Subject: Print labels in PDF
Posted by bonzo_bcn on Mon, 20 Oct 2008 16:37:17 GMT
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I need to print a personal card for each person in a table.

Each A4 paper has 10 'boxes' divided into two columns of five elements. Each box will contain one persons data such as name, surname etc.
Is it possible to print a pdf with this format in radicore?

Subject: Re: Print labels in PDF
Posted by AJM on Mon, 20 Oct 2008 17:13:41 GMT
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Yes. You need to look at http://www.tonymarston.net/php-mysql/output-to-pdf.html#example.invoice which also has sample code in the XAMPLE application (included in the Radicore download).

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Mon, 20 Oct 2008 17:18:48 GMT
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Thanks Tony, I allready saw that but couldn't find the answer,is it really possible to print two different records in one line?
I mean, I have five lines with two labels per line, and I need a different person to be printed in each line.
If this is possible I'll take a look to that example more thoroughly.
Thanks again.

Subject: Re: Print labels in PDF
Posted by AJM on Mon, 20 Oct 2008 19:08:53 GMT
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If you take a look at the _cm_output_multi() method in radicore/xample/classes/x_person.class.inc you will see that the output is an array which may contain data from as many different records as you like. It is not restricted to one record per line - you can have multiple records on a single line as well as multiple lines for a single record. It all depends on what you put in the output array.

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 09:45:02 GMT
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Tony,
I've been struggling with this for quite a few hours and I want to be sure I'm doing it the correct way:
I have a list1 of persons (that may have been filtered by some criteria).
In this list1 I have a button with an output3 transaction that should print the labels (containing person data) in an A4 sheet, with two labels per line, five lines per sheet (one label is for each person).

My idea is to define one multi1 zone with the following field names:

name1
name2
.
.
name10

address1
address2
.
.
address10

Then in _cm_output_multi fill each with a persons data, and update the $where clause so that this records aren't considered anymore (so they aren't printed again).

Is this correct?

Subject: Re: Print labels in PDF
Posted by AJM on Tue, 21 Oct 2008 10:04:45 GMT
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If you want to print 2 labels per line then you need to define a line containing 2 labels, then output an array containing as many lines as necessary.

Take a look at http://www.tonymarston.net/php-mysql/output-to-pdf.html#exam ple.invoice which is produced from radicore/xample/classes/x_person_s04.class.inc. The INVOICE_TO and SHIP_TO boxes show how you can print two address labels on a single line, but to get multiple lines you need to look at the production of the item lines in the _cm_output_multi() method for the 'multi1' condition. There you can construct an array containing as many lines as you need before you return.

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 12:14:36 GMT

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Ok, more or less I got it.

Now I have problems printing the persons image in each label.

It seems as if there can only be one image per line.

If I put two images per line I get this error:

Fatal Error: Image file has no extension and no type was specified: fotos/firma (# 256).

Error in line 369 of file '/Applications/MAMP/htdocs/radicore/includes/std.pdf.class.inc'.

Script: /Radicore/ceae/fichas(output3).php

Any ideas on how to solve it?

Subject: Re: Print labels in PDF
Posted by AJM on Tue, 21 Oct 2008 13:24:24 GMT
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That error message is saying that when it comes to process the image it is looking for an extension such as '.jpg' or '.png' to identify the file type, but cannot find one. What is the value for 'pic1' and 'pic2' in your data array? It should be a string containing the name of the image file.

I have tried running 'person_output(pdf)2.php' in the XAMPLE application which includes an image, and I can successfully resize it by changing the values for 'imagewidth' and 'imageheight' in the $fieldspec array without any problem whatsoever. Can you step through with your debugger to see where it is getting the values that it is using?

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 13:31:39 GMT
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After _cm_output_multi:
outarray[0][pic1]=fotos/firma.jpg;
outarray[0][pic2]=fotos/20080921184905_firma.jpg;

somewhere between _cm_output_multi and printCell, the extension is being automatically removed (but only if there are two images per line, with one image it works).

I'll try to figure out where is the extension being removed with the debugger.

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 14:03:41 GMT
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Ok, I found it.
It was a problem with the field width, if the name of the picture is too long, it splits it into two lines, therefore it can't be rendered as it doesn't find the truncated picture name.

BTW: I'd like to hide the name of the file and show only the picture, is this possible?

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 14:48:17 GMT
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Another update, I modified std.pdf.class.inc so that it doesn't split the filename if it's an image:

```
if ($celldata['fieldspec']['subtype']!='image'){
            if ($this->GetStringWidth($line) > $cell_width-2.25 ) {
             // this line is too long for current cell
             if ($last_split > 0) {
              // truncate current line at last split character
              if ($char == '_') {
               $split_point = $ix - $last_split +1;
              } else {
                  $split_point = $ix - $last_split;
              } // if
              $line = substr($line, 0, strlen($line) - $split_point);
              if ($char == '_') {
               $ix = $last_split -1;
              } else {
                  $ix = $last_split;
              } // f
             } // if
             $celldata['line_array'][] = trim($line);
             $line = '';
             $last_split = 0;
            } // if
}
```

OTOH, I added this code:
$text='';
on line 1048 of the same file to hide the image name.

Subject: Re: Print labels in PDF

Posted by AJM on Tue, 21 Oct 2008 15:00:45 GMT
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The file name cannot be omitted with the current release, but I've updated my code to make this possible. Please see the attached file. You have two choices:
(1) Insert 'notext' => 'y' into the $fieldspec array for the image.
(2) Insert 'notext' => 'y' into the report struture file for the image.

Please note that the attached file contains ALL pending updates, so please read the notes in radicore/radicore-2008-xx-xx.txt

File Attachments
1) radicore-2008-10-21-update.zip, downloaded 1867 times

Subject: Re: Print labels in PDF
Posted by AJM on Tue, 21 Oct 2008 15:20:48 GMT
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I have a much better fix for that in the attached file. Basically it uses $celldata['text'] for the image name instead of $celldata['line_array'][0]

File Attachments
1) std.pdf.class.zip, downloaded 1931 times

Subject: Re: Print labels in PDF
Posted by bonzo_bcn on Tue, 21 Oct 2008 18:37:48 GMT
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I almost done, just one last thing:
The user filters the persons to be printed in the list1 transaction, from there a button prints the details of each person, but I've modified _cm_output_multi so that with the first call to _cm_output_multi, all the selected labels are printed in pairs.
Therefore what I'm getting right now is that all the labels are printed as many times as records are selected in list1.

So what I've done is define a variable called 'first_print=true' in the person class, and then:

```
function _cm_post_fetchRow ($rowdata){
 if ($this->first_print){
  $this->first_print = false;
  return $rowdata;
 }else{
  return null;
 }
}
```

Is this the correct way to achieve it?

Subject: Re: Print labels in PDF
Posted by AJM on Tue, 21 Oct 2008 23:22:32 GMT
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I don't know as I have nothing to test it against. I cannot tell if it works or not, or if there's a better way. If it works for you then that is all that is necessary.
