

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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SEARCHING FOR KEYWORDS SITEWIDE INCLUDING IMAGE INFO FIELDS (MULTISEARCH) - Jul 8th, 2020

Back in 2008 (ancient history...) Dave Edis announced that as of version 1.13 (more ancient history...) a multi search function had been added to CMSB and he offered some example implementation.

I thought that it would be great if I could including upload info fields in the multisearch results.

With a lot of help from Daniel Loewe, a senior programmer at Interactive Tools, I was able to reach my goal.

Here's the code for both the MultiSearch page (called multisearch.php) and the Image Viewer page (called test.php) (no styling):

```
<?php
$libraryPath = 'cmsAdmin/lib/viewer_functions.php';
$dirsToCheck = array('/your_server_path/', './', '../', './../', './../..');
foreach ($dirsToCheck as $dir) { if (@include_once("$dir$libraryPath")) { break; }}
if (!function_exists('getRecords')) { die("Couldn't load viewer library, check filepath in sourcecode."); }

$searchOptions = array();
$searchOptions['keywords'] = @$_FORM['q'];
$searchOptions['perPage'] = "100";
$searchOptions['debugSql'] = "0";

$searchTables = array();
$searchTables['family_stories'] = array(
    'viewerUrl' => 'story_detail.php',
    'titleField' => 'title',
    'summaryField' => 'sub_title',
    'searchFields' => array('title','sub_title','story'),
);

$searchTables['faq'] = array(
    'viewerUrl' => 'faqdetail.php',
    'titleField' => 'question',
    'summaryField' => 'category',
    'searchFields' => array('category','question','answer'),
);

$searchTables['uploads'] = array(
    'viewerUrl' => 'test.php',
    'titleField' => 'filePath',
    'summaryField' => 'thumbFilePath',
    'searchFields' => array('filePath', 'info1', 'info2', 'info3', 'info4', 'info5'),
);

list($searchRows, $searchDetails) = searchMultipleTables($searchTables, $searchOptions);
?>
```

```

<!-- /STEP1: Load Record List -->
<?php echo "<?xml version='1.0'?>\n"; ?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title></title>
<meta http-equiv="Content-Type" content="text/html;charset=UTF-8" />
<style type="text/css">
body {
font-family: arial;
font-size: 12px;
}
</style>
</head>
<body>
<h1>Search Viewer</h1>
<form method="GET" action="<?php echo $_SERVER['PHP_SELF']; ?>" >
<input type="text" name="q" value="<?php echo htmlspecialchars(@$FORM['q']); ?>" size="50">
<input type="submit" name="" value="Search">

<table border=0 cellpadding=2 cellspacing=0 width=100%>
<tr>
<td bgcolor="#EEEEEE"><font size=2 class="maintext">Search results for <b><?
php echo htmlspecialchars(@$FORM['q']);
?></b></font> - <font size=2 class="maintext">This page shows results <b><?php echo
htmlspecialchars(@$searchDetails['pageResultsStart']); ?></b> to <b><?php echo
htmlspecialchars(@$searchDetails['pageResultsEnd']); ?></b> out of <b><?php echo
htmlspecialchars(@$searchDetails['totalRecords']); ?></b> found.</font></td>
</tr>
</table>

<!-- STEP3: Display Page Links (Paste anywhere below "Load Record List") -->
<?php if ($searchDetails['prevPage']): ?>
<a href="<?php echo $searchDetails['prevPageLink'] ?>">&lt;&lt; previous page</a>
<?php else: ?>
&lt;&lt; prev
<?php endif ?>
- page <?php echo $searchDetails['page'] ?> of <?php echo $searchDetails['totalPages'] ?> -
<?php if ($searchDetails['nextPage']): ?>
<a href="<?php echo $searchDetails['nextPageLink'] ?>">next page &gt;&gt;</a>
<?php else: ?>
next &gt;&gt;
<?php endif ?>
<!-- /STEP3: Display Page Links -->

<!-- show errors -->
<?php if ($searchDetails['invalidPageNum']): ?>
Results page '<?php echo $searchDetails['page']?>' not found, <a href="<?php echo $searchDetails['firstPageLink']
?>">start over &gt;&gt;</a>.
<?php elseif ($searchOptions['keywords'] && $searchDetails['noRecordsFound']): ?>
No records matched search query!

<?php elseif ($searchOptions['keywords'] == ""): ?>
Enter a keyword to search.

<?php endif ?>

<!-- STEP2: Display Record List -->
<hr />
<?php foreach ($searchRows as $record): ?>
<a href="<?php echo $record['_link'] ?>"><?php echo $record['_title'] ?></a>
<?php if ($record['_summary']): ?>
<?php echo $record['_summary'] ?>
<?php else: ?>

No description is available for this page.
<?php endif ?>
<a href="<?php echo $record['_link'] ?>" style="color: #008000"><?php echo $record['_link'] ?></a>
<hr/>
<?php endforeach ?>

```

```

<?php endforeach ?>
<!-- /STEP2: Display Record List -->

</form>
</body>
</html>

```

And for the Image Viewer called test.php (no styling)

```

<?php
$libraryPath = 'cmsAdmin/lib/viewer_functions.php';
$dirsToCheck = array('/your_server_path/', './', '../', './../', './../..');
foreach ($dirsToCheck as $dir) { if (@include_once("$dir$libraryPath")) { break; }}
if (!function_exists('getRecords')) { die("Couldn't load viewer library, check filepath in sourcecode."); }

list($uploadsRecords, $uploadsMetaData) = getRecords(array(
'tableName' => 'uploads',
'where' => whereRecordNumberInUrl(0),
'loadUploads' => true,
'allowSearch' => false,
'limit' => '1',
));
$uploadsRecord = @$uploadsRecords[0]; // get first record

?>

<a href='/multisearch.php'><span class=" navigation_font" style="font-size:24px;">&lt; &lt; BACK TO SEARCH
PAGE</span></a>

<div > 
<?PHP $uploadsRecord['info1'] = preg_replace("/[\"]/", "", $uploadsRecord['info1'] ); ?>
<?PHP $uploadsRecord['info2'] = preg_replace("/[\"]/", "", $uploadsRecord['info2'] ); ?>
<?PHP $uploadsRecord['info3'] = preg_replace("/[\"]/", "", $uploadsRecord['info3'] ); ?>
<?PHP $uploadsRecord['info4'] = preg_replace("/[\"]/", "", $uploadsRecord['info4'] ); ?>
<?PHP $uploadsRecord['info5'] = preg_replace("/[\"]/", "", $uploadsRecord['info5'] ); ?>
<div align='center' style='font-size:1.4em; vertical-align:top; text-align:left;' class='text_font' ><?php
echo($uploadsRecord['info1']) ?> <?php echo($uploadsRecord['info2']) ?> <?php echo($uploadsRecord['info3']) ?> <?
php
echo($uploadsRecord['info4']) ?> <?php echo($uploadsRecord['info4']) ?></div>
The first CMS Builder reference book is now available on-line!

```

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