

The CMS Builder Cookbook

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PRE-POPULATING RADIO BUTTONS IN FORMS FROM A MASTER LIST - May 28th, 2019

When used in a form, radio buttons allow only one value to be chosen from a list of values.

The trick here was to populate the list of values from the values available in separate master list, and use that list to populate a radio button list field in the accounts section (some of the functions in this example require the Website Membership plugin).

Here's are the steps...

1) Create a multi-record section (called "my_values") with a "hidden" check box and a text field called "contents"

2) In the accounts section, create a radio button list field (called my_list_field) that gets its options from the MySQL query:

```
SELECT num, contents
FROM `<?php echo $TABLE_PREFIX ?>my_values`
WHERE hidden = 0
ORDER BY dragSortOrder ASC ;
```

3) Near the top of the viewer that contains your form, after the load records calls, add the following variable to the list of variables:

```
@$my_list_field = @$_REQUEST['my_list_field'] ;
```

4) After any error checking include the following in your \$colsToValues array

```
@$colsToValues['my_list_field'] = $_REQUEST['my_list_field'] ;
```

5) to pre-populate your form from current user values in the accounts table

```
// pre-populate form with current user values
foreach ($CURRENT_USER as $name => $value) {
    if (array_key_exists($name, $_REQUEST)) { continue; }
    $_REQUEST[$name] = $value;
}
```

5) In your form, to show a radio button list of all values that are not hidden in the "my_values" section, use the code:

```
<tr>
<td valign="top">My Available Values</td>
<td>
<input type="radio" value="" />
```

```

<?php $fieldname = 'your_list_field'; ?>
<?php $idCounter = 0; ?>
<?php foreach (getListOptions(accountsTable(), $fieldname) as $value => $label): ?>
<?php $id = "$fieldname." . ++$idCounter; ?>
<input type="radio" name="<?php echo $fieldname ?>" id="<?php echo $id ?>"
value="<?php echo htmlspecialchars($value) ?>" <?php checkedIf(@$_REQUEST[$fieldname], $value) ?> />
<label for="<?php echo $id ?>"><?php echo htmlspecialchars($label) ?></label>
<?php endforeach ?>
</td>
</tr>

```

Another Approach (shows all values):

```

<?php $fieldname = 'practice_country'; ?>
<?php $idCounter = 0; ?>
<?php foreach (getListOptions(accountsTable(), $fieldname) as $value => $label): ?>
<?php $id = "$fieldname." . ++$idCounter; ?>
<input id="<?php echo $id ?>" name="<?php echo $fieldname ?>" type="radio" value="<?php echo htmlspecialchars($value) ?>" />
<label for="<?php echo $id ?>"><?php echo htmlspecialchars($label) ?></label>

<?php endforeach ?>

```

To show only values that are not hidden:

Since `getListOptions()` will get all available options for a list field, if you want to only show countries that have been selected by non-hidden records, here's a different approach.

```

<?php $fieldname = 'practice_country'; ?>
<?php $tablename = accountsTable(); ?>
<?php
// get all table records
list($tableRecords, $tableRecordsMeta) = getRecords(array(
'tableName' => $tablename,
'loadUploads' => false,
'loadCreatedBy' => false,
'allowSearch' => false,
));

// group records by target field to find option keys
$tableRecordsByField = array_groupBy($tableRecords, $fieldname);
$keys = array_keys($tableRecordsByField);

// create option list
$listOptions = [];
foreach($keys as $key) {
if (!empty($key)) {
$listOptions[ $key ] = $tableRecordsByField[ $key ][ $fieldname.':label' ];
}
}
?>

```

This will create the variable `$listOptions` that should contain all of the currently in-use list values and labels for the target table/field. This should let you then update your `foreach` to look like this:

```

<?php foreach ($listOptions as $value => $label): ?>
<?php $id = "$fieldname." . ++$idCounter; ?>
<input id="<?php echo $id ?>" name="<?php echo $fieldname ?>" type="radio" value="<?php echo htmlspecialchars($value) ?>" <?php checkedIf(@$_REQUEST[$fieldname], $value) ?>/>
<label for="<?php echo $id ?>"><?php echo htmlspecialchars($label) ?></label>

<?php endforeach ?>

```

Note that this will only work for single-value list fields, such as radio buttons or single dropdowns.

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