

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

[Home](#)

[Read Excerpts](#)

[View the  
Table of  
Contents](#)

[All  
User Submitted  
CMS Plugins](#)

[CMSB Resources](#)

[Contact Us](#)

**USING GROUPBY TO CREATE A LIST OF RECORDS THAT HAVE THE SAME VALUES AND ONLY RETURN ONE RECORD PER GROUP - May 28th, 2019**

I had created a service provider directory for a client who wanted to create a list of the countries and states/provinces that had provider listing records (accounts). They also wanted to show a count of how many listings

there were for each country and each state/province, eliminating any hidden listings.

With a great deal of help from Daniel Loewe and Greg Thomas, here's what we came up with.

You can see the result at <https://dbtproviders.com/maplist.php>

Daniel first suggested using the `groupBy` function to create a list of records that have the same values and only return one record per group.

```
list($accountsRecords, $accountsMetaData) = getRecords(array(
    'tableName' => 'accounts',
    'orderBy' => 'practice_country ASC , practice_state ASC ',
    'groupBy' => 'practice_country, practice_state',
));
```

Then to display the list, he suggested the following (Greg added the code for counting):

```
<?php $old_group = ""; // init blank var.

foreach ($accountsRecords as $record): ?>
<?php if (!$record['practice_country:label'] == " ):?>
    <?php $group = $record['practice_country:label']; // load sub-group value from record. ?>
    <?php else : ?>
    <?php $group = $record['other_practice_country']; ?>
    <?php endif ?>
    <?php $stateCount = mysql_count('accounts', mysql_escapef("`practice_state` = ? AND `hidden` = '0'
",$record['practice_state'])); ?>
    <?php $countryCount = mysql_count('accounts', mysql_escapef("`practice_country` = ? AND `hidden` = '0'
",$record['practice_country'])); ?>
    <div class="rTableRow">
        <div class="rTableCell text_font">
            <?PHP
if ($group != $old_group) {echo "<h3>$group ($countryCount Listings)</h3>";} ?>
            <?php $state = ($record['practice_state']); ?>
            <?php $country = ($record['practice_country:label']); ?>
            <?php $recnum = ($record['num']); ?>
            <a href="maps.php?state=<?php echo $state ?>&country=<?php echo $country ?>"><?
php echo ucwords($state);
?> (<?php echo $stateCount ?>) </a></div>
        </div>
        <?PHP $old_group = $group; // retain sub-group name before moving to new record. ?>
    <?php endforeach; ?>
```

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