

### 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



By **Dave Child** (DaveChild)  
[cheatography.com/davechild/](http://cheatography.com/davechild/)  
[aloneonahill.com](http://aloneonahill.com)

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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)
I	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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