

## REPORTES UTILIZANDO LA CLASE FPDF

### BASE DE DATOS

```
CREATE TABLE IF NOT EXISTS `consultas_medicas` (
  `id_consulta` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `fecha_consulta` date NOT NULL,
  `id_paciente` int(5) NOT NULL,
  `id_medico` int(5) NOT NULL,
  `consultorio` varchar(20) NOT NULL,
  `diagnostico` text NOT NULL,
  PRIMARY KEY (`id_consulta`),
  UNIQUE KEY `id_consulta` (`id_consulta`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 ;
```

```
INSERT INTO `consultas_medicas` (`id_consulta`, `fecha_consulta`, `id_paciente`, `id_medico`,
`consultorio`, `diagnostico`) VALUES
(1, '2010-04-14', 1, 3, 'B-05', 'DIARREA CRONICA'),
(2, '2010-05-11', 1, 1, 'A-09', 'REVISION MENSUAL'),
(3, '2010-06-17', 2, 2, 'B-06', 'dfsdf fgdfg'),
(4, '2010-07-18', 1, 3, 'D90', 'dfsdf fgdfg'),
(5, '2010-08-19', 1, 2, 'Z11', 'dfsdf fgdfg');
```

```
CREATE TABLE IF NOT EXISTS `medicos` (
  `id_medico` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `cedula` varchar(10) NOT NULL,
  `nombre_medico` varchar(200) NOT NULL,
  PRIMARY KEY (`id_medico`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=4 ;
```

## REPORTES CLASE FPDF

```
INSERT INTO `medicos` (`id_medico`, `cedula`, `nombre_medico`) VALUES
(1, 'DJ123456', 'Dr. Damesio John'),
(2, 'DD654123', 'Dr. Dianey Martinez'),
(3, 'QG5MX4567', 'Dr. John Cena');
```

```
CREATE TABLE IF NOT EXISTS `pacientes` (
  `id_paciente` bigint(20) unsigned NOT NULL AUTO_INCREMENT,
  `clave` varchar(10) NOT NULL,
  `nombre` varchar(80) NOT NULL,
  `apellido_paterno` varchar(80) NOT NULL,
  `apellido_materno` varchar(80) NOT NULL,
  `sexo` varchar(2) NOT NULL,
  `domicilio` text NOT NULL,
  PRIMARY KEY (`id_paciente`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=3 ;
```

```
INSERT INTO `pacientes` (`id_paciente`, `clave`, `nombre`, `apellido_paterno`, `apellido_materno`,
`sexo`, `domicilio`) VALUES
(1, 'JULL2010AB', 'Juan', 'Lopez', 'Lopez', 'M', 'av. del lago #240'),
(2, 'OLPP2010AB', 'Olivia', 'Perez', 'Perez', 'F', 'Av. las rosas sin numero.');
```

## CONEXION.PHP

```

<?php
class DB{
    var $conect;
    var $BaseDatos;
    var $Servidor;
    var $Usuario;
    var $Clave;
    function DB(){
        $this->BaseDatos = "clinica";
        $this->Servidor = "localhost";
        $this->Usuario = "root";
        $this->Clave = "";
    }
    function conectar() {
        if(!($con=@mysql_connect($this->Servidor,$this->Usuario,$this->Clave)){
            echo"<h1> [:(] Error al conectar a la base de datos</h1>";
            exit();
        }
        if (!@mysql_select_db($this->BaseDatos,$con)){
            echo "<h1> [:(] Error al seleccionar la base de datos</h1>";
            exit();
        }
        $this->conect=$con;
        return true;
    }
}
?>

```

## INDEX.PHP

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
  <title>Pacientes</title>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<div id="content">

<h1>Pacientes</h1>

<hr />

<?php
  include_once("conexion.php");

  $con = new DB;
  $pacientes = $con->conectar();

  $strConsulta = "SELECT id_paciente, clave, nombre, apellido_paterno, apellido_materno
from pacientes";

  $pacientes = mysql_query($strConsulta);

  $numfilas = mysql_num_rows($pacientes);
```

## REPORTES CLASE FPDF

```
echo '<table cellpadding="0" cellspacing="0" width="100%">';
echo
'<thead><tr><td>No.</td><td>CLAVE</td><td>NOMBRE</td><td>HISTORIAL</td></tr></thead>';
for ($i=0; $i<$numfilas; $i++)
{
    $fila = mysql_fetch_array($pacientes);
    $numlista = $i + 1;
    echo '<tr><td>.$numlista.</td>';
    echo '<td>.$fila['clave'].</td>';
    echo '<td>.$fila['nombre']. '$fila['apellido_paterno']. '$fila['apellido_materno'].</td>';
    echo '<td><a
href="reporte_historial.php?id='.$fila['id_paciente'].'">ver</a></td></tr>';
}
echo "</table>";
?>

</div>
</body>
</html>
```

## REPORTE\_HISTORIAL.PHP

```
<?php
```

```
require('fpdf/fpdf.php');
```

```
require('conexion.php');
```

```
class PDF extends FPDF
```

```
{
```

```
var $widths;
```

```
var $aligns;
```

```
function SetWidths($w)
```

```
{
```

```
    //Set the array of column widths
```

```
    $this->widths=$w;
```

```
}
```

```
function SetAligns($a)
```

```
{
```

```
    //Set the array of column alignments
```

```
    $this->aligns=$a;
```

```
}
```

```
function Row($data)
```

```
{
```

```
    //Calculate the height of the row
```

```
    $nb=0;
```

```
    for($i=0;$i<count($data);$i++)
```

```
        $nb=max($nb,$this->NbLines($this->widths[$i],$data[$i]));
```

```

$h=5*$nb;

//Issue a page break first if needed
$this->CheckPageBreak($h);

//Draw the cells of the row
for($i=0;$i<count($data);$i++)
{
    $w=$this->widths[$i];
    $a=isset($this->aligns[$i]) ? $this->aligns[$i] : 'L';
    //Save the current position
    $x=$this->GetX();
    $y=$this->GetY();
    //Draw the border

    $this->Rect($x,$y,$w,$h);

    $this->MultiCell($w,5,$data[$i],0,$a,'true');
    //Put the position to the right of the cell
    $this->SetXY($x+$w,$y);
}
//Go to the next line
$this->Ln($h);
}

function CheckPageBreak($h)
{
    //If the height h would cause an overflow, add a new page immediately
    if($this->GetY()+$h>$this->PageBreakTrigger)
        $this->AddPage($this->CurOrientation);
}

```

}

function NbLines(\$w,\$txt)

{

//Computes the number of lines a MultiCell of width w will take

\$cw=&\$this->CurrentFont['cw'];

if(\$w==0)

    \$w=\$this->w-\$this->rMargin-\$this->x;

\$wmax=(\$w-2\*\$this->cMargin)\*1000/\$this->FontSize;

\$s=str\_replace("\r","",\$txt);

\$nb=strlen(\$s);

if(\$nb>0 and \$s[\$nb-1]=="\n")

    \$nb--;

\$sep=-1;

\$i=0;

\$j=0;

\$l=0;

\$nl=1;

while(\$i<\$nb)

{

    \$c=\$s[\$i];

    if(\$c=="\n")

    {

        \$i++;

        \$sep=-1;

        \$j=\$i;

        \$l=0;

        \$nl++;

```
        continue;
    }
    if($c==' ')
        $sep=$i;
    $l+=$cw[$c];
    if($l>$wmax)
    {
        if($sep==-1)
        {
            if($i==$j)
                $i++;
        }
        else
            $i=$sep+1;
        $sep=-1;
        $j=$i;
        $l=0;
        $nl++;
    }
    else
        $i++;
}
return $nl;
}

function Header()
{
```

## REPORTES CLASE FPDF

```
$this->SetFont('Arial','',10);  
$this->Text(20,14,'Historial clinico',0,'C', 0);  
$this->Ln(30);  
}
```

```
function Footer()
```

```
{  
    $this->SetY(-15);  
    $this->SetFont('Arial','B',8);  
    $this->Cell(100,10,'Historial medico',0,0,'L');  
}  
  
}
```

```
$paciente= $_GET['id'];
```

```
$con = new DB;
```

```
$pacientes = $con->conectar();
```

```
$strConsulta = "SELECT * from pacientes where id_paciente = '$paciente'";
```

```
$pacientes = mysql_query($strConsulta);
```

```
$fila = mysql_fetch_array($pacientes);
```

```
$pdf=new PDF('L','mm','Letter');
```

```
$pdf->Open();
```

```
$pdf->AddPage();
```

## REPORTES CLASE FPDF

```
$pdf->SetMargins(20,20,20);
$pdf->Ln(10);

$pdf->SetFont('Arial','',12);
$pdf->Cell(0,6,'Clave: '.$fila['clave'],0,1);
    $pdf->Cell(0,6,'Nombre: '.$fila['nombre'].' '.$fila['apellido_paterno'].'
'.$fila['apellido_materno'],0,1);
    $pdf->Cell(0,6,'Sexo: '.$fila['sexo'],0,1);
    $pdf->Cell(0,6,'Domicilio: '.$fila['domicilio'],0,1);

$pdf->Ln(10);

$pdf->SetWidths(array(65, 60, 55, 50, 20));
$pdf->SetFont('Arial','B',10);
$pdf->SetFillColor(85,107,47);
$pdf->SetTextColor(255);

    for($i=0;$i<1;$i++)
    {
        $pdf->Row(array('FECHA', 'MEDICO', 'CONSULTORIO',
'DIAGNOSTICO'));
    }

$historial = $con->conectar();

$strConsulta = "SELECT consultas_medicas.fecha_consulta, consultas_medicas.consultorio,
consultas_medicas.diagnostico, medicos.nombre_medico
FROM consultas_medicas
Inner Join pacientes ON consultas_medicas.id_paciente = pacientes.id_paciente
Inner Join medicos ON consultas_medicas.id_medico = medicos.id_medico
```

## REPORTES CLASE FPDF

```
WHERE pacientes.id_paciente = '$paciente';

$historial = mysql_query($strConsulta);
$numfilas = mysql_num_rows($historial);

for ($i=0; $i<$numfilas; $i++)
    {
        $fila = mysql_fetch_array($historial);
        $pdf->SetFont('Arial',"",10);

        if($i%2 == 1)
        {
            $pdf->SetFillColor(153,255,153);
            $pdf->SetTextColor(0);
            $pdf->Row(array($fila['fecha_consulta'], $fila['nombre_medico'],
$fila['consultorio'], $fila['diagnostico']));
        }
        else
        {
            $pdf->SetFillColor(102,204,51);
            $pdf->SetTextColor(0);
            $pdf->Row(array($fila['fecha_consulta'], $fila['nombre_medico'],
$fila['consultorio'], $fila['diagnostico']));
        }
    }

$pdf->Output();
?>
```

## STYLE.CSS

```
body {  
    background: #EEE;  
    font-family: "Trebuchet MS", Verdana, Arial, sans-serif;  
    font-size: 14px;  
    line-height: 1.6;  
}
```

```
#content {  
    width: 750px;  
    margin: 50px auto;  
    padding: 20px;  
    background: #FFF;  
    border: 1px solid #CCC;  
}
```

```
h1 {  
    margin: 0;  
}
```

```
hr {  
    border: none;  
    height: 1px; line-height: 1px;  
    background: #CCC;  
    margin-bottom: 20px;  
    padding: 0;  
}
```

```
p {  
    margin: 0;  
    padding: 7px 0;  
}
```

```
.clear {  
    clear: both;  
    line-height: 1px;  
    font-size: 1px;  
}
```

```
a {  
    outline-color: #888;  
}
```

```
table {  
    background:#F2F6F6;  
    margin-bottom:30px;  
    width:100%;  
}  
table thead {  
    background:#444;  
    color:#eff4f4;  
    font-weight:bold;  
    text-transform:uppercase;  
    font-family:"Myriad Pro", Verdana, Arial;  
    font-size:15px;  
    letter-spacing:-1px;
```

## REPORTES CLASE FPDF

```
        text-align:left;
    }
table th,
table td {
    padding:10px;
    border-bottom:1px solid #F0F0F0;
    vertical-align:text-top;
}
```