

### PHP Array Functions

array\_diff (arr1, arr2 ...)  
 array\_filter (arr, function)  
 array\_flip (arr)  
 array\_intersect (arr1, arr2 ...)  
 array\_merge (arr1, arr2 ...)  
 array\_pop (arr)  
 array\_push (arr, var1, var2 ...)  
 array\_reverse (arr)  
 array\_search (needle, arr)  
 array\_walk (arr, function)  
 count (count)  
 in\_array (needle, haystack)

### PHP String Functions

crypt (str, salt)  
 explode (sep, str)  
 implode (glue, arr)  
 nl2br (str)  
 sprintf (fmt, args)  
 strip\_tags (str, allowed\_tags)  
 str\_replace (search, replace, str)  
 strpos (str, needle)  
 strrev (str)  
 strstr (str, needle)  
 strtolower (str)  
 strtoupper (str)  
 substr (string, start, len)

### PHP Filesystem Functions

clearstatcache ()  
 copy (source, dest)  
 fclose (handle)  
 fgets (handle, len)  
 file (file)  
 filemtime (file)  
 filesize (file)  
 file\_exists (file)  
 fopen (file, mode)  
 fread (handle, len)  
 fwrite (handle, str)  
 readfile (file)

### PHP Date and Time Functions

checkdate (month, day, year)  
 date (format, timestamp)  
 getdate (timestamp)  
 mktime (hr, min, sec, month, day, yr)  
 strftime (formatstring, timestamp)  
 strtotime (str)  
 time ()

### PHP Regular Expressions Functions

ereg (pattern, str)  
 split (pattern, str)  
 ereg\_replace (pattern, replace, str)  
 preg\_grep (pattern, arr)  
 preg\_match (pattern, str)  
 preg\_match\_all (pattern, str, arr)  
 preg\_replace (pattern, replace, str)  
 preg\_split (pattern, str)

### Regular Expressions Syntax

^	Start of string
\$	End of string
.	Any single character
(a b)	a or b
(...)	Group section
[abc]	In range (a, b or c)
[^abc]	Not in range
\s	White space
a?	Zero or one of a
a*	Zero or more of a
a*?	Zero or more, ungreedy
a+	One or more of a
a+?	One or more, ungreedy
a{3}	Exactly 3 of a
a{3,}	3 or more of a
a{,6}	Up to 6 of a
a{3,6}	3 to 6 of a
a{3,6}?	3 to 6 of a, ungreedy
\	Escape character
[:punct:]	Any punctuation symbol
[:space:]	Any space character
[:blank:]	Space or tab

There's an excellent regular expression tester at: <http://regexpal.com/>

### Pattern Modifiers

g	Global match
i *	Case-insensitive
m *	Multiple lines
s *	Treat string as single line
x *	Allow comments and whitespace in pattern



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### Pattern Modifiers (cont)

e \* Evaluate replacement

U \* Ungreedy pattern

\* PCRE modifier

### PHP fopen() Modes

r Read

r+ Read and write, prepend

w Write, truncate

w+ Read and write, truncate

a Write, append

a+ Read and write, append

### PHP Date Formatting

Y 4 digit year (2008)

y 2 digit year (08)

F Long month (January)

M Short month (Jan)

m Month <sup>4</sup> (01 to 12)

n Month (1 to 12)

D Short day name (Mon)

l Long day name (Monday) (lowercase L)

d Day <sup>4</sup> (01 to 31)

j Day (1 to 31)

h 12 Hour <sup>4</sup> (01 to 12)

g 12 Hour (1 to 12)

H 24 Hour <sup>4</sup> (00 to 23)

G 24 Hour (0 to 23)

i Minutes <sup>4</sup> (00 to 59)

s Seconds <sup>4</sup> (00 to 59)

w Day of week <sup>1</sup> (0 to 6)

z Day of year (0 to 365)

W Week of year <sup>2</sup> (1 to 53)

### PHP Date Formatting (cont)

t Days in month (28 to 31)

a am or pm

A AM or PM

B Swatch Internet Time (000 to 999)

S Ordinal Suffix (st, nd, rd, th)

T Timezone of machine (GMT)

Z Timezone offset (seconds)

O GMT offset (hours) (+0200)

l Daylight saving (1 or 0)

L Leap year (1 or 0)

U Seconds since Epoch <sup>3</sup>

c ISO 8601 (PHP 5) (2008-07-31T18:30:13+01:00)

r RFC 2822 (Thu, 31 Jul 2008 18:30:13 +0100)

<sup>1</sup> 0 is Sunday, 6 is Saturday.

<sup>2</sup> Week that overlaps two years belongs to year that contains most days of that week. Hence week number for 1st January of a given year can be 53 if week belongs to previous year. `date("W", mktime(0, 0, 0, 12, 8, $year))` always gives correct number of weeks in \$year.

<sup>3</sup> The Epoch is the 1st January 1970.

<sup>4</sup> With leading zeroes



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