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Subject: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Mon, 30 Sep 2019 13:55:17 GMT  
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Can I rotate the cell values? I try to explain it with the next lines:

```
.....| | | | |  
Line 1 x x x o x o  
Line 2 x o x x x o  
...
```

The pipes are the headings 90° rotated. So I could generate my (Pivot-table) report on one page.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Tue, 01 Oct 2019 08:42:13 GMT  
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Not at present, but I will look into it.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Tue, 01 Oct 2019 13:49:28 GMT  
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I cannot see any option for this is the TCPDF library, so I'm afraid that you are out of luck.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Wed, 02 Oct 2019 09:33:29 GMT  
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What a pity. Thank you for looking for an option. Do you have any idea how I could solve this problem in a different way?

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Thu, 03 Oct 2019 09:26:20 GMT  
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If you look at <https://www.tonymarston.net/php-mysql/output-to-pdf.html#col umn.widths.list> you will see that it is possible for column labels to overflow onto the next line if the text is too wide for the cell width. It is also possible to insert the "\n" (newline) character between each letter to force it to overflow. Unfortunately I cannot see a way to rotate the text through 90 degrees, so you will still read it vertically.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Fri, 04 Oct 2019 09:11:02 GMT  
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Thank you. I will try this out.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Sat, 05 Oct 2019 15:51:38 GMT  
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In which method can I place best my code to modify the output? I want to show a 'x' for true and an " " for false. So I can see which player was present at a match.  
In my pdf the 0 is always the presence of the first player in the first match. I think that I have to correct my SQL query in the controller script. Where can I dump the query result best?

### File Attachments

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1) [htm pivot table.pdf](#), downloaded 882 times

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Sun, 06 Oct 2019 07:51:04 GMT  
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You can use the `_cm_formatData()` method which is the last method to be called before the data is passed to the PDF processor.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Fri, 18 Oct 2019 16:38:37 GMT  
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At the moment I think I have found a way to generate my Pivot table but I need some further information from you.

1. In the `_cm_initialise()` method I query my table to find all relevant players and insert these as an array in `$GLOBALS[""]`
2. In the `_cm_formatData()` method I now can investigate if the player was present or not present at the match. I do this with x or blank.

What I do not know is where to place best the code for the 90° heading variables as you told me with the "\n" character. I have seen that I can create the headings with variables like  
`$structure['body']['fields'][] = array('spiele_anwesenheit_status_ausgabe' => $GLOBALS['Spielername01']);`

The problem is that obviously the report structure file is called before the `_cm_initialise()` method so that the variable `$GLOBALS['Spielername01']` is empty. The UML diagrams don't show the

output pattern sequences. Can you tell me how I can solve this problem?

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Sat, 19 Oct 2019 08:21:45 GMT  
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Are these labels static or dynamic? If they are static you can define them with "\n" characters in the report.inc file. If they are dynamic then they need to be defined as fields instead of labels so that the contents of each field can be set in your code and not in the report.inc file. This is explained in <https://www.tonymarston.net/php-mysql/output-to-pdf.html#title.contents> - scroll down until you see you see the keyword "<text>" and the option for "%<text>".

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Sat, 19 Oct 2019 12:21:42 GMT  
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The labels are dynamic. The number of columns can be different. But I think I have found a solution.

In my controller script I first call a method in one of my library inc files and there I run the query to get the number of columns and there I can create the labels. All this data I write to \$GLOBALS so that I can read in the values in the report structure file.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Sun, 20 Oct 2019 09:02:19 GMT  
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I'm glad you found a solution.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Mon, 21 Oct 2019 08:53:52 GMT  
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There is one problem left. When will the report structure file be initialised? If I call my method at the begin of the controller script I do not have the values (in \$GLOBALS) for querying the table. If I want to do this in the `_cm_initialise()` method of the class, the report structure file and the field labels are already "initialised" and I can't change them anymore.  
Do you have a documentation about the sequences of the methods?

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Subject: Re: Output2 - Options / 90° cell rotation

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Posted by [AJM](#) on Tue, 22 Oct 2019 11:14:14 GMT

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This is the sequence of events in the OUTPUT2 pattern:

- 1) The report structure file is read into memory during execution of the `initsession()` function.
- 2) The following methods are called: `$dbobject->initialise()`, `$dbobject->getExtraData()`, `$dbobject->getData_serial()`.
- 3) The PDF object is instantiated and the `$pdf->outputPDF_ListView()` method is called which has the following steps:
  - 3.1) Call the `$dbobject->_cm_pre_output()` method.
  - 3.2) Call the `$pdf->listView()` method which has the following steps:
    - 3.2.1) Call `$dbobject->fetchRow()`.
    - 3.2.2) Call `$dbobject->_cm_post_fetchRow()`.
    - 3.3.3) Call `$pdf->listView_print()`.
    - 3.3.4) Call `$dbobject->_cm_formatData()`.
    - 3.3.5) Call `$pdf->listView_assemble_row()` for each column.
    - 3.3.6) Call `$pdf->printRow()` to output the row to the PDF document, which calls the following at the start of each page:
      - 3.3.6.1) Call `$dbobject->_cm_ListView_header()`
      - 3.3.6.2) Call `$pdf->Header()` to print the page heading.
      - 3.3.6.3) Output the column labels.

While testing this I discovered that the ability to use dynamic column labels was not available, so I have amended `std.pdf_list.class.inc` (which is attached) to add this ability. To use this feature you need to do the following:

- a) In your report structure file change the column label from a literal to `'%%id'` where 'id' is the label identity.
- b) In your object's `_cm_ListView_header()` method (see step 3.3.6.1 above) insert code similar to the following:

```
$this->dynamic_column_headings = array('id' => 'whatever');
```

This will then enable the step at 3.3.6.3 (which I have amended) to replace `'%%id'` with `'whatever'`.

Try it and see.

## File Attachments

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- 1) [std.pdf\\_list.class.inc](#), downloaded 746 times
- 

Subject: Re: Output2 - Options / 90° cell rotation

Posted by [htManager](#) on Wed, 23 Oct 2019 20:53:25 GMT

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Thank you very much for the detailed documentation and the Explanation. I think, tomorrow I will have time to get on work again at my problem. But I can't download the `std.pdf_list.class.inc`. There is always an http 403 error. Do I have to do something else?

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Fri, 25 Oct 2019 08:37:07 GMT  
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Try this zip file instead.

### File Attachments

1) [std.pdf\\_list.class.zip](#), downloaded 781 times

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Fri, 25 Oct 2019 11:49:26 GMT  
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The same problem. I see a white screen and this:  
<http://forum.radicore.org/index.php?t=getfile&id=558&amp> ;

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Sat, 26 Oct 2019 08:45:59 GMT  
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Strange, that's never happened before. I will send you a copy in a private message.

---

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Sat, 14 Dec 2019 12:23:08 GMT  
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At the moment I can create the report header as I wanted as you can see in the attached screen shot.

My problem now is that I have the same value in all columns.

In the `cm_formatData()` method I can collect the data for the row by an array. But how to send them to the report? Is there a possibility such as for the header columns like  
"\$this->dynamic\_column\_headings = array('id' => 'whatever');"?

But I think I do not know how it definitely works. In my report body there is always the same field specified. So it should be always the same value....

```
$structure['body']['fields'][] = array('spiele_anwesenheit_status' => '%%2');  
$structure['body']['fields'][] = array('spiele_anwesenheit_status' => '%%3');  
$structure['body']['fields'][] = array('spiele_anwesenheit_status' => '%%4');  
$structure['body']['fields'][] = array('spiele_anwesenheit_status' => '%%5');
```

### File Attachments

1) [HTM Kaderliste.jpg](#), downloaded 2531 times

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Gegner	B	B	B	B	B	H	H	H	H	J	J
	a	e	e	r	r	a	a	i	o	e	u
	u	r	t	e	u	r	r	n	u	l	n
	s	m	t	n	n	t	t	s	b	i	g
	J	a	n	a	e			e	n	i	D
		n	g	u		J	M	r		c	
		n	e	e	B			g	L		
			r	r				e		S	
	A							r			
		K	J								
								E			
H HSV Püttlingen	0	0	0	0	0	0	0	0	0	0	0
H HSG DJK Marpingen - SC Alsweiler	0	0	0	0	0	0	0	0	0	0	0
H SG TSG/DJK Mainz-Bretzenheim	0	0	0	0	0	0	0	0	0	0	0
H 1. FSV Mainz 05	0	0	0	0	0	0	0	0	0	0	0
H SG Kappelwindeck/Steinbach	0	0	0	0	0	0	0	0	0	0	0
H TSV 1886 Kandel e.V.	0	0	0	0	0	0	0	0	0	0	0
H FSG DJK Oberthal - TuS Hirstein	0	0	0	0	0	0	0	0	0	0	0
A HSG Bensheim/Auerbach	0	0	0	0	0	0	0	0	0	0	0
A SG TSG/DJK Mainz-Bretzenheim	0	0	0	0	0	0	0	0	0	0	0
H HG Saarlouis	0	0	0	0	0	0	0	0	0	0	0
H HSG Wittlich	0	0	0	0	0	0	0	0	0	0	0

Subject: Re: Output2 - Options / 90° cell rotation  
 Posted by [AJM](#) on Sun, 15 Dec 2019 09:03:00 GMT  
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That screenshot shows that you have modified the report headings OK, but when it comes to the data which is shown in each column it is the contents of \$fieldarray which counts. The `_cm_formatData()` method deals with one row at a time which means that \$fieldarray is an associative array of \$fieldname => \$fieldvalue pairs. All you need to do is insert the right

\$fieldvalue for each \$fieldname.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Tue, 31 Dec 2019 17:23:39 GMT  
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I finally got the result that I want. I attached a report. Now there is one thing left which I want to correct. If I generate the names for the heading with "\n" I have problems with the sequence ma. It seems that m . "\n" will cause an empty row as you can see in the report. The other problem are the german characters ä, ö, ü. Can you give me a hint how I can deal with this?

I actually have this code:

```
for ($sp=0; $sp<$stringlaenge; $sp++)
{
    $spielernameoutput = $spielernameoutput . substr($spielername, 0, 1) . "\n";
    $spielername = substr($spielername, 1, $stringlaenge - $sp);
}
```

### File Attachments

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1) [HTM Spielerkader Anwesenheit.pdf](#), downloaded 792 times

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Thu, 02 Jan 2020 07:02:05 GMT  
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I have tried this on my system and the letter "m" followed by "\n" does not output an empty row.  
What font are you using for the column headings?

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---

Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Thu, 02 Jan 2020 08:50:33 GMT  
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I use Times for the column headings.

Here is the pdf.styles.inc entry:

```
$style['hdg_anwesenheit']['font'] = array('family' => 'Times', // Courier, Helvetica, Times
    'style' => "", // blank=Regular, B=Bold, I=Italic, U=Underline
    'size' => 9, // size in points
    'height' => 3.9, // line height in units
    'draw' => .3, // width of drawn lines
```

```
'overflow' => y,      // overflow
'border' => '1',     // position of border lines
'halign' => 'left'; // horizontal text alignment (left, right, center)
```

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Thu, 02 Jan 2020 10:47:22 GMT  
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The letter "m" followed by "\n" does not output an empty row. That is right. It was my fault. The column width was too small! The minimum width must be 7.6 point!

The only problem are now the german special characters as ä, ö and ü.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Tue, 07 Jan 2020 11:01:19 GMT  
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What version of Radicore are you using?

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Wed, 08 Jan 2020 16:52:01 GMT  
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I have updated the version of TCPDF to 6.2.26 and cleared all the deprecations in PHP 7.4. I have tested this on my PC and it correctly deals with accented characters in the column headings. All the changed scripts are in the attached zip file. Try it out and see if it fixes your problem.

#### File Attachments

1) [tcpdf.zip](#), downloaded 684 times

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Wed, 08 Jan 2020 21:29:51 GMT  
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I have the same problem with downloading the zip file as the last time. Could you please send the zip file via eMail?

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Thu, 09 Jan 2020 09:56:29 GMT  
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I have discovered what the problem is when trying to download a file from a hyperlink. There is a bug in the FudForum code which appends an extra '&' at the end of the URL. Simply delete this duff character and try again.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Fri, 10 Jan 2020 17:17:00 GMT  
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I could download the zip file and replaced the files. The result is the same.

But now I cannot access the radicare application anymore. I get the following error message:

```
Fatal Error: No value has been defined for 'https_server' (# 256)  
Error in line 1346 of file '/var/www/vhosts/mgh-saar.de/includes/include.session.inc'.
```

Do I have to change something in config.inc?

My local application in xampp works fine.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [htManager](#) on Fri, 10 Jan 2020 17:59:06 GMT  
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I downloaded version 2.14.0 and installed it. The same result. But you have your config.inc in the zip file.

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Subject: Re: Output2 - Options / 90° cell rotation  
Posted by [AJM](#) on Sat, 11 Jan 2020 10:46:58 GMT  
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I have removed my config.inc from the zip file. I cannot understand why you cannot see accented characters in the report heading as I changed task mnu\_pattern(pdf) to replace the text "Pattern Name" with "äëïöü". You can run this yourself from the demonstration on <https://www.radicore.org/demo/menu/logon.php>

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