Year Book

This script was written to create a YearBook, where each entry must fit on a quarter page. See the result.

```
<?php

// First write all your entries to a PDF file, forcing each entry to fit on one page
include("../mpdf.php");

// Define the maximum containing box width & height for each text box as it will appear on the
final page (no padding or margin here)
$pw = 80;         // Width
$ph = 110;        // Height
$minK = 0.7;      // Maximum scaling factor 0.7 = 70%
$inc = 0.01;      // Increment to change scaling factor 0.05 = 5%
$spacing = 10;    // millimetres (vertically and horizonatlly between boxes in output) shrinks
if boxes too big
$border = 3;      // millimetres round final boxes (-1 for no border)
$align = 'T';     // T(op) or M(iddle) for content of final output boxes

// Only change the first parameter of the next line if required e.g. utf-8
$mpdf = new mPDF('', array(($pw*(1/$minK)),($ph*(1/$minK))), '','', 0,($pw*(1/$minK))-
$pw,0,($ph*(1/$minK))-$ph,0,0);

$pph = array();


// FOR EACH ENTRY FOR YOUR YEARBOOK saving the page height in $pph (where $html is the HTML
code for the entry):
//    $pph[$i] = SinglePage($html, $pw, $ph, $minK);

//================================================================
// .. but we will use this for an example

$html1 = '
<style>
div { text-align: justify; }
</style>
<h2>Joanne Smith 2002-2007</h2><div>This is the normal text in the div: Nulla felis erat,
imperdiet eu, ullamcorper non, nonummy quis, elit. Suspendisse potenti. Ut a eros orci. Morbi
feugiat pulvinar dolor. Cras odio. Donec mattis, nisi id euismod auctor, neque metus
pellentesque, <img src="tiger.wmf" width="100" style="float: right; margin: 4px; " /> risus at
eleifend lacus sapien et risus. Phasellus metus. Phasellus feugiat, lectus ac aliquam molestie,
leo lacus tincidunt turpis, vel aliquam quam odio et sapien. Mauris ante pede, auctor ac,
suscipit quis, malesuada sed,<img src="tiger.jpg" width="100" style="float: left; margin: 4px;
" /> nulla. Integer sit amet odio sit amet lectus luctus euismod. Donec et nulla. Sed quis
orci. </div>
';

$html2 = '
<style>
div { text-align: justify; }
</style>
<h2>Tim Another 2001-2007</h2><div>This is the normal text in the div: Nulla felis erat,
imperdiet eu, ullamcorper non, nonummy quis, elit. Suspendisse potenti. Ut a eros at ligula
vehicula pretium. Maecenas feugiat pede vel risus. et lectus. Fusce eleifend neque sit amet
erat. Integer consectetuer nulla non orci. Morbi feugiat pulvinar dolor. Cras odio. Donec
mattis, nisi id euismod auctor, neque metus pellentesque, <img src="tiger.jpg" width="100"
style="float: right; margin: 4px; " /> risus at eleifend lacus sapien et risus. Phasellus
metus, suscipit quis, malesuada sed, nulla. Integer sit amet odio sit amet lectus luctus
euismod. Donec et nulla. Sed quis orci.  <br />
Morbi feugiat pulvinar dolor. Cras odio. Donec mattis, nisi id euismod auctor, neque metus
pellentesque risus, at eleifend lacus sapien et risus. Phasellus metus. Phasellus feugiat,
lectus ac aliquam molestie, leo lacus tincidunt turpis, vel aliquam quam odio et sapien. Mauris
ante pede, auctor ac, suscipit quis, malesuada sed, nulla. Integer sit amet odio sit amet
lectus luctus euismod. Donec et nulla. Sed quis orci. </div>
';

for($i=1; $i<=10; $i++) {
    // $html = $html;
    if ($i % 3 == 1) { $html = $html2; }
    else { $html = $html1; }
    $pph[$i] = SinglePage($html, $pw, $ph, $minK) ;    // $pph saves the actual height of each
page
}
//================================================================
// Save the pages to a file
$mpdf->Output('test.pdf','F');

// Now collate those pages using mPDFI - 4 pages to one page
include("../mpdfi/mpdfi.php");

$mpdf=new mPDFI();
$mpdf->SetDisplayMode('fullpage');

$mpdf->SetHeader('{DATE j-m-Y}|My Yearbook 2005|{PAGENO}');
$mpdf->SetFooter('|Printed using mPDF|');

$pagecount = $mpdf->SetSourceFile('test.pdf');
for($i=1; $i<=$pagecount; $i++) {
    if ($i % 4 == 1) { $mpdf->AddPage(); }
    $pgheight = $mpdf->h - $mpdf->tMargin - $mpdf->bMargin;
    $hspacing = min($spacing,($mpdf->pgwidth - $pw*2) );
    $vspacing = min($spacing,($pgheight - $ph*2) );
    $x1 = $mpdf->lMargin + ($mpdf->pgwidth/2 - $hspacing/2 - $pw)/2;
    $x2 = $mpdf->lMargin + $mpdf->pgwidth/2 + $hspacing/2 + ($mpdf->pgwidth/2 - $hspacing/2 -
$pw)/2;
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    $y1 = $mpdf->tMargin + ($pgheight /2 - $vspacing/2 - $ph)/2;
    $y2 = $mpdf->tMargin + $pgheight /2 + $vspacing/2 + ($pgheight /2 - $vspacing/2 - $ph)/2;
    if ($i % 4 == 1) { $x = $x1; $y = $y1; }
    else if ($i % 4 == 2) { $x = $x2; $y = $y1; }
    else if ($i % 4 == 3) { $x = $x1; $y = $y2; }
    else if ($i % 4 == 0) { $x = $x2; $y = $y2; }
    $tplIdx = $mpdf->ImportPage($i, 0,0,$pw,$pph[$i]);

    if ($align=='T') { $mpdf->UseTemplate($tplIdx, $x, $y, $pw, $pph[$i]); }
    else { $mpdf->UseTemplate($tplIdx, $x, ($y + (($ph - $pph[$i])/2)), $pw, $pph[$i]); }

    if ($border >= 0) { $mpdf->Rect($x-$border, $y-$border, $pw+2*$border, $ph+2*$border); }
}

$mpdf->Output();

exit;

//==============================================================
function SinglePage($html, $pw, $ph, $minK=1, $inc=0.1) {
// returns height of page
global $mpdf;
    $mpdf->AddPage('','','','','','',($mpdf->w - $pw),'',($mpdf->h - $ph),0,0);
    $k = 1;

    $currpage = $mpdf->page;
    $mpdf->WriteHTML($html);

    $newpage = $mpdf->page;
    while($currpage != $newpage) {
        for($u=0;$u<=($newpage-$currpage);$u++) {
            // DELETE PAGE - the added page
            unset($mpdf->pages[$mpdf->page]);
            if ($mpdf->ktAnnots[$mpdf->page]) { unset( $mpdf->ktAnnots[$mpdf->page] ); }
            if ($mpdf->tbrot_Annots[$mpdf->page]) { unset( $mpdf->tbrot_Annots[$mpdf->page] );
}
            if ($mpdf->kwt_Annots[$mpdf->page]) { unset( $mpdf->kwt_Annots[$mpdf->page] ); }
            if ($mpdf->PageAnnots[$mpdf->page]) { unset( $mpdf->PageAnnots[$mpdf->page] ); }
            if ($mpdf->ktBlock[$mpdf->page]) { unset( $mpdf->ktBlock[$mpdf->page] ); }
            if ($mpdf->PageLinks[$mpdf->page]) { unset( $mpdf->PageLinks[$mpdf->page] ); }
            if ($mpdf->pageoutput[$mpdf->page]) { unset( $mpdf->pageoutput[$mpdf->page] ); }
            // Go to page before  - so can addpage
            $mpdf->page--;
        }
        // mPDF 2.4 Float Images
        if (count($mpdf->floatbuffer)) {
            $mpdf->objectbuffer[] = $mpdf->floatbuffer['objattr'];
            $mpdf->printobjectbuffer(false);
            $mpdf->objectbuffer = array();
            $mpdf->floatbuffer = array();
            $mpdf->float = false;
        }


        $k += $inc;
        if ((1/$k) < $minK) { die("Page no. ".$mpdf->page." is too large to fit"); }
        $w = $pw * $k;
        $h = $ph * $k;
        $mpdf->_beginpage('','',($mpdf->w - $w),'',($mpdf->h - $h));
        $currpage = $mpdf->page;

        $mpdf->_out('2 J');
        $mpdf->_out(sprintf('%.2f w',0.1*$mpdf->k));
        $mpdf->SetFont($mpdf->default_font,'',$mpdf->default_font_size ,true,true);    //
forces write
        $mpdf->SetDrawColor(0);
        $mpdf->SetFillColor(255);
        $mpdf->SetTextColor(0);
        $mpdf->ColorFlag=false;

        // Start Transformation
        $mpdf->StartTransform();
        $mpdf->transformScale((100/$k), (100/$k), 0, 0);

        $mpdf->WriteHTML($html);

        $newpage = $mpdf->page;

        //Stop Transformation
        $mpdf->StopTransform();
    }
    return ($mpdf->y / $k);
}
?>
```

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