

Warning: Trying to access array offset on value of type null in /var/www/vhosts/thecmsbcookbook.com/httpdocs/recipeDetail3.php on line 44

# The CMS Builder Cookbook

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## CALCULATOR USING PHP - Jan 5th, 2012

There are many approaches to creating calculators using JavaScript and other approaches. Here's one that I put together for a Gicleé printing company that uses fairly simple PHP programming.

Dimensional values in the pull down lists are taken from a multi-record list of standard print dimensions using the `getListOptions` function where "dimensions" is the name of the table and "value2" is the name of the field holding the numerical value.

Pricing values are taken from a multi-record list of information about each of the papers that the company utilizes. Each record contains a field for manufacturer, media family, media weight and price.

The form displays pull down list of \$label values made up of the values of the record's fields: manufacturer, media family and media weight. The value of the record's price field is used for the option value.

The formula used is (standard length in inches x standard height in inches)/144) \* price per square foot = \$value.

A reset form is included at the end.

```
<form method="POST" action="<?php echo $_SERVER['PHP_SELF'] ?>" >
<select name = "price" >
<option value="">Choose A Paper Type From This List</option>
<?php foreach ($print_mediaRecords as $record): ?>
<?php $label = @$record['manufacturer:label'] . " " . @$record['media_family'] . " " . @$record['media_weight'] ." lbs"
?>
<option value = "<?php echo(@$record['price']);?>" label="<?php echo($label) ?>">
<?php echo $label; ?></option>
<?php endforeach ?>
</select>
<br /> <br />
<span class="body-text-9">The dimensions listed are our standard printing dimensions. Your actual print dimensions can't be larger than the ones you choose.</span>
<br /> <br />
<select name='input1'>
<option value="">Choose Your First Dimension (Length Or Width)</option>
<?php foreach (getListOptions('dimensions','value2') as $value => $label): ?>
<option value = "<?php echo $value;?>" <?php selectedIf($value, @$_REQUEST['value2']);?>>
<?php echo $label; ?></option>
<?php endforeach ?>
</select>
<br /> <br />
<select name='input2'>
<option value="">Choose Your Second Dimension</option>
<?php foreach (getListOptions('dimensions','value2') as $value => $label): ?>
<option value = "<?php echo $value;?>" <?php selectedIf($value, @$_REQUEST['value2']);?>>
```

```

<?php echo $label; ?></option>
<?php endforeach ?>
</select>
<br /> <br />
<input type="submit" name="submit" value="Click To Calculate The Cost Of Your Print" >
</form>
<br />
<?PHP

//The calculation
$value = ((@$_POST['input1'] * @$_POST['input2']/144) * @$_POST['price'] ;
?>
<span class="body-text-bold-9">Cost For Each Print:</span>
<span class="body-text-9">$
<?PHP
//Output result
echo number_format($value ,2) ?>
<br />
<span class=" body-text-bold-red-9">**</span> <span class="body-text-
9">Print Prices are approximate, if adjustments of
more than 10% are required, we will notify you prior to proceeding.</span>
<br /> <br />
<FORM ACTION="">
<INPUT TYPE="submit" VALUE="Reset Form and Calculate Another Print Cost">
</FORM>

```

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