

# Redmine - Patch #10464

## Enhanced PDF output for Issues list

2012-03-16 09:26 - Yuri Makarov

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> PDF export	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 1.4.0	
<b>Description</b>	
<b>Improvements:</b>	
1. Automatic calculation of the size of table columns depending on their content. 2. Automatic detection of columns alignment. 3. Output table header on each page.	
<b>Related issues:</b>	
Related to Redmine - Defect # 10554: Defect symbols when exporting tasks in pdf	<b>Closed</b>

### Associated revisions

#### Revision 9246 - 2012-03-20 08:09 - Toshi MARUYAMA

pdf: enhanced issues list (#10464)

- Automatic calculation of the size of table columns depending on their content
- Output table header on each page

Contributed by Yuri Makarov.

### History

#### #1 - 2012-03-16 10:47 - Yuri Makarov

- File *example-1.pdf* added
- File *example-2.pdf* added
- File *example-3.pdf* added

#### #2 - 2012-03-17 06:36 - Toshi MARUYAMA

- File *pdf-r9240.diff* added

This is a patch rebased on trunk r9240.

#### #3 - 2012-03-18 09:02 - Toshi MARUYAMA

- File *issues-pdf-r9244.diff* added

This is a full patch for r9244 which fixes conflict and source indents.

#### #4 - 2012-03-18 09:30 - Toshi MARUYAMA

- File *grouped-issues.pdf* added

- File first-row.png added

Note 3 patch first row of second page height is broken.

first-row.png

#### #5 - 2012-03-18 10:27 - Yuri Makarov

I can't test it now, my Redmine at work.

##### Some comments:

1. Comparing the diff's, I see in my pdf.rb line:

```
cv = issue.custom_values.detect {|v| ...
```

your version should be?:

```
cv = issue.custom_field_values.detect {|v| ...
```

2. Calculate the length of the text in my diff is based on the font page header. This is not correct. It almost does not affect the result, but leads to an increase in long columns of text. To correct this, use in **def calc\_col\_width**:

...

```
# by captions
```

```
pdf.SetFontStyle('B',8)
```

...

```
# by properties of issues
```

```
pdf.SetFontStyle("",8)
```

...

In this case, it may be necessary to add a constant of the column width for padding around the text, such as 5 mm.

**col\_padding = 5**

```
col_width_min = query.columns.map {|v| pdf.GetStringWidth(v.caption) + col_padding}
```

...

```
x = pdf.GetStringWidth(w) + col_padding
```

...

```
n = pdf.GetStringWidth(v.rstrip) + col_padding
```

...

```
x = pdf.GetStringWidth(w) + col_padding
```

#### #6 - 2012-03-18 10:32 - Toshi MARUYAMA

Please create a patch to the **trunk**.

I rebased your patch to the trunk.

#### #7 - 2012-03-18 12:14 - Yuri Makarov

I can make a patch only tomorrow at work.

About first row of second page ..

Change from (about line 333 in trunk):

```
# make new page if it doesn't fit on the current one
space_left = page_height - base_y - bottom_margin
```

```
if max_height > space_left
  pdf.AddPage("L")
  base_x = pdf.GetX
  base_y = pdf.GetY
  render_table_header(pdf, query, col_width, row_height, col_id_width, table_width)
end
```

To:

```
# make new page if it doesn't fit on the current one
space_left = page_height - base_y - bottom_margin
if max_height > space_left
  pdf.AddPage("L")
  render_table_header(pdf, query, col_width, row_height, col_id_width, table_width)
  base_x = pdf.GetX
  base_y = pdf.GetY
end
```

This should fix the result.

**#8 - 2012-03-19 11:37 - Yuri Makarov**

- File pdf-1.diff added

Updated

**#9 - 2012-03-19 23:09 - Terence Mill**

+1

**#10 - 2012-03-20 08:15 - Toshi MARUYAMA**

- File pdf-issues-alignment.diff added

- Status changed from New to Closed

- Target version set to 1.4.0

I committed r9246 to the trunk.

This commit is removed auto alignment.

I attach a patch for auto alignment.

I do not see the reason to change alignment.

## Files

pdf.diff	9.09 KB	2012-03-16	Yuri Makarov
example-1.pdf	17.6 KB	2012-03-16	Yuri Makarov
example-2.pdf	329 KB	2012-03-16	Yuri Makarov

example-3.pdf	14.5 KB	2012-03-16	Yuri Makarov
pdf-r9240.diff	9.98 KB	2012-03-17	Toshi MARUYAMA
issues-pdf-r9244.diff	10.2 KB	2012-03-18	Toshi MARUYAMA
grouped-issues.pdf	416 KB	2012-03-18	Toshi MARUYAMA
first-row.png	13 KB	2012-03-18	Toshi MARUYAMA
pdf-1.diff	9.67 KB	2012-03-19	Yuri Makarov
pdf-issues-alignment.diff	1.54 KB	2012-03-20	Toshi MARUYAMA