Subject: List View page break after additional rows
Posted by gpatti on Mon, 07 Sep 2009 15:20:59 GMT
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Got a tricky problem with forcing a page break at the correct place:

I'm creating a LIST report of people with contact information. I am printing Name and basic information and then want to print the address and other contact info over multiple lines.
I'm using _cm_ListView_pre_print() to construct the additional lines, which are printed after the main line. I'm doing this by taking the data from $prev_row.

The basic report works great. Now, I want to force a page break when the surname initial letter changes alphabetically. The problem is that the page break occurs BEFORE the contact details of the $prev_row are printed.

I need the ability to force the page break after the additional rows are printed, but before $curr_row is printed.

Can you think of a way to solve this?

Thanks,

Graham

Subject: Re: List View page break after additional rows
Posted by AJM on Mon, 07 Sep 2009 22:52:41 GMT
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The only way I can do this is to replace the _cm_ListView_pre_print() method with two alternative methods - _cm_ListView_print_before() and _cm_ListView_print_after(). See the attached file.

Here are some examples of both methods in use:

```
function _cm_ListView_print_before ($prev_row, $curr_row)
// allow extra rows to be created in List View
{
    $output = array();

    if (!empty($prev_row)) {
        // row has changed
        if (substr($prev_row['last_name'], 0, 1) != substr($curr_row['last_name'], 0, 1)) {
         $this->pdf->AddPage();
        } // if
    } // if

    $output[0]['pers_type_desc'] = 'before ' .$curr_row['person_id'];
```

```
        return $output;

    } // _cm_ListView_print_before

    // ********************************************************************************
    function _cm_ListView_print_after ($curr_row)
    // allow extra rows to be created in List View
    {
        $output = array();

        $output[0]['pers_type_desc'] = 'after ' .$curr_row['person_id'];

        return $output;

    } // _cm_ListView_print_after
```

As you can see this allows _cm_ListView_print_before() to call $this->pdf->AddPage() when the first character of the surname/last_name field changes.

NOTE: if your table class contains the old _cm_ListView_pre_print() method then this will be called in preference to the two new methods, so any code which uses the old method will still work and the new methods will not be called.

Try it out and tell me if it does what you want.

File Attachments

1) std.pdf.class.zip, downloaded 1955 times

Subject: Re: List View page break after additional rows
Posted by gpatti on Tue, 08 Sep 2009 09:00:43 GMT
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I'm getting an error

Fatal error: Call to undefined function convertTZdate() in C:\xampp\includes\std.pdf.class.inc on line 1426

Do I need to upgrade to 1.51 to avoid this?

In the meantime I have removed the timezone from the user account to bypass the date conversion and the before and after functionality works perfectly. Thanks.

Graham

Subject: Re: List View page break after additional rows
Posted by AJM on Tue, 08 Sep 2009 09:17:32 GMT
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gpatti wrote on Tue, 08 September 2009 10:00Do I need to upgrade to 1.51 to avoid this?
Yes. Any updated files I supply are always based on the latest version.

Subject: Re: List View page break after additional rows
Posted by gpatti on Tue, 08 Sep 2009 09:43:00 GMT
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Thanks.

In addition to the split of before and afer printing I'd like to suggest an enhancement for the future - to be able (optionally?) to force lines printed before/after $curr_row to be grouped such that a page break does not split them, so they are always printed with their associated row. Do you think this might be feasible?

Subject: Re: List View page break after additional rows
Posted by gpatti on Tue, 08 Sep 2009 12:41:55 GMT
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Tony,

I've moved everyting to v1.51 but I still get the same error message. It seems there is a function convertTZ() in include.general.inc but std.pdf.class.inc is trying to call convertTZdate()

Subject: Re: List View page break after additional rows
Posted by AJM on Tue, 08 Sep 2009 16:44:27 GMT
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gpatti wrote on Tue, 08 September 2009 13:41I've moved everyting to v1.51 but I still get the same error message. It seems there is a function convertTZ() in include.general.inc but std.pdf.class.inc is trying to call convertTZdate()
Whoops! My mistake I'd forgotten that I'd updated include.general.inc AFTER I had released version 1.51, so attached is an up-to-date copy.

File Attachments
1) include.general.zip, downloaded 1972 times

Subject: Re: List View page break after additional rows

Posted by AJM on Tue, 08 Sep 2009 18:24:44 GMT
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gpatti wrote on Tue, 08 September 2009 10:43In addition to the split of before and afer printing I'd like to suggest an enhancement for the future - to be able (optionally?) to force lines printed before/after $curr_row to be grouped such that a page break does not split them, so they are always printed with their associated row. Do you think this might be feasible?
Attached is a new version of 'std.pdf.class.inc' which includes a new function which will return the number of lines remaining on the current page:

$lines_left = $this->pdf->getLinesRemaining();

You can use this to compare against the number of lines required so that you can issue a call to $this->pdf->AddPage() in order to start a new page.

File Attachments
1) std.pdf.class.zip, downloaded 1947 times

Subject: Re: List View page break after additional rows
Posted by gpatti on Tue, 08 Sep 2009 18:26:24 GMT
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That still seems to be the same version of include.general.inc Tony.

Subject: Re: List View page break after additional rows
Posted by AJM on Tue, 08 Sep 2009 23:48:44 GMT
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Trust me to look in the wrong directory! Try the attached version.

File Attachments
1) include.general.zip, downloaded 1894 times

Subject: Re: List View page break after additional rows
Posted by gpatti on Wed, 09 Sep 2009 09:26:49 GMT
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Thanks Tony.

Everything works as required now with all the new functions.

Graham

Subject: Re: List View page break after additional rows
Posted by gpatti on Tue, 29 Sep 2009 10:24:28 GMT
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Tony,

Have noticed that my LIST reports now seem to have an extra blank line printed at the end of the report (last page only).

I'm guessing that may have been introduced with these recent changes. Is not a major issue, but maybe something you want to take a look at.

Graham

Subject: Re: List View page break after additional rows
Posted by AJM on Tue, 29 Sep 2009 11:02:39 GMT
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I have already spotted this, and it will be fixed in the next release (which is due in a few day's time).