script language="JavaScript" type="text/javascript">
```

```
<!--
function getsupport ( selectedtype )
{
    document.supportform.testlink.value = selectedtype ;
    document.supportform.submit() ;
}
function insertrowcol ( clickrowcolinsert )
{
    document.supportform.newrowcol.value = clickrowcolinsert ;
    document.supportform.submit() ;
}
function editrowcol ( clickrowcoledit )
{
    document.supportform.editrowcol.value = clickrowcoledit ;
    document.supportform.submit() ;
}
-->
```

```
</script>
```

```
</head>
```

```
.
.
.
.
```

```
<!-- body_text //-->
```

```
<td width="100%" valign="top">
```

```
<?php
```

```
if ($action == 'new_product' ) {
    $parameters = array('products_name' => '',
                        'products_description' => '',
                        'products_url' => '',
                        'products_id' => '',
                        'products_quantity' => '',
                        'products_model' => '',
                        'products_image' => '',
                        'products_price' => '',
                        'products_weight' => '',
                        'products_date_added' => '',
                        'products_last_modified' => '',
                        'products_date_available' => '',
                        'products_status' => '',
                        'products_tax_class_id' => '',
                        'manufacturers_id' => '');
```

```
    $pInfo = new objectInfo($parameters);
```

```
if (isset($_HTTP_GET_VARS['pID']) && empty($_HTTP_POST_VARS)) {
```

```
    if ((isset($_HTTP_GET_VARS['pID']) && empty($_HTTP_POST_VARS)) ||
        (isset($_HTTP_GET_VARS['pID']) && isset($_HTTP_GET_VARS['grid'] )))
```

```
{
    $product_query = tep_db_query("select pd.products_name, pd.products_description,
pd.products_url, p.products_id, p.products_quantity, p.products_model, p.products_image,
p.products_price, p.products_weight, p.products_date_added, p.products_last_modified,

date_format(p.products_date_available, '%Y-%m-%d') as products_date_available,
p.products_status, p.products_tax_class_id, p.manufacturers_id from " . TABLE_PRODUCTS .
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

```
" p, " . TABLE_PRODUCTS_DESCRIPTION . " pd where p.products_id = '" .  
(int)$HTTP_GET_VARS['pID'] . "' and p.products_id = pd.products_id and pd.language_id =  
'" . (int)$languages_id . "'";  
    $product = tep_db_fetch_array($product_query);
```

```
.  
. .  
. .  
. .  
function updateNet() {  
    var taxRate = getTaxRate();  
    var netValue = document.forms["new_product"].products_price_gross.value;  
  
    if (taxRate > 0) {  
        netValue = netValue / ((taxRate / 100) + 1);  
    }  
  
    document.forms["new_product"].products_price.value = doRound(netValue, 4);  
}  
//--></script>
```

```
<?php  
if (($_GET['action']=='new_product' || $_GET['action']=='update_product' )  
{echo $gridedit->showeditgrid('grid=set&cPath=' . $cPath . '&pID=' . $pInfo->products_id .  
'&action=new_product');}  
?>
```

```
<?php echo tep_draw_form('new_product', FILENAME_CATEGORIES, 'cPath=' . $cPath .  
(isset($HTTP_GET_VARS['pID']) ? '&pID=' . $HTTP_GET_VARS['pID'] : '' ) .  
'&action=new_product_preview', 'post', 'enctype="multipart/form-data"'); ?>  
    <table border="0" width="100%" cellspacing="0" cellpadding="2">
```

---

**Appendix A- Changes to files**

**IX. Catalog\admin\products\_attributes.php**

```
.  
.br/>$option_page = (isset($HTTP_GET_VARS['option_page']) &&  
is_numeric($HTTP_GET_VARS['option_page'])) ? $HTTP_GET_VARS['option_page'] : 1;  
$value_page = (isset($HTTP_GET_VARS['value_page']) &&  
is_numeric($HTTP_GET_VARS['value_page'])) ? $HTTP_GET_VARS['value_page'] : 1;  
$attribute_page = (isset($HTTP_GET_VARS['attribute_page']) &&  
is_numeric($HTTP_GET_VARS['attribute_page'])) ? $HTTP_GET_VARS['attribute_page'] : 1;
```

```
$attr_filter = (isset($HTTP_GET_VARS['attr_filter']) &&  
is_numeric($HTTP_GET_VARS['attr_filter'])) ? $HTTP_GET_VARS['attr_filter'] : 1;  
if (isset($HTTP_GET_VARS['next_id']) &&  
is_numeric($HTTP_GET_VARS['next_id'])){$next_id=$HTTP_GET_VARS['next_id'];}  
else {  
$max_values_id_query = tep_db_query("select max(products_options_values_id) + 1 as  
next_id from " . TABLE_PRODUCTS_OPTIONS_VALUES);  
$max_values_id_values = tep_db_fetch_array($max_values_id_query);  
$next_id = $max_values_id_values['next_id']; }  
$page_info = 'option_page=' . $option_page . '&value_page=' . $value_page .  
&attribute_page=' . $attribute_page .  
&attr_filter=' . $attr_filter .  
&next_id=' . $next_id ;
```

```
$page_info = 'option_page=' . $option_page . '&value_page=' . $value_page .  
&attribute_page=' . $attribute_page . '&attr_filter=' . $attr_filter .  
&next_id=' . $next_id ;  
$gridform= $gridedit->showeditgrid($page_info);
```

```
if (tep_not_null($action)) {  
switch ($action) {
```

```
case 'filter_option':  
$max_values_id_query = tep_db_query("select max(products_options_values_id) + 1  
as next_id from " . TABLE_PRODUCTS_OPTIONS_VALUES);  
$max_values_id_values = tep_db_fetch_array($max_values_id_query);  
$next_id = $max_values_id_values['next_id'];  
tep_redirect(tep_href_link(FILENAME_PRODUCTS_ATTRIBUTES, 'option_page=' .  
$option_page . '&value_page=' . $value_page . '&attribute_page=' . $attribute_page .  
&attr_filter=' . $_POST['selectoption'] . '&next_id=' . $next_id));  
break;
```

```
case 'grid':  
$debuggrid=false;  
$gridform= $gridedit->showeditgrid($page_info) ;
```

```
break;
```

```
case 'add_product_options':
```

```
.  
.br/>case 'add_product_option_values':  
$value_name_array = $HTTP_POST_VARS['value_name'];  
$value_id = tep_db_prepare_input($HTTP_POST_VARS['value_id']);  
$value_id = max(tep_db_prepare_input($HTTP_POST_VARS['value_id']),  
$HTTP_GET_VARS['next_id']) ;  
$option_id = tep_db_prepare_input($HTTP_POST_VARS['option_id']);  
$option_id = tep_db_prepare_input($attr_filter);  
for ($i=0, $n=sizeof($languages); $i<$n; $i++) {  
$value_name = tep_db_prepare_input($value_name_array[$languages[$i]['id']]);
```

```
 }  
 }  
 }
```

## Appendix A- Changes to files

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=<?php echo CHARSET; ?>">
<title><?php echo TITLE; ?></title>
<link rel="stylesheet" type="text/css" href="includes/stylesheet.css">
</head>
```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=<?php echo CHARSET; ?>">
<title><?php echo TITLE; ?></title>
<link rel="stylesheet" type="text/css" href="includes/stylesheet.css">
<script language="JavaScript" type="text/javascript">
<!--
function getsupport ( selectedtype )
{
    document.supportform.testlink.value = selectedtype ;
    document.supportform.submit() ;
}
function insertrowcol ( clickrowcolinsert )
{
    document.supportform.newrowcol.value = clickrowcolinsert ;
    document.supportform.submit() ;
}
function editrowcol ( clickrowcoledit )
{
    document.supportform.editrowcol.value = clickrowcoledit ;
    document.supportform.submit() ;
}
-->
</script>
</head>
```

```
<body marginwidth="0" marginheight="0" topmargin="0" bottommargin="0" leftmargin="0"
rightmargin="0" bgcolor="#FFFFFF">
<!-- header //-->
<?php require(DIR_WS_INCLUDES . 'header.php'); ?>
```

```
<?php echo $gridform; ?>
```

```
<!-- header_eof //-->
```

```
.
.
.
```

```

    <tr>
        <td class="pageHeading">&nbsp;<?php echo
$options_values['products_options_name']; ?>&nbsp;</td>
    </tr>
    <tr>
        <td><table border="0" width="100%" cellpadding="2">
            <tr>
                <td colspan="3"><?php echo tep_black_line(); ?></td>
            </tr>
        </table>
    </td>
    </tr>
```

```
<?php
```

```
$products = tep_db_query("select p.products_id, pd.products_name,
pov.products_options_values_name from " . TABLE_PRODUCTS . " p, " .
TABLE_PRODUCTS_OPTIONS_VALUES . " pov, " . TABLE_PRODUCTS_ATTRIBUTES . " pa, " .
TABLE_PRODUCTS_DESCRIPTION . " pd where pd.products_id = p.products_id and
pov.language_id = '" . (int)$languages_id . "' and pd.language_id = '" .
(int)$languages_id . "' and pa.products_id = p.products_id and pa.options_id=''" .
(int)$HTTP_GET_VARS['option_id'] . "' and pov.products_options_values_id =
pa.options_values_id order by pd.products_name");
```

```
$valueoptions= tep_db_query("select products_options_id from
products_options_values_to_products_options where products_options_id=''" .
(int)$HTTP_GET_VARS['option_id'] . "'");
```

```
if (tep_db_num_rows($products)) {
```

```
.
.
```



**Appendix A- Changes to files**

```

po.language_id = ' ' . (int)$languages_id . ' ' and pa.products_id = p.products_id and
pa.options_values_id = ' ' . (int)$HTTP_GET_VARS['value_id'] . ' ' and po.products_options_id
= pa.options_id order by pd.products_name");
if (tep_db_num_rows($products)) {
?>
<tr class="dataTableHeadingRow">
<td class="dataTableHeadingContent" align="center">&nbsp;<?php echo
TABLE_HEADING_ID; ?>&nbsp;</td>
<td class="dataTableHeadingContent">&nbsp;<?php echo
TABLE_HEADING_PRODUCT; ?>&nbsp;</td>
<td class="dataTableHeadingContent">&nbsp;<?php echo
TABLE_HEADING_OPT_NAME; ?>&nbsp;</td>
</tr>
<tr>
<td colspan="3"><?php echo tep_black_line(); ?></td>
</tr>
<?php
while ($products_values = tep_db_fetch_array($products)) {
$rows++;
?>
<tr class="<?php echo (floor($rows/2) == ($rows/2) ? 'attributes-even'
: 'attributes-odd'); ?>">
<td align="center" class="smallText">&nbsp;<?php echo
$products_values['products_id']; ?>&nbsp;</td>
<td class="smallText">&nbsp;<?php echo
$products_values['products_name']; ?>&nbsp;</td>
<td class="smallText">&nbsp;<?php echo
$products_values['products_options_name']; ?>&nbsp;</td>
</tr>
<?php
}
?>
<tr>
<td colspan="3"><?php echo tep_black_line(); ?></td>
</tr>
<tr>
<td class="main" colspan="3"><br><?php echo TEXT_WARNING_OF_DELETE;
?></td>
</tr>
<tr>
<td class="main" align="right" colspan="3"><br><?php echo '<a href="' .
tep_href_link(FILENAME_PRODUCTS_ATTRIBUTES, $page_info, 'NONSSL') . '">' ?><?php echo
tep_image_button('button_cancel.gif', 'cancel '); ?></a>&nbsp;</td>
</tr>
<?php
} else {
?>
<tr>

```

```

<?php
$products = tep_db_query("select p.products_id, pd.products_name,
po.products_options_name from " . TABLE_PRODUCTS . " p, " . TABLE_PRODUCTS_ATTRIBUTES . "
pa, " . TABLE_PRODUCTS_OPTIONS . " po, " . TABLE_PRODUCTS_DESCRIPTION . " pd where
pd.products_id = p.products_id and pd.language_id = ' ' . (int)$languages_id . ' ' and
po.language_id = ' ' . (int)$languages_id . ' ' and pa.products_id = p.products_id and
pa.options_values_id = ' ' . (int)$HTTP_GET_VARS['value_id'] . ' ' and po.products_options_id
= pa.options_id order by pd.products_name");
$productsgridrow=tep_db_query("select p.products_id, pd.products_name,
po.products_options_name, po2.products_options_values_name from " . TABLE_PRODUCTS . " p,
" . " products_grid pa, products_grid_row_col rc, " . TABLE_PRODUCTS_OPTIONS . " po,
products_options_values po2, " . TABLE_PRODUCTS_DESCRIPTION . " pd where pd.products_id =
p.products_id and po2.language_id = ' ' . (int)$languages_id . ' ' and pd.language_id = ' ' .
(int)$languages_id . ' ' and po.language_id = ' ' . (int)$languages_id . ' ' and
pa.products_id = p.products_id and po2.products_options_values_id =
pa.col_options_value_id and rc.products_id= pa.products_id and pa.row_options_value_id = '
' . (int)$HTTP_GET_VARS['value_id'] . ' ' and po.products_options_id = rc.row_head_id order
by pd.products_name");

```

**Appendix A- Changes to files**

```
$productsgridcol=tep_db_query("select p.products_id, pd.products_name,
po.products_options_name, po2.products_options_values_name from " . TABLE_PRODUCTS . " p,
" . " products_grid pa, products_grid_row_col rc, " . TABLE_PRODUCTS_OPTIONS . " po,
products_options_values po2, " . TABLE_PRODUCTS_DESCRIPTION . " pd where pd.products_id =
p.products_id and po2.language_id = ".(int)$languages_id ." and pd.language_id = " .
(int)$languages_id ." and po.language_id = " . (int)$languages_id ." and
pa.products_id = p.products_id and po2.products_options_values_id =
pa.row_options_value_id and rc.products_id= pa.products_id and pa.col_options_value_id="
. (int)$HTTP_GET_VARS['value_id'] . " and po.products_options_id = rc.col_head_id order
by pd.products_name");

if (tep_db_num_rows($products) || tep_db_num_rows($productsgridrow) ||
tep_db_num_rows($productsgridcol) ) {{

?>
    <tr>
        <td colspan="3"><?php echo tep_black_line(); ?></td>
    </tr>
    <tr>
        <td class="main" colspan="3"><br><?php echo TEXT_WARNING_OF_DELETE;
?></td>
    </tr>
    <tr>
        <td class="main" align="right" colspan="3"><br><?php echo '<a href="
. tep_href_link(FILENAME_PRODUCTS_ATTRIBUTES, $page_info, 'NONSSL') . ">' ?><?php echo
tep_image_button('button_cancel.gif', ' cancel '); ?></a>&nbsp;</td>
    </tr>

    <tr class="dataTableHeadingRow">
        <td class="dataTableHeadingContent" align="center">&nbsp;<?php echo
TABLE_HEADING_ID; ?>&nbsp;</td>
        <td class="dataTableHeadingContent">&nbsp;<?php echo
TABLE_HEADING_PRODUCT; ?>&nbsp;</td>
        <td class="dataTableHeadingContent">&nbsp;<?php echo
TABLE_HEADING_OPT_NAME; ?>&nbsp;</td>
    </tr>
    <tr>
        <td colspan="3"><?php echo tep_black_line(); ?></td>
    </tr>
<?php
    while ($products_values = tep_db_fetch_array($products)) {
        $rows++;
?>
        <tr class="<?php echo (floor($rows/2) == ($rows/2) ? 'attributes-even'
: 'attributes-odd'); ?>">
            <td align="center" class="smallText">&nbsp;<?php echo
$products_values['products_id']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_name']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_options_name']; ?>&nbsp;</td>
        </tr>
<?php
    }
}

if(tep_db_num_rows($productsgridrow)) {

    while ($products_values = tep_db_fetch_array($productsgridrow)) {
        $rows++;
?>
        <tr class="<?php echo (floor($rows/2) == ($rows/2) ? 'attributes-even'
: 'attributes-odd'); ?>">
            <td align="center" class="smallText">&nbsp;<?php echo
$products_values['products_id']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_name']; ?>&nbsp;</td>
```

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### Appendix A- Changes to files

```
        <td class="smallText">&nbsp;<?php echo
$products_values['products_options_name']; ?>&nbsp;</td>
        <td class="smallText">&nbsp;<?php echo
$products_values['products_options_values_name']; ?>&nbsp;</td>
    </tr>
<?php
}
}

if(tep_db_num_rows($productsgridcol)) {

    while ($products_values = tep_db_fetch_array($productsgridcol)) {
?>
        <tr class="<?php echo (floor($rows/2) == ($rows/2) ? 'attributes-even'
: 'attributes-odd'); ?>">
            <td align="center" class="smallText">&nbsp;<?php echo
$products_values['products_id']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_name']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_options_name']; ?>&nbsp;</td>
            <td class="smallText">&nbsp;<?php echo
$products_values['products_options_values_name']; ?>&nbsp;</td>
        </tr>
<?php
}
}

} else {
?>
    <tr>
```

```
<td class="main" colspan="3"><br><?php echo TEXT_OK_TO_DELETE; ?></td>
</tr>
<tr>
.
.
.
<tr>
    <td colspan="4" class="pageHeading">&nbsp;<?php echo HEADING_TITLE_VAL;
?>&nbsp;</td>
</tr>
<tr>
    <td colspan="4" class="smallText" align="right">
<?php
```

```
    $qry = 'SELECT products_options_id , products_options_name FROM products_options
WHERE language_id ='. (int)$languages_id;
    $result = mysql_query($qry);
    $selectarr=array();
    while($row = mysql_fetch_assoc($result)){
        $selectarr[$row['products_options_id']]=$row['products_options_name'] ;
        $prev=array();
        foreach ($selectarr as $id=>$name){
            if (isset($attr_filter) && ($attr_filter== $id)){
                $prev[$id]= "selected='selected'"; }else { $prev[$id]='';}
```

```

.
.
$values = "select pov.products_options_values_id, pov.products_options_values_name,
pov2po.products_options_id from " . TABLE_PRODUCTS_OPTIONS_VALUES . " pov left join " .
TABLE_PRODUCTS_OPTIONS_VALUES_TO_PRODUCTS_OPTIONS . " pov2po on
pov.products_options_values_id = pov2po.products_options_values_id where pov.language_id
= ". (int)$languages_id . " order by pov.products_options_values_id";
```

```
$values = "select pov.products_options_values_id, pov.products_options_values_name,
pov2po.products_options_id from " . TABLE_PRODUCTS_OPTIONS_VALUES . " pov left join " .
TABLE_PRODUCTS_OPTIONS_VALUES_TO_PRODUCTS_OPTIONS . " pov2po on
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

```
pov.products_options_values_id = pov2po.products_options_values_id where pov.language_id
= '' . (int)$languages_id .
'' AND pov2po.products_options_id=''.(int)$attr_filter.'' order by
pov.products_options_values_id";
```

```
$values_split = new splitPageResults($value_page, MAX_ROW_LISTS_OPTIONS, $values,
$values_query_numrows);
```

```
echo $values_split->display_links($values_query_numrows, MAX_ROW_LISTS_OPTIONS,
MAX_DISPLAY_PAGE_LINKS, $value_page, 'option_page=' . $option_page . '&attribute_page=' .
$attribute_page, 'value_page');
```

```
echo $values_split->display_links($values_query_numrows, MAX_ROW_LISTS_OPTIONS,
MAX_DISPLAY_PAGE_LINKS, $value_page, 'option_page=' . $option_page . '&attribute_page=' .
$attribute_page . '&attr_filter=' . $attr_filter . '&next_id=' . $next_id, 'value_page');
$selist='';
$selist.='<form name="selectform" method="post" action="'.
tep_href_link(FILENAME_PRODUCTS_ATTRIBUTES, 'action=filter_option&'.$page_info ,
'NONSSL') . '>';

$selist.='<select name="selectoption" onChange = "document.selectform.submit()" >';
foreach ($selectarr as $id=>$name){
    $selist.='<option value="'. $id .'" . $prev[$id] . '>'. $name . '</option>';
}

$selist.= '</select>';
$selist.= '<noscript><p style="text-align: right;"><input
type="submit"></noscript></p>';
$selist.='</form>';
echo $selist;
```

```
?>
.
.
<td align="center" class="smallText">&nbsp;<?php echo $next_id; ?>&nbsp;</td>
    <td align="center" class="smallText">&nbsp;<select name="option_id">
<?php
    $options = tep_db_query("select products_options_id, products_options_name from " .
TABLE_PRODUCTS_OPTIONS . " where language_id = '' . $languages_id . '' order by
products_options_name");
    while ($options_values = tep_db_fetch_array($options)) {
        echo '<option name="' . $options_values['products_options_name'] . '" value="' .
$options_values['products_options_id'] . '">' . $options_values['products_options_name']
. '</option>';
    }

    $inputs = '';
    for ($i = 0, $n = sizeof($languages); $i < $n; $i++) {
        $inputs .= $languages[$i]['code'] . ':&nbsp;<input type="text" name="value_name['
. $languages[$i]['id'] . ']' size="15">&nbsp;<br>';
    }
?>

    </select>&nbsp;</td>
    <td class="smallText"><input type="hidden" name="value_id" value="<?php
echo $next_id; ?>"><?php echo $inputs; ?></td>
    <td align="center" class="smallText">&nbsp;<?php echo
tep_image_submit('button_insert.gif', IMAGE_INSERT); ?>&nbsp;</td>
<?php
    echo '</form>';
?>

</tr>
<tr>
    <td colspan="4"><?php echo tep_black_line(); ?></td>
</tr>
```

**Appendix A- Changes to files**

```
<?php
  }
}
?>
      </table></td>
    </tr>
  </table></td>
<!-- option value eof //-->
```

## GRID ATTRIBUTES V1.2 aspiringdeveloper 05/24/2008

### Appendix A- Changes to files

#### X. Catalog\admin\includes\application\_top.php

```
require(DIR_WS_CLASSES . 'grid.php');
```

```
tep_session_start();
```

```
if ( (PHP_VERSION >= 4.3) && function_exists('ini_get') && (ini_get('register_globals')  
== false) ) {  
    extract($_SESSION, EXTR_OVERWRITE+EXTR_REFS);  
}
```

```
if (tep_session_is_registered('gridedit') && is_object($gridedit)) {  
    if (PHP_VERSION < 4) {  
        $broken_grid = $gridedit;  
        $gridedit = new Grid;  
        $gridedit->unserialize($broken_grid);  
    }  
} else {  
    tep_session_register('gridedit');  
    $gridedit = new Grid;  
}
```

---

**Appendix A- Changes to files**

---

**XI. Catalog\admin\includes\functions\general.php**

**New function:**

```
function tep_has_grid($products_id){
$grid_query=tep_db_query("select count(*) as count from products_grid_row_col where
products_id = '" . (int)$products_id . "'");
$grid= tep_db_fetch_array($grid_query);
if ($grid['count']>0) {
    return true;
} else {
    return false;
}
}
```