

# Web Development 2



Departamento de Lenguajes y  
Sistemas Informáticos



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# Basic examples in PHP

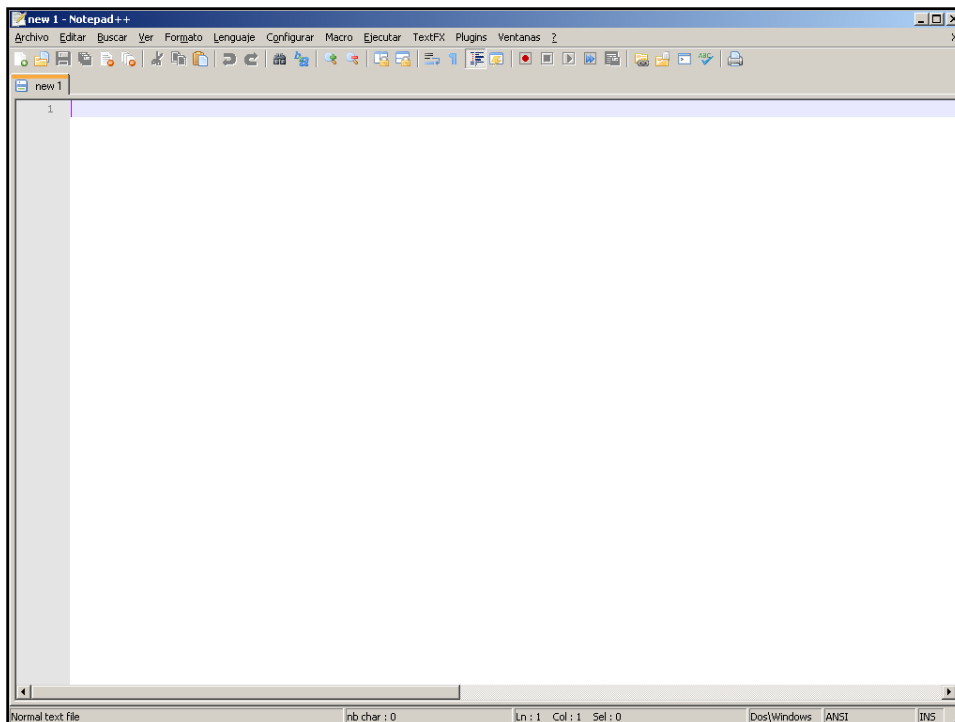
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## PHP editor

- Notepad++:
  - <http://notepad-plus.sourceforge.net/es/site.htm>
- Free editor for: C, C++, C#, Java, XML, HTML, CSS, Perl, PHP, etc.
- Main features: syntax highlight, auto completion, syntax wrapper, etc.



## Web Development 2

# Execute PHP from the command line

- PHP can be executed from the command line:
  - `php nombreFichero.php`
- `php -i`: executes `phpinfo()`
  - Important information in case of errors
  - Shows configuration values

## Web Development 2

```
Símbolo del sistema - php -i
D:\Profe\Cursos\2008\Dip-PHP-MySQL\Ejemplos>php -i
phpinfo()
PHP Version => 5.2.3

System => Windows NT SLUJANP0R3 5.1 build 2600
Build Date => Jun 17 2007 11:03:37
Configure Command => cscript /nologo configure.js "--enable-prefix=C:\cygwin\temp\build.core-php-nts-5.2.3.3580\core-php-nts-5.2.3\php-5.2.3\." "--enable-memory-limit" "--with-openssl=C:\cygwin\temp\build.core-php-nts-5.2.3.3580\core-php-nts-5.2.3\php-5.2.3\." "--with-extra-includes=C:\cygwin\temp\build.core-php-nts-5.2.3.3580\core-php-nts-5.2.3\php-5.2.3\usr\include" "--with-extra-libs=C:\cygwin\temp\build.core-php-nts-5.2.3.3580\core-php-nts-5.2.3\php-5.2.3\usr\lib" "--disable-ipv6" "--disable-bcmath" "--disable-calendar" "--disable-ftp" "--without-gd" "--disable-odbc" "--without-sqlite" "--disable-tokenizer" "--with-libxml" "--with-iconv" "--disable-force-cgi-redirect" "--enable-fastcgi" "--enable-cli-win32" "--enable-pdo" "--disable-zts" "--disable-xmlwriter"
Server API => Command Line Interface
Virtual Directory Support => disabled
Configuration File (php.ini) Path => C:\WINDOWS
Loaded Configuration File => C:\Archivos de programa\Zend\Core\etc\php.ini
PHP API => 20041225
PHP Extension => 20060613
Zend Extension => 220060519
Debug Build => no
Thread Safety => disabled
Zend Memory Manager => enabled
IPv6 Support => disabled
Registered PHP Streams => https, ftps, php, file, data, http, ftp, compress.zlib

Registered Stream Socket Transports => tcp, udp, ssl, sslv3, sslv2, tls
Registered Stream Filters => convert.iconv.*, string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, zlib.*

This program makes use of the Zend Scripting Language Engine:
Zend Engine v2.2.0, Copyright (c) 1998-2007 Zend Technologies
with Zend Core v2.0.1, Copyright (c) 1998-2006, by Zend Technologies
```

## Web Development 2

# Hello world!

- Different methods to show a message: echo, print y printf

```
<?php
echo "Hello Alicante";
echo "Hello Spain\n";
echo "Hello World\n";
echo 'Hello Universe\n';

echo "\n";

print "Hello Alicante";
print "Hello Spain\n";
print "Hello World\n";
print 'Hello Universe\n';
?>
```

## Web Development 2

# if/else

- Basic conditional structure:

```
<?php
$ahora = getdate();
if($ahora["hours"] < 7)
    echo "It is not time to be awake\n";
else if($ahora["hours"] < 13)
    echo "It is time to work\n";
else if($ahora["hours"] < 16)
    echo "It is time to have lunch\n";
else if($ahora["hours"] < 20)
    echo "It is time to work\n";
else if($ahora["hours"] < 23)
    echo "It is time to have dinner\n";
else
    echo "It is time to sleep\n";
?>
```

## Web Development 2

# for

- Access to the parameters:
  - \$argc: number of parameters
  - \$argv: string array with parameters

```
<?php
if($argc != 3)
{
    echo "Use: ${argv[0]} n1 n2\n";
    exit;
}
echo "Even numbers between {$argv[1]} and {$argv[2]}:\n";
for($i = $argv[1]; $i <= $argv[2]; $i++)
    if($i % 2 == 0)
        echo " $i ";
?>
```

## Web Development 2

# for

- Loop an array:

```
<?php
$expenses = array(12, 45, 10, 25);

$total = 0;
for($i = 0; $i < count($expenses); $i++)
    $total += $expenses[$i];

echo "Total $total\n";
echo "Average " . ($total / $i);
?>
```