

Web dizajn i programiranje

Prof. dr.sc. Dragutin Kermek
Sveučilište u Zagrebu
Fakultet organizacije i informatike
Pavlinska 2, Varaždin 42000
dkermek@foi.hr

23. dio

Programiranje na strani poslužitelja

Smarty predlošci
XML, SAX, DOM, XSL, XSLT, RSS
PDF, Grafika



PDF

Generiranje izlaznih datoteka u raznim formatim kao što je PDF (i Excell, CSV i sl) postaje sve poželjnije zbog jednostavnijeg ispisa, odlaganja i sl.

PHP podržava generiranje PDF datoteke nakon podešavanja konfiguracijske datoteke **php.ini**

```
extension=php_pdf.dll
```

Postoji veliki skup funkcija za rad s elementima PDF datoteke, od tekstualnog do grafičkog oblika.

Postoji više PDF biblioteka za PHP.



pdf_1.php

```
<?php
$p = PDF_new();

/* open new PDF file; insert a file name to create the PDF on disk */
if (PDF_begin_document($p, "", "") == 0) {
    die("Error: " . PDF_get_errmsg($p));
}

PDF_set_info($p, "Creator", "pdf_1.php");
PDF_set_info($p, "Author", "Rainer Schaaf");
PDF_set_info($p, "Title", "Hello world (PHP)!");

PDF_begin_page_ext($p, 595, 842, "");

$font = PDF_load_font($p, "Helvetica-Bold", "winansi", "");

PDF_setfont($p, $font, 24.0);
PDF_set_text_pos($p, 50, 700);
PDF_show($p, "Hello world!");
PDF_continue_text($p, " (says PHP)");
PDF_end_page_ext($p, "");

PDF_end_document($p, "");
```

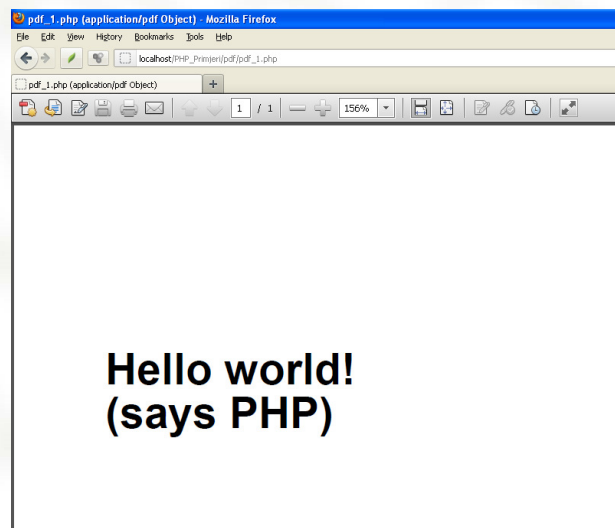


pdf_1.php

```
$buf = PDF_get_buffer($p);  
$len = strlen($buf);  
  
header("Content-type: application/pdf");  
header("Content-Length: $len");  
header("Content-Disposition: inline; filename=pdf_1.pdf");  
print $buf;  
  
PDF_delete($p);  
?>
```



pdf_1.php / 2.



pdf_2.php

```
<?php
$vrijeme = date("d.m.Y H:i:s");

$dbc = mysql_connect("localhost", "PzaWeb2004", "FOI") or die('Ne mogu
uspostaviti vezu na bazu.');
```

```
$baza = 'PzaWeb2004_test';
$db = mysql_select_db($baza, $dbc) or die("Nemam dozvolu pristupa bazi $baza.");
$rs = mysql_query("select maticni_broj, prezime, ime, email_adresa FROM POLAZNICI
ORDER BY prezime, ime");

if(! $rs) {
    echo "Problem kod SQL upita";
    exit;
}
```



pdf_2.php / 2.

```
$p = PDF_new();

/* open new PDF file; insert a file name to create the PDF on disk */
if (PDF_begin_document($p, "", "") == 0) {
    die("Error: " . PDF_get_errmsg($p));
}

PDF_set_info($p, "Creator", "pdf_1.php");
PDF_set_info($p, "Author", "Rainer Schaaf");
PDF_set_info($p, "Title", "Hello world (PHP!)");

PDF_begin_page_ext($p, 595, 842, "");

$font = PDF_load_font($p, "Helvetica-Bold", "winansi", "");
PDF_setfont($p, $font, 20.0);
PDF_set_text_pos($p, 50, 800);
PDF_show($p, "Web dizajn i programiranje - " . $vrijeme);

$pozicija = 720;
$broj = 1;
$velicina = 20;
$razmak = 0;
PDF_setfont($p, $font, 14.0);
PDF_set_text_pos($p, 50, $pozicija);
```



pdf_2.php / 3.

```
while (list($maticni_broj, $prezime, $ime, $email_adresa) = mysql_fetch_row($rs))
{
    $razmak = (($broj++) * $velicina) + 10;
    PDF_show($p, $prezime . " " . $ime);
    PDF_set_text_pos($p, 50, $pozicija - $razmak);
}

PDF_end_page_ext($p, "");
PDF_end_document($p, "");

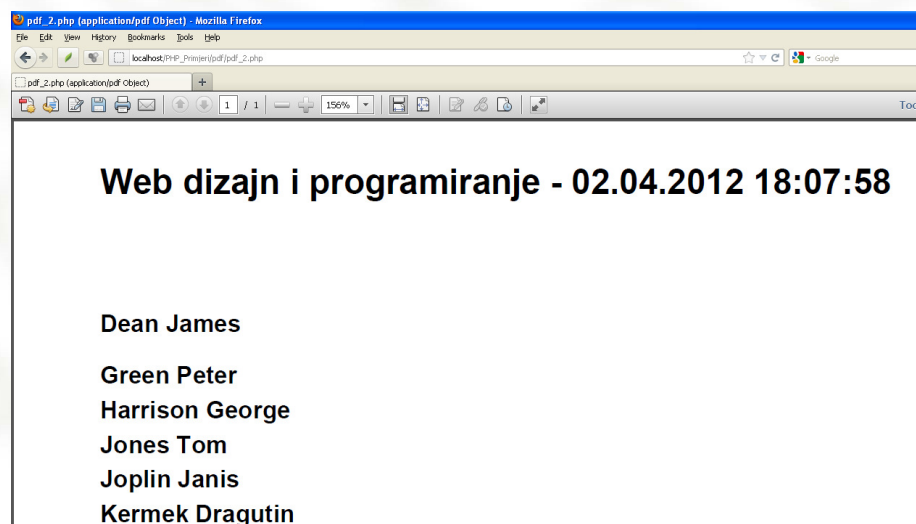
$buf = PDF_get_buffer($p);
$len = strlen($buf);

header("Content-type: application/pdf");
header("Content-Length: $len");
header("Content-Disposition: inline; filename=pdf_1.pdf");
print $buf;

PDF_delete($p);
?>
```



pdf_2.php / 4.



Grafika

Generiranje grafičkih datoteka u raznim formatim kao što je jpeg (GIF i sl) postaje sve poželjnije zbog boljih prezentacijskih osobina i sl.

PHP podržava generiranje grafičkih datoteka/prikaza nakon podešavanja konfiguracijske datoteke **php.ini**

extension=php_gd2.dll

Postoji veliki skup dodatnih klasa za rad s grafičkim prikazima, kao što su stupčani ili pita.

Najčešće ih treba tražiti, pronaći, istražiti, preuzeti, upoznati i na kraju koristiti.



bar_1.php

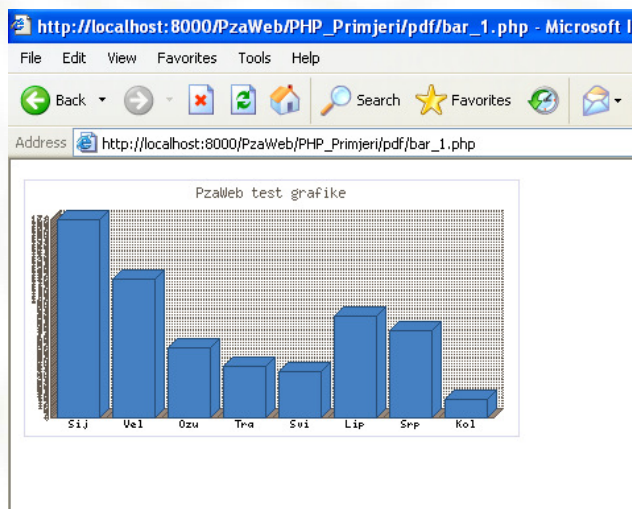
```
<?php
    include "class.bargraph.php";

    srand((float) microtime() * 10000000);
    $x = array('Sij', 'Vel', 'Ozu', 'Tra', 'Svi', 'Lip', 'Srp', 'Kol');
    $data = array();
    for ($i = 0; $i < 7; $i++) {
        $data[$x[$i]] = rand(1, 200);
    }
    $g = new BarGraph();
    $g->SetGraphAreaHeight(150);
    $g->SetGraphPadding(20, 30, 20, 15);
    $g->SetBarData($data);
    $g->SetGraphTitle("PzaWeb test grafike");

    $g->DrawGraph();
?>
```



bar_1.php / 2.



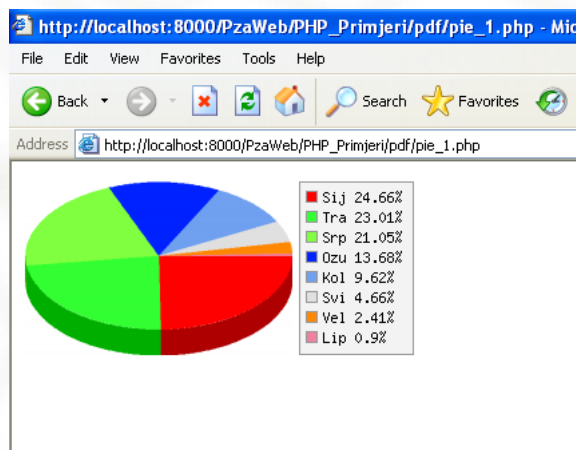
pie_1.php

```
<?php
    include "piegraph.class.php";

    srand((float) microtime() * 10000000);
    $legend = array('Sij', 'Vel', 'Ožu', 'Tra', 'Svi', 'Lip', 'Srp',
    'Kol');
    $color = array('#ff0000', '#ff8800', '#0022ff', '#33ff33', '#e0e0e0',
    '#f080a0', '#80ff40', '#70a0f0');
    $data = array();
    for ($i = 0; $i < 8; $i++) {
        $data[$i] = rand(1, 200);
    }
    $pie = new PieGraph(200, 100, $data);
    $pie->setColors($color);
    $pie->setLegends($legend);
    $pie->set3dHeight(15);
    $pie->display();
?>
```



pie_1.php / 2.



Korištena i dodatna literatura

- <http://pear.php.net/package/DB>
- <http://www.aditus.nu/jpgraph/jpdownload.php>
- <http://www.phpclasses.org/browse/package/1567.html>
- <http://www.phpclasses.org/browse/package/2274.html>

