## 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...)
array_reverse(arr)
array_search(needle, arr)
array_walk(arr, function)
count(arr)
in_array(needle, arr)

## Date + Time

checkdate(m, d, y)
date(format, timestamp)
getdate(timestamp)
mktime (h, min, s, m, d, yr)
strftime(format, tmstmp)
strtotime(str)
time()

## Filesystem

clearstatcache()
copy(source, destination)
fclose(handle)
fgets(handle, length)
file(file)
filemtime(file)
filesize(file)
file_exists(file)
file_get_contents(file)
fopen(file, mode)
fread(handle, length)
fwrite(handle, str)
readfile(file)

## Shell

escapeshellcmd(cmnd)
exec(command)
shell_exec(command)
system(command)

## Session

session_destroy()
session_id()
session_start()
session_regenerate_id()
session_unset()

## Miscellaneous

set_time_limit(seconds)
ini_set(setting, value)

## Regex Syntax (POSIX)

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

## PCRE Modifiers

| | |
|---|---|
| i | Case-insensitive |
| s | Period matches new line |
| m | ^ and $ match lines |
| U | Ungreedy matching |
| e | Evaluate replacement |
| x | Pattern over several lines |

## Useful Global variables

$_SERVER['DOCUMENT_ROOT']
$_SERVER['REQUEST_METHOD']
$_SERVER['REQUEST_TIME']
$_SERVER['QUERY_STRING']
$_SERVER['HTTP_REFERER']
$_SERVER['HTTP_USER_AGENT']
$_SERVER['REMOTE_ADDR']
$_SERVER['REQUEST_URI']

## 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 |

## Comparison Operators

| | |
|---|---|
| != | Not equal |
| == | Equal |
| === | Identical |
| !== | Not Identical |
| >= | More than or equal |
| <= | Less than or equal |
| > | More than |
| < | Less than |

## Date Formatting

### Day

| | | |
|---|---|---|
| D | Short textual day | Fri |
| l | Long textual day | Friday |
| d | Day  [leading zeros] | 01 to 31 |
| J | Day | 1 to 31 |
| w | Day of week * | 0 to 6 |
| z | Day of year | 0 to 365 |
| S | Ordinal Suffix | st, nd, td, th |
| N | ISO-8601 numeric | 1 (Mon) - 7 (Sunday) |

### Week

| | | |
|---|---|---|
| W | Week of year ** | 1 to 53 |

### Month

| | | |
|---|---|---|
| F | Long textual month | January |
| M | Short textual month | Jan |
| m | Month [leading zeros] | 01 to 12 |
| n | Month | 1 to 12 |
| t | No. days in current month | 28 to 31 |

### Year

| | | |
|---|---|---|
| Y | 4 digit year | 2008 |
| y | 2 digit year | 08 |
| L | Leap year | 1 or 0 |
| o | ISO-8601 year number | 2008 |

### Time

| | | |
|---|---|---|
| h | 12 Hour [leading zeros] | 01 to 12 |
| g | 12 Hour | 1 to 12 |
| H | 24 Hour [leading zeros] | 00 to 23 |
| G | 24 Hour | 0 to 23 |
| i | Minutes [leading zeros] | 00 to 59 |
| s | Seconds [leading zeros] | 00 to 59 |
| a | 12-hour period | am or pm |
| A | Uppercase 12-hour period | AM or PM |
| B | Swatch Internet Time | 000 to 999 |
| | Microseconds | 54321 |

### Timezone

| | | |
|---|---|---|
| T | Timezone of machine | GMT |
| Z | Timezone offset [seconds] | -43200 - 50400 |
| O | Difference to GMT [hours] | +0200 |
| I | Daylight savings | 1 or 0 |
| U | No. Seconds since Epoch *** | 1218055418 |
| c | ISO 8601 date [PHP 5] 2008-10-08T15:19:21+00:00 | |
| r | RFC 2822 formatted date Wed, 14 Sept 2008 16:01:07 +0200 | |

* date("w"): 0 is Sunday, 6 is Saturday.

** Week that overlaps 2 years belongs to year that contains most days of that week. So week number for 1st January of a given year can return 53rd week if week belongs to previous year. date("W", mktime(0, 0, 0, 12, 8, $year)) returns correct number of weeks in $year

*** The Epoch was the 1st January 1970.

## Regex funcs

ereg(pattn, str)
split(pattn, str)
ereg_replace(p, r, s)
preg_grep(ptn, arr)
preg_match(p, str)
preg_match_all(p,s,a)
preg_replace(p,r,s)
preg_split(ptn, str)

## Strings

### Hashing
crypt(str, [salt])
md5(str, [raw])
sha1(str, [raw])

### Manipulation
explode(sep, str)
implode(glue, str)
nl2br(str)
sprintf(format)
strip_tags(str)
str_replace(n, r, str)
strrev(str)
strtolower(str)
strtoupper(str)
substr(str, start, len)

### Search
strstr(str, needle)
strpos(str, needle)

## Mathematics

bindec(binary_str)
decbin(number)
dechex(number)
decoct(number)
deg2rad(number)
exp(arg)
floor(value)
hexdec(hex_str)
mt_rand(min, max)
octdec(octal_str)

## Globals

$_SERVER
$_GET
$_POST
$_FILES
$_REQUEST
$_SESSION
$_COOKIE
$_ENV