Cheatography

PHP Cheat Sheet
by krabat1 (krabat1) via cheatography.com/2778/cs/706/

PHP Control Structures

if
http://php.net/manual/en/control-structures.if.php
else
http://php.net/manual/en/control-structures.else.php
elseif/else if
http://php.net/manual/en/control-structures.elseif.php
Alternative syntax for control structures
http://hu1.php.net/manual/en/control-structures.alternative-syntax.php
while
http://php.net/manual/en/control-structures.while.php
do-while
http://php.net/manual/en/control-structures.do.while.php
for
http://php.net/manual/en/control-structures.for.php
foreach
http://php.net/manual/en/control-structures.foreach.php
break

Code Vault

Many thx for the **Code Vault**!
http://cdv.lt
Chrome Extension:
https://chrome.google.com/webstore/detail/jlkbbpmihbehjcabecbknmddmknconbf

PHP Predefined Variables

Superglobals
Super globals are built-in variables that are always available in all scopes
Several predefined variables in PHP are "superglobals", which means they are available in all scopes throughout a script. There is no need to do global $variable; to access them within functions or methods.
These superglobal variables are:
$GLOBALS
$_SERVER
$_GET
$_POST
$_FILES
$_COOKIE
$_SESSION
$_REQUEST
$_ENV

$GLOBALS
Refer ences all variables available in global scope
An associative array containing references to all

PHP PCRE Functions (REGEX)

preg_filter()
Perform a regular expression search and replace
example
----
preg_grep()
Return array entries that match the pattern
example
----
preg_last_error()
Returns the error code of the last PCRE regex execution
example
----
preg_match_all()
Perform a global regular expression match
example
----
preg_match()
Perform a regular expression match
example
----
preg_quote()
Quote regular expression characters
example
----
preg_replace_callback()
Perform a regular expression search and replace using a callback
example
----
preg_replace()
Perform a regular expression search and replace
example

continue
switch
declare
return
require
include
require_once
include_once
goto

PHP Function handling Functions

call_user_func_array()
Call a callback with an array of parameters
example
----

call_user_func()
Call the callback given by the first parameter
example
----

create_function()
Create an anonymous (lambda-style) function
example
----

forward_static_call_array()
Call a static method and pass the arguments as array
example
----

forward_static_call()
Call a static method
example
----

func_get_arg()
Return an item from the argument list
example
----

func_get_args()
Returns an array comprising a function's argument list
example
----

func_num_args()
Returns the number of arguments passed to the function
example
----

function_exists()
Return TRUE if the given function has been defined
example
----

get_defined_functions()
Returns an array of all defined functions
example
----

register_shutdown_function()
Register a function for execution on shutdown
example
----

register_tick_function()

An associative array containing references to all variables which are currently defined in the global scope of the script. The variable names are the keys of the array.
example

$_SERVER
Server and execution environment information
■ **8 useful server variables available in PHP:** http://cdv.lt/Hs
----

$_SERVER['PHP_SELF']
The filename of the currently executing script, relative to the document root. For instance, $_SERVER['PHP_SELF'] in a script at the address http://example.com/test.php/foo.bar would be /test.php/foo.bar. The __FILE__ constant contains the full path and filename of the current (i.e. included) file. If PHP is running as a command-line processor this variable contains the script name since PHP 4.3.0. Previously it was not available.
'argv'
Array of arguments passed to the script. When the script is run on the command line, this gives C-style access to the command line parameters. When called via the GET method, this will contain the query string.
'argc'
Contains the number of command line parameters passed to the script (if run on the command line).

$_SERVER['GATEWAY_INTERFACE']
What revision of the CGI specification the server is using; i.e. 'CGI/1.1'.

$_SERVER['SERVER_ADDR']
The IP address of the server under which the current script is executing.

$_SERVER['SERVER_NAME']
The name of the server host under which the current script is executing. If the script is running on a virtual host, this will be the value defined for that virtual host.

$_SERVER['SERVER_SOFTWARE']
Server identification string, given in the headers when responding to requests.

$_SERVER['SERVER_PROTOCOL']
Name and revision of the information protocol via which the page was requested; i.e. 'HTTP/1.0';

$_SERVER['REQUEST_METHOD']
Which request method was used to access the page; i.e. 'GET', 'HEAD', 'POST', 'PUT'.
Note:
PHP script is terminated after sending headers (it means after producing any output without output buffering) if the request method was HEAD.

$_SERVER['REQUEST_TIME']
The timestamp of the start of the request. Available since PHP 5.1.0.

$_SERVER['REQUEST_TIME_FLOAT']
The timestamp of the start of the request, with microsecond precision. Available since PHP 5.4.0.

$_SERVER['QUERY_STRING']
The query string, if any, via which the page was

preg_split()
*Split string by a regular expression
example

PCRE CONSTANTS

PHP Mail Functions

ezmlm_hash
Calculate the hash value needed by EZMLM
example
----

mail
Send mail
example

PHP MySQL Functions

mysql_affected_rows()
Get number of affected rows in previous MySQL operation
example
----

mysql_client_encoding()
Returns the name of the character set
example
----

mysql_close()
Close MySQL connection
example
----

mysql_connect()
Open a connection to a MySQL Server
example
----

mysql_create_db()
Create a MySQL database
example
----

mysql_data_seek()
Move internal result pointer
example
----

mysql_db_name()
Retrieves database name from the call to mysql_list_dbs
example
----

mysql_db_query()
Selects a database and executes a query on it
example
----

mysql_drop_db()
Drop (delete) a MySQL database
example
----

mysql_errno()
Returns the numerical value of the error message from previous MySQL operation
example
----

mysql_error()
Returns the text of the error message from previous MySQL operation
example

Register a function for execution on each tick
example

----

unregister_tick_function()

*De-register a function for execution on each tick
example

PHP Logical Operators

Example	Name	Result
$a and $b	And	TRUE if both $a and $b are TRUE.
$a or $b	Or	TRUE if either $a or $b is TRUE.
$a xor $b	Xor	TRUE if either $a or $b is TRUE, but not both.
! $a	Not	TRUE if $a is not TRUE.
$a && $b	And	TRUE if both $a and $b are TRUE.
$a || $b	Or	TRUE if either $a or $b is TRUE.

PHP Arithmetic Operators

Example	Name	Result
-$a	Negation	Opposite of $a.
$a + $b	Addition	Sum of $a and $b.
$a - $b	Subtraction	Difference of $a and $b.
$a * $b	Multiplication	Product of $a and $b.
$a / $b	Division	Quotient of $a and $b.
$a % $b	Modulus	Remainder of $a divided by $b.

PHP Incrementing/Decrementing Operators

Example	Name	Effect
++$a	Pre-increment	Increments $a by one, then returns $a.
$a++	Post-increment	Returns $a, then increments $a by one.
--$a	Pre-decrement	Decrements $a by one, then returns $a.
$a--	Post-decrement	Returns $a, then decrements $a by one.

PHP Bitwise Operators

Example	Name	Result
$a & $b	And	Bits that are set in both $a and $b are set.
$a | $b	Or (inclusive or)	Bits that are set in either $a or $b are set.
$a ^	Xor	Bits that are set in $a or $b but

The query string, if any, via which the page was accessed.

$_SERVER['DOCUMENT_ROOT']

The document root directory under which the current script is executing, as defined in the server's config uration file.

$_SERVER['HTTP_ACCEPT']

Contents of the Accept: header from the current request, if there is one.

$_SERVER['HTTP_ACCEPT_CHARSET']

Contents of the Accept-Charset: header from the current request, if there is one. Example: 'iso-8859-1,,utf-8'.

$_SERVER['HTTP_ACCEPT_ENCODING']

Contents of the Accept-Encoding: header from the current request, if there is one. Example: 'gzip'.

$_SERVER['HTTP_ACCEPT_LANGUAGE']

Contents of the Accept-Language: header from the current request, if there is one. Example: 'en'.

■ **Detect Browser Language in PHP:** http://cdv.lt/I5

$_SERVER['HTTP_CONNECTION']

Contents of the Connection: header from the current request, if there is one. Example: 'Keep-Alive'.

$_SERVER['HTTP_HOST']

Contents of the Host: header from the current request, if there is one.

$_SERVER['HTTP_REFERER']

The address of the page (if any) which referred the user agent to the current page. This is set by the user agent. Not all user agents will set this, and some provide the ability to modify HTTP_REFERER as a feature. In short, it cannot really be trusted.

$_SERVER['HTTP_USER_AGENT']

Contents of the User-Agent: header from the current request, if there is one. This is a string denoting the user agent being which is accessing the page. A typical example is: Mozilla/4.5 [en] (X11; U; Linux 2.2.9 i586). Among other things, you can use this value with get_browser() to tailor your page's output to the capabilities of the user agent.

$_SERVER['HTTPS']

Set to a non-empty value if the script was queried through the HTTPS protocol.

Note: Note that when using ISAPI with IIS, the value will be off if the request was not made through the HTTPS protocol.

$_SERVER['REMOTE_ADDR']

The IP address from which the user is viewing the current page.

$_SERVER['REMOTE_HOST']

The Host name from which the user is viewing the current page. The reverse dns lookup is based off the REMOTE_ADDR of the user.

Note: Your web server must be configured to create this variable. For example in Apache you'll need HostnameLookups On inside httpd.conf for it to exist. See also gethostbyaddr().

$_SERVER['REMOTE_PORT']

The port being used on the user's machine to

---

mysql_escape_string()

Escapes a string for use in a mysql_query
example

----

mysql_fetch_array()

Fetch a result row as an associative array, a numeric array, or both
example

----

mysql_fetch_assoc()

Fetch a result row as an associative array
example

----

mysql_fetch_field()

Get column information from a result and return as an object
example

----

mysql_fetch_lengths()

Get the length of each output in a result
example

----

mysql_fetch_object()

Fetch a result row as an object
example

----

mysql_fetch_row()

Get a result row as an enumerated array
example

----

mysql_field_flags()

Get the flags associated with the specified field in a result
example

----

mysql_field_len()

Returns the length of the specified field
example

----

mysql_field_name()

Get the name of the specified field in a result
example

----

mysql_field_seek()

Set result pointer to a specified field offset
example

----

mysql_field_table()

Get name of the table the specified field is in
example

----

mysql_field_type()

Get the type of the specified field in a result
example

----

mysql_free_result()

Free result memory
example

----

mysql_get_client_info()

Get MySQL client info
example

----

mysql_get_host_info()

Get MySQL host info
example

----

mysql_get_proto_info()

Get MySQL protocol info
example

$b	(exclusive or)	not both are set.
~ $a	Not	Bits that are set in $a are not set, and vice versa.
$a << $b	Shift left	Shift the bits of $a $b steps to the left (each step means "multiply by two")
$a >> $b	Shift right	Shift the bits of $a $b steps to the right (each step means "divide by two")

PHP Comparison Operators

Example	Name	Result
$a == $b	Equal	TRUE if $a is equal to $b after type juggling.
$a === $b	Identical	TRUE if $a is equal to $b, and they are of the same type.
$a != $b	Not equal	TRUE if $a is not equal to $b after type juggling.
$a <> $b	Not equal	TRUE if $a is not equal to $b after type juggling.
$a !== $b	Not identical	TRUE if $a is not equal to $b, or they are not of the same type.
$a < $b	Less than	TRUE if $a is strictly less than $b.
$a > $b	Greater than	TRUE if $a is strictly greater than $b.
$a <= $b	Less than or equal to	TRUE if $a is less than or equal to $b.
$a >= $b	Greater than or equal to	TRUE if $a is greater than or equal to $b.

Comparison	with	Various Types
Type of Operand 1	Type of Operand 2	Result
null or string	string	Convert NULL to "", numerical or lexical comparison
bool or null	anything	Convert to bool, FALSE < TRUE
object	object	Built-in classes can define its own comparison, different classes are uncomparable, same class - compare properties the same way as arrays (PHP 4), PHP 5 has its own explanation
string, resource or number	string, resource or number	Translate strings and resources to numbers, usual math
array	array	Array with fewer members is smaller, if key from operand 1 is not found in operand 2 then arrays are uncomparable, otherwise - compare value by value (see following example)
array	anything	array is always greater
object	anything	object is always greater

The port being used on the user's machine to communicate with the web server.

$_SERVER['REMOTE_USER']

The authenticated user.

$_SERVER['REDIRECT_REMOTE_USER']

The authenticated user if the request is internally redirected.

$_SERVER['SCRIPT_FILENAME']

The absolute pathname of the currently executing script.

Note:

If a script is executed with the CLI, as a relative path, such as file.php or ../file.php, $_SERVER['SCRIPT_FILENAME'] will contain the relative path specified by the user.

$_SERVER['SERVER_ADMIN']

The value given to the SERVER_ADMIN (for Apache) directive in the web server configuration file. If the script is running on a virtual host, this will be the value defined for that virtual host.

$_SERVER['SERVER_PORT']

The port on the server machine being used by the web server for communication. For default setups, this will be '80'; using SSL, for instance, will change this to whatever your defined secure HTTP port is.

$_SERVER['SERVER_SIGNATURE']

String containing the server version and virtual host name which are added to server-generated pages, if enabled.

$_SERVER['PATH_TRANSLATED']

Filesystem- (not document root-) based path to the current script, after the server has done any virtual-to-real mapping.

Note: As of PHP 4.3.2, PATH_TRANSLATED is no longer set implicitly under the Apache 2 SAPI in contrast to the situation in Apache 1, where it's set to the same value as the SCRIPT_FILENAME server variable when it's not populated by Apache. This change was made to comply with the CGI specification that PATH_TRANSLATED should only exist if PATH_INFO is defined. Apache 2 users may use AcceptPathInfo = On inside httpd.conf to define PATH_INFO.

$_SERVER['SCRIPT_NAME']

Contains the current script's path. This is useful for pages which need to point to themselves. The __FILE__ constant contains the full path and filename of the current (i.e. included) file.

$_SERVER['REQUEST_URI']

The URI which was given in order to access this page; for instance, '/index.html'.

$_SERVER['PHP_AUTH_DIGEST']

When doing Digest HTTP authentication this variable is set to the 'Authorization' header sent by the client (which you should then use to make the appropriate validation).

$_SERVER['PHP_AUTH_USER']

When doing HTTP authentication this variable is set to the username provided by the user.

$_SERVER['PHP_AUTH_PW']

---

mysql_get_server_info()

Get MySQL server info

example

---

mysql_info()

Get information about the most recent query

example

---

mysql_insert_id()

Get the ID generated in the last query

example

---

mysql_list_dbs()

List databases available on a MySQL server

example

---

mysql_list_fields()

List MySQL table fields

example

---

mysql_list_processes()

List MySQL processes

example

---

mysql_list_tables()

List tables in a MySQL database

example

---

mysql_num_fields()

Get number of fields in result

example

---

mysql_num_rows()

Get number of rows in result

example

---

mysql_pconnect()

Open a persistent connection to a MySQL server

example

---

mysql_ping()

Ping a server connection or reconnect if there is no connection

example

---

mysql_query()

Send a MySQL query

example

---

mysql_real_escape_string()

Escapes special characters in a string for use in an SQL statement

example

---

mysql_result()

Get result data

example

---

mysql_select_db()

Select a MySQL database

example

---

mysql_set_charset()

Sets the client character set

example

---

mysql_stat()

Get current system status

example

---

mysql_tablename()

PHP Math Functions

abs()
Absolute value
example
----

acos()
Arc cosine
example
----

acosh()
Inverse hyperbolic cosine
example
----

asin()
Arc sine
example
----

asinh()
Inverse hyperbolic sine
example
----

atan2()
Arc tangent of two variables
example
----

atan()
Arc tangent
example
----

atanh()
Inverse hyperbolic tangent
example
----

base_convert()
Convert a number between arbitrary bases
example
----

bindec()
Binary to decimal
example
----

ceil()
Round fractions up
example
----

cos()
Cosine
example
----

cosh()
Hyperbolic cosine
example
----

decbin()
Decimal to binary
example
----

dechex()
Decimal to hexadecimal
example
----

decoct()
Decimal to octal
example
----

deg2rad()
Converts the number in degrees to the radian equivalent
example
----

exp()

$_SERVER['PHP_AUTH_PW']
When doing HTTP authentication this variable is set to the password provided by the user.

$_SERVER['AUTH_TYPE']
When doing HTTP authenticated this variable is set to the authentication type.

$_SERVER['PATH_INFO']
Contains any client-provided pathname information trailing the actual script filename but preceding the query string, if available. For instance, if the current script was accessed via the URL http://www.example.com/php/path_info.php/some/stuff?foo=bar, then $_SERVER['PATH_INFO'] would contain /some/stuff.

$_SERVER['ORIG_PATH_INFO']
Original version of 'PATH_INFO' before processed by PHP.

$_GET
HTTP GET variables

$_POST
HTTP POST variables

$_FILES
HTTP File Upload variables

$_REQUEST
HTTP Request variables
An associative array that by default contains the contents of $_GET, $_POST and $_COOKIE.

$_SESSION
Session variables
An associative array containing session variables available to the current script. See the Session functions documentation for more information on how this is used.
Session functions:
http://php.net/manual/en/ref.session.php

$_ENV
Environment variables
An associative array of variables passed to the current script via the environment method.
These variables are imported into PHP's global namespace from the environment under which the PHP parser is running. Many are provided by the shell under which PHP is running and different systems are likely running different kinds of shells, a definitive list is impossible. Please see your shell's documentation for a list of defined environment variables.

---

mysql_...()
Get table name of field
example
----

mysql_thread_id()
Return the current thread ID
example
----

mysql_unbuffered_query()
Send an SQL query to MySQL without fetching and buffering the result rows.
example

MySQL CONSTANTS

MYSQL_CLIENT_COMPRESS
Use compression protocol

MYSQL_CLIENT_IGNORE_SPACE
Allow space after function names

MYSQL_CLIENT_INTERACTIVE
Allow interactive timeout seconds of inactivity before closing the connection
----

MYSQL_CLIENT_SSL
Use SSL encryption (only available with version 4+ of the MySQL client library)

MYSQL_ASSOC
Columns are returned into the array with the fieldname as the array index
----

MYSQL_BOTH
Columns are returned into the array having both a numerical index and the fieldname as the array index
----

MYSQL_NUM
Columns are returned into the array having a numerical index (index starts at 0)

PHP Filesystem Functions

basename()
Returns trailing name component of path
example
----

chgrp()
Changes file group
example
----

chmod()
Changes file mode
example
----

chown()
Changes file owner
example
----

clearstatcache()
Clears file status cache
example
----

copy()
Copies file
example
----

delete()
See unlink or unset

exp()
Calculates the exponent of e
example
----

expm1()
Returns exp(number) - 1, computed in a way that is accurate even when the value of number is close to zero
example
----

floor()
Round fractions down
example
----

fmod()
Returns the floating point remainder (modulo) of the division of the arguments
example
----

getrandmax()
Show largest possible random value
example
----

hexdec()
Hexadecimal to decimal
example
----

hypot()
Calculate the length of the hypotenuse of a right-angle triangle
example
----

is_finite()
Finds whether a value is a legal finite number
example
----

is_infinite()
Finds whether a value is infinite
example
----

is_nan()
Finds whether a value is not a number
example
----

lcg_value()
Combined linear congruential generator
example
----

log10()
Base-10 logarithm
example
----

log1p()
Returns log(1 + number), computed in a way that is accurate even when the value of number is close to zero
example
----

log()
Natural logarithm
example
----

max()
Find highest value
example
----

min()
Find lowest value
example
----

mt_getrandmax()
Show largest possible random value

a list of defined environment variables.

$_COOKIE
HTTP Cookies
An associative array of variables passed to the current script via HTTP Cookies.

$php_errormsg
The previous error message
$php_errormsg is a variable containing the text of the last error message generated by PHP. This variable will only be available within the scope in which the error occurred, and only if the track_errors configuration option is turned on (it defaults to off).*
Note: This variable is only available when track_errors is enabled in php.ini.
Warning: If a user defined error handler (set_error_handler()) is set $php_errormsg is only set if the error handler returns FALSE.

$HTTP_RAW_POST_DATA
Raw POST data
$HTTP_RAW_POST_DATA contains the raw POST data.
See always_populate_raw_post_data
http://php.net/manual/en/ini.core.php#ini.always-populate-raw-post-data
----

$http_response_header
HTTP response headers
The $http_response_header array is similar to the *get_headers()* function. When using the HTTP wrapper, *$http_response_header* will be populated with the HTTP response headers. *$http_response_header* will be created in the *local scope*.
http://php.net/manual/en/wrappers.http.php
http://php.net/manual/en/language.variables.scope.php

$argc
The number of arguments passed to script
Contains the number of arguments passed to the current script when running from the command line.
Note: The script's filename is always passed as an argument to the script, therefore the minimum value of $argc is 1.
Note: This variable is not available when register_argc_argv is disabled.

$argv
Array of arguments passed to script
Contains an array of all the arguments passed to the script when running from the command line.
Note: The first argument $argv[0] is always the name

example
----

dirname()
Returns parent directory's path
example
----

disk_free_space()
Returns available space on filesystem or disk partition
example
----

disk_total_space()
Returns the total size of a filesystem or disk partition
example
----

diskfreespace()
Alias of disk_free_space
example
----

fclose()
Closes an open file pointer
example
----

feof()
Tests for end-of-file on a file pointer
example
----

fflush()
Flushes the output to a file
example
----

fgetc()
Gets character from file pointer
example
----

fgetcsv()
Gets line from file pointer and parse for CSV fields
example
----

fgets()
Gets line from file pointer
example
----

fgetss()
Gets line from file pointer and strip HTML tags
example
----

file_exists()
Checks whether a file or directory exists
example
----

file_get_contents()
Reads entire file into a string
example
----

file_put_contents()
Write a string to a file
example
----

file()
Reads entire file into an array
example
----

fileatime()
Gets last access time of file
example
----

filectime()
Gets inode change time of file
example

Show largest possible random value
example
----
mt_rand()
Generate a better random value
example
----
mt_srand()
Seed the better random number generator
example
----
octdec()
Octal to decimal
example
----
pi()
Get value of pi
example
----
pow()
Exponential expression
example
----
rad2deg()
Converts the radian number to the equivalent number in degrees
example
----
rand()
Generate a random integer
example
----
round()
Rounds a float
example
----
sin()
Sine
example
----
sinh()
Hyperbolic sine
example
----
sqrt()
Square root
example
----
srand()
Seed the random number generator
example
----
tan()
Tangent
example
----
tanh()
Hyperbolic tangent
example

DOM
----
dom_import_simplexml()
Gets a DOMElement object from a SimpleXML Element object
example

DOM CONSTANTS

Note: The first argument $argv[0] is always the name that was used to run the script.
Note: This variable is not available when register_argc_argv is disabled.
----

array_change_key_case()
Changes all keys in an array
■ http://cdv.lt/Hn
----
array_chunk()
Split an array into chunks
■ http://cdv.lt/Ho
----
array_combine()
Creates an array by using one array for keys and another for its values
■ http://cdv.lt/Ht
----
array_count_values()
Counts all the values of an array
■ http://cdv.lt/Hv
----
array_diff_assoc()
Computes the difference of arrays with additional index check
■ http://cdv.lt/Hw
----
array_diff_key()
Computes the difference of arrays using keys for comparison
■ http://cdv.lt/Hx
----
array_diff_uassoc()
Computes the difference of arrays with additional index check which is performed by a user supplied callback function
■ http://cdv.lt/I1
----
array_diff_ukey()
Computes the difference of arrays using a callback function on the keys for comparison
■ http://cdv.lt/I2
----
array_diff()
Computes the difference of arrays
■ http://cdv.lt/I3
----
array_fill_keys()
Fill an array with values, specifying keys
■ http://cdv.lt/IH
----
array_fill()
Fill an array with values
■ http://cdv.lt/II
----
array_filter()
Filters elements of an array using a callback function
■ http://cdv.lt/IJ
----
array_flip()
Exchanges all keys with their associated values in an array
example
----
array_intersect_assoc()
Computes the intersection of arrays with additional index check
example
----

filegroup()
Gets file group
example
----
fileinode()
Gets file inode
example
----
filemtime()
Gets file modification time
example
----
fileowner()
Gets file owner
example
----
fileperms()
Gets file permissions
example
----
filesize()
Gets file size
example
----
filetype()
Gets file type
example
----
flock()
Portable advisory file locking
example
----
fnmatch()
Match filename against a pattern
example
----
fopen()
Opens file or URL
example
----
fpassthru()
Output all remaining data on a file pointer
example
----
fputcsv()
Format line as CSV and write to file pointer
example
----
fputs()
Alias of fwrite
example
----
fread()
Binary-safe file read
example
----
fscanf()
Parses input from a file according to a format
example
----
fseek()
Seeks on a file pointer
example
----
fstat()
Gets information about a file using an open file pointer
example
----
ftell()
Returns the current position of the file read/write

LIBXML
----
libxml_clear_errors()
Clear libxml error buffer
example
----
libxml_disable_entity_loader()
Disable the ability to load external entities
example
----
libxml_get_errors()
Retrieve array of errors
example
----
libxml_get_last_error()
Retrieve last error from libxml
example
----
libxml_set_external_entity_loader()
Changes the default external entity loader
example
----
libxml_set_streams_context()
Set the streams context for the next libxml document load or write
example
----
libxml_use_internal_errors()
Disable libxml errors and allow user to fetch error information as needed
example

LIBXML CONSTANTS

SIMPLEXML
----
simplexml_import_dom()
Get a SimpleXMLElement object from a DOM node.
example
----
simplexml_load_file()
Interprets an XML file into an object
example
----
simplexml_load_string()
Interprets a string of XML into an object
example

XML PARSER
----
utf8_decode()
Converts a string with ISO-8859-1 characters encoded with UTF-8 to single-byte ISO-8859-1
example
----
utf8_encode()
Encodes an ISO-8859-1 string to UTF-8
example
----

array_intersect_key()
Computes the intersection of arrays using keys for comparison
example
----
array_intersect_uassoc()
Computes the intersection of arrays with additional index check, compares indexes by a callback function
example
----
array_intersect_ukey()
Computes the intersection of arrays using a callback function on the keys for comparison
example
----
array_intersect()
Computes the intersection of arrays
example
----
array_key_exists()
Checks if the given key or index exists in the array
example
----
array_keys()
Return all the keys or a subset of the keys of an array
example
----
array_map()
Applies the callback to the elements of the given arrays
example
----
array_merge_recursive()
Merge two or more arrays recursively
example
----
array_merge()
Merge one or more arrays
example
----
array_pad()
Pad array to the specified length with a value
example
----
array_pop()
Pop the element off the end of array
example
----
array_product()
Calculate the product of values in an array
example
----
array_push()
Push one or more elements onto the end of array
example
----
array_rand()
Pick one or more random entries out of an array
example
----
array_reduce()
Iteratively reduce the array to a single value using a callback function
example
----
array_replace_recursive()
Replaces elements from passed arrays into the first array recursively
example
----

pointer
example
----
ftruncate()
Truncates a file to a given length
example
----
fwrite()
Binary-safe file write
example
----
glob()
Find pathnames matching a pattern
example
----
is_dir()
Tells whether the filename is a directory
example
----
is_executable()
Tells whether the filename is executable
example
----
is_file()
Tells whether the filename is a regular file
example
----
is_link()
Tells whether the filename is a symbolic link
example
----
is_readable()
Tells whether a file exists and is readable
example
----
is_uploaded_file()
Tells whether the file was uploaded via HTTP POST
example
----
is_writable()
Tells whether the filename is writable
example
----
is_writeable()
Alias of is_writable
example
----
lchgrp()
Changes group ownership of symlink
example
----
lchown()
Changes user ownership of symlink
example
----
link()
Create a hard link
example
----
linkinfo()
Gets information about a link
example
----
lstat()
Gives information about a file or symbolic link
example
----
mkdir()
Makes directory
example
----

xml_error_string()

Get XML parser error string

example

----

xml_get_current_byte_index()

Get current byte index for an XML parser

example

----

xml_get_current_column_number()

Get current column number for an XML parser

example

----

xml_get_current_line_number()

Get current line number for an XML parser

example

----

xml_get_error_code()

Get XML parser error code

example

----

xml_parse_into_struct()

Parse XML data into an array structure

example

----

xml_parse()

Start parsing an XML document

example

----

xml_parser_create_ns()

Create an XML parser with namespace support

example

----

xml_parser_create()

Create an XML parser

example

----

xml_parser_free()

Free an XML parser

example

----

xml_parser_get_option()

Get options from an XML parser

example

----

xml_parser_set_option()

Set options in an XML parser

example

----

xml_set_character_data_handler()

Set up character data handler

example

----

xml_set_default_handler()

Set up default handler

example

----

xml_set_element_handler()

Set up start and end element handlers

example

----

xml_set_end_namespace_decl_handler()

Set up end namespace declaration handler

example

----

xml_set_external_entity_ref_handler()

Set up external entity reference handler

example

----

xml_set_notation_decl_handler()

Set up notation declaration handler

example

----

array_replace()

Replaces elements from passed arrays into the first array

example

----

array_reverse()

Return an array with elements in reverse order

example

----

array_search()

Searches the array for a given value and returns the corresponding key if successful

example

----

array_shift()

Shift an element off the beginning of array

example

----

array_slice()

Extract a slice of the array

example

----

array_splice()

Remove a portion of the array and replace it with something else

example

----

array_sum()

Calculate the sum of values in an array

example

----

array_udiff_assoc()

Computes the difference of arrays with additional index check, compares data by a callback function

example

----

array_udiff_uassoc()

Computes the difference of arrays with additional index check, compares data and indexes by a callback function

example

----

array_udiff()

Computes the difference of arrays by using a callback function for data comparison

example

----

array_uintersect_assoc()

Computes the intersection of arrays with additional index check, compares data by a callback function

example

----

array_uintersect_uassoc()

Computes the intersection of arrays with additional index check, compares data and indexes by a callback functions

example

----

array_uintersect()

Computes the intersection of arrays, compares data by a callback function

example

----

array_unique()

Removes duplicate values from an array

example

----

array_unshift()

Prepend one or more elements to the beginning of an array

example

----

move_uploaded_file()

Moves an uploaded file to a new location

example

----

parse_ini_file()

Parse a configuration file

example

----

parse_ini_string()

Parse a configuration string

example

----

pathinfo()

Returns information about a file path

example

----

pclose()

Closes process file pointer

example

----

popen()

Opens process file pointer

example

----

readfile()

Outputs a file

example

----

readlink()

Returns the target of a symbolic link

example

----

realpath_cache_get()

Get realpath cache entries

example

----

realpath_cache_size()

Get realpath cache size

example

----

realpath()

Returns canonicalized absolute pathname

example

----

rename()

Renames a file or directory

example

----

rewind()

Rewind the position of a file pointer

example

----

rmdir()

Removes directory

example

----

set_file_buffer()

Alias of stream_set_write_buffer

example

----

stat()

Gives information about a file

example

----

symlink()

Creates a symbolic link

example

----

tempnam()

Create file with unique file name

example

xml_set_object()
Use XML Parser within an object
example
----
xml_set_processing_instruction_handler()
Set up processing instruction (PI) handler
example
----
xml_set_start_namespace_decl_handler()
Set up start namespace declaration handler
example
----
xml_set_unparsed_entity_decl_handler()
Set up unparsed entity declaration handler
example

XML PARSER CONSTANTS

XML_ERROR_NONE (integer)
XML_ERROR_NO_MEMORY (integer)
XML_ERROR_SYNTAX (integer)
XML_ERROR_NO_ELEMENTS (integer)
XML_ERROR_INVALID_TOKEN (integer)
XML_ERROR_UNCLOSED_TOKEN (integer)
XML_ERROR_PARTIAL_CHAR (integer)
XML_ERROR_TAG_MISMATCH (integer)
XML_ERROR_DUPLICATE_ATTRIBUTE (integer)
XML_ERROR_JUNK_AFTER_DOC_ELEMENT
(integer)
XML_ERROR_PARAM_ENTITY_REF (integer)
XML_ERROR_UNDEFINED_ENTITY (integer)
XML_ERROR_RECURSIVE_ENTITY_REF (integer)
XML_ERROR_ASYNC_ENTITY (integer)
XML_ERROR_BAD_CHAR_REF (integer)
XML_ERROR_BINARY_ENTITY_REF (integer)
**XML_ERROR_ATTRIBUTE_EXTERNAL_ENTIT
Y_REF** (integer)
XML_ERROR_MISPLACED_XML_PI (integer)
XML_ERROR_UNKNOWN_ENCODING (integer)
XML_ERROR_INCORRECT_ENCODING (integer)
XML_ERROR_UNCLOSED_CDATA_SECTION
(integer)
XML_ERROR_EXTERNAL_ENTITY_HANDLING
(integer)
XML_OPTION_CASE_FOLDING (integer)
XML_OPTION_TARGET_ENCODING (integer)
XML_OPTION_SKIP_TAGSTART (integer)
XML_OPTION_SKIP_WHITE (integer)

XML_SAX_IMPL (string)
Holds the SAX implementation method. Can be libxml or expat.

PHP Network Functions

checkdnsrr()
Check DNS records corresponding to a given Internet host name or IP address
example
----
closelog()
Close connection to system logger
example
----
define_syslog_variables()
Initializes all syslog related variables
example

----
array_values()
Return all the values of an array
example
----
array_walk_recursive()
Apply a user function recursively to every member of an array
example
----
array_walk()
Apply a user function to every member of an array
example
----
array()
Create an array
example
----
compact()
Create array containing variables and their values
example
----
count()
Count all elements in an array, or something in an object
example
----
current()
Return the current element in an array
example
----
each()
Return the current key and value pair from an array and advance the array cursor
example
----
end()
Set the internal pointer of an array to its last element
example
----
extract()
Import variables into the current symbol table from an array
example
----
in_array()
Checks if a value exists in an array
example
----
key()
Fetch a key from an array
example
----
list()
Assign variables as if they were an array
example
----
next()
Advance the internal array pointer of an array
example
----
pos()
Alias of current
example
----
prev()
Rewind the internal array pointer
example
----
range()
Create an array containing a range of elements

----
tmpfile()
Creates a temporary file
example
----
touch()
Sets access and modification time of file
example
----
umask()
Changes the current umask
example
----
unlink()
Deletes a file
example

FILESYSTEM CONSTANTS

SEEK_SET (integer)
SEEK_CUR (integer)
SEEK_END (integer)
LOCK_SH (integer)
LOCK_EX (integer)
LOCK_UN (integer)
LOCK_NB (integer)
GLOB_BRACE (integer)
GLOB_ONLYDIR (integer)
GLOB_MARK (integer)
GLOB_NOSORT (integer)
GLOB_NOCHECK (integer)
GLOB_NOESCAPE (integer)
GLOB_AVAILABLE_FLAGS (integer)
PATHINFO_DIRNAME (integer)
PATHINFO_BASENAME (integer)
PATHINFO_EXTENSION (integer)
PATHINFO_FILENAME (integer)
Since PHP 5.2.0.

FILE_USE_INCLUDE_PATH (integer)
Search for filename in include_path (since PHP 5).

FILE_NO_DEFAULT_CONTEXT (integer)
FILE_APPEND (integer)
Append content to existing file.

FILE_IGNORE_NEW_LINES (integer)
Strip EOL characters (since PHP 5).

FILE_SKIP_EMPTY_LINES (integer)
Skip empty lines (since PHP 5).

FILE_BINARY (integer)
Binary mode (since PHP 5.2.7).
Note:
This constant has no effect, and is only available for forward compatibility.

FILE_TEXT (integer)
Text mode (since PHP 5.2.7).
Note:
This constant has no effect, and is only available for forward compatibility.

INI_SCANNER_NORMAL (integer)
Normal INI scanner mode (since PHP 5.3).

INI_SCANNER_RAW (integer)

----

dns_check_record()

Alias of checkdnsrr

example

----

dns_get_mx()

Alias of getmxrr

example

----

dns_get_record()

Fetch DNS Resource Records associated with a hostname

example

----

fsockopen()

Open Internet or Unix domain socket connection

example

----

gethostbyaddr()

Get the Internet host name corresponding to a given IP address

example

----

gethostbyname()

Get the IPv4 address corresponding to a given Internet host name

example

----

gethostbynamel()

Get a list of IPv4 addresses corresponding to a given Internet host name

example

----

gethostname()

Gets the host name

example

----

getmxrr()

Get MX records corresponding to a given Internet host name

example

----

getprotobyname()

Get protocol number associated with protocol name

example

----

getprotobynumber()

Get protocol name associated with protocol number

example

----

getservbyname()

Get port number associated with an Internet service and protocol

example

----

getservbyport()

Get Internet service which corresponds to port and protocol

example

----

header_register_callback()

Call a header function

example

----

header_remove()

Remove previously set headers

example

----

header()

Send a raw HTTP header

example

example

----

reset()

Set the internal pointer of an array to its first element

example

----

sizeof()

Alias of count

ARRAY SORTING FUNCTIONS

example

----

array_multisort()

Sort multiple or multi-dimensional arrays

example

----

asort()

Sort an array and maintain index association

example

----

arsort()

Sort an array in reverse order and maintain index association

example

----

krsort()

Sort an array by key in reverse order

example

----

ksort()

Sort an array by key

example

----

natcasesort()

Sort an array using a case insensitive "natural order" algorithm

example

----

natsort()

Sort an array using a "natural order" algorithm

example

----

rsort()

Sort an array in reverse order

example

----

shuffle()

Shuffle an array

example

----

sort()

Sort an array

example

----

uasort()

Sort an array with a user-defined comparison function and maintain index association

example

----

uksort()

Sort an array by keys using a user-defined comparison function

example

----

usort()

Sort an array by values using a user-defined comparison function

example

Raw INI scanner mode (since PHP 5.3).

FNM_NOESCAPE (integer)

Disable backslash escaping.

FNM_PATHNAME (integer)

Slash in string only matches slash in the given pattern.

FNM_PERIOD (integer)

Leading period in string must be exactly matched by period in the given pattern.

FNM_CASEFOLD (integer)

Caseless match. Part of the GNU extension.

PHP Directory Functions

chdir()

Change directory

example

----

chroot()

Change the root directory

example

----

closedir()

Close directory handle

example

----

dir()

Return an instance of the Directory class

example

----

getcwd()

Gets the current working directory

example

----

opendir()

Open directory handle

example

----

readdir()

Read entry from directory handle

example

----

rewinddir()

Rewind directory handle

example

----

scandir()

*List files and directories inside the specified path

example

DIRECTORY CONSTANTS

DIRECTORY_SEPARATOR (string)

PATH_SEPARATOR (string)

Available since PHP 4.3.0. Semicolon on Windows, colon otherwise.

SCANDIR_SORT_ASCENDING (integer)

Available since PHP 5.4.0.

SCANDIR_SORT_DESCENDING (integer)

Available since PHP 5.4.0.*

SCANDIR_SORT_NONE (integer)

----

headers_list()

Returns a list of response headers sent (or ready to send)

example

----

headers_sent()

Checks if or where headers have been sent

example

----

http_response_code()

Get or Set the HTTP response code

example

----

inet_ntop()

Converts a packed internet address to a human readable representation

example

----

inet_pton()

Converts a human readable IP address to its packed in_addr representation

example

----

ip2long()

Converts a string containing an (IPv4) Internet Protocol dotted address into a proper address

example

----

long2ip()

Converts an (IPv4) Internet network address into a string in Internet standard dotted format

example

----

openlog()

Open connection to system logger

example

----

pfsockopen()

Open persistent Internet or Unix domain socket connection

example

----

setcookie()

Send a cookie

example

----

setrawcookie()

Send a cookie without urlencoding the cookie value

example

----

socket_get_status()

Alias of stream_get_meta_data

example

----

socket_set_blocking()

Alias of stream_set_blocking

example

----

socket_set_timeout()

Alias of stream_set_timeout

example

NETWORK CONSTANTS

----

syslog()

Generate a system log message

example

Comparison of array sorting functions

http://php.net/manual/en/array.sorting.php

ARRAY CONSTANTS

CASE_LOWER

Used with array_change_key_case() to convert array keys to lower case

----

CASE_UPPER

Used with array_change_key_case() to convert array keys to upper case

----

SORT_ASC

Used with array_multisort() to sort in ascending order

SORT_DESC

Used with array_multisort() to sort in descending order

SORT_REGULAR

Used to compare items normally

SORT_NUMERIC

Used to compare items numerically

SORT_STRING

Used to compare items as strings

SORT_LOCALE_STRING

Used to compare items as strings, based on the current locale

----

COUNT_NORMAL
COUNT_RECURSIVE
EXTR_OVERWRITE
EXTR_SKIP
EXTR_PREFIX_SAME
EXTR_PREFIX_ALL
EXTR_PREFIX_INVALID
EXTR_PREFIX_IF_EXISTS
EXTR_IF_EXISTS
EXTR_REFS

PHP String Functions

addcslashes()

Quote string with slashes in a C style

example

----

addslashes()

Quote string with slashes

example

----

bin2hex()

Convert binary data into hexadecimal representation

example

----

chop()

Alias of rtrim

example

----

chr()

Return a specific character

example

----

chunk_split()

SCANDIR_SORT_NONE (integer)

Available since PHP 5.4.0.

PHP FTP Functions

ftp_alloc()

Allocates space for a file to be uploaded

example

----

ftp_cdup()

Changes to the parent directory

example

----

ftp_chdir()

Changes the current directory on a FTP server

example

----

ftp_chmod()

Set permissions on a file via FTP

example

----

ftp_close()

Closes an FTP connection

example

----

ftp_connect()

Opens an FTP connection

example

----

ftp_delete()

Deletes a file on the FTP server

example

----

ftp_exec()

Requests execution of a command on the FTP server

example

----

ftp_fget()

Downloads a file from the FTP server and saves to an open file

example

----

ftp_fput()

Uploads from an open file to the FTP server

example

----

ftp_get_option()

Retrieves various runtime behaviours of the current FTP stream

example

----

ftp_get()

Downloads a file from the FTP server

example

----

ftp_login()

Logs in to an FTP connection

example

----

ftp_mdtm()

Returns the last modified time of the given file

example

----

ftp_mkdir()

Creates a directory

example

----

ftp_nb_continue()

Continues retrieving/sending a file (non-blocking)

example

----

ftp_nb_fget()

*openlog() Options

LOG_CONS()

if there is an error while sending data to the system logger, write directly to the system console

----

LOG_NDELAY()

open the connection to the logger immediately

LOG_ODELAY()

(default) delay opening the connection until the first message is logged

----

LOG_NOWAIT()

**

LOG_PERROR()

print log message also to standard error

LOG_PID()

include PID with each message

----

*openlog() Facilities

LOG_AUTH()

security/authorization messages (use LOG_AUTHPRIV instead in systems where that constant is defined)

LOG_AUTHPRIV()

security/authorization messages (private)

LOG_CRON()

clock daemon (cron and at)

LOG_DAEMON()

other system daemons

LOG_KERN()

kernel messages

LOG_LOCAL0 ... LOG_LOCAL7()

reserved for local use, these are not available in Windows

LOG_LPR()

line printer subsystem

LOG_MAIL()

mail subsystem

LOG_NEWS()

USENET news subsystem

LOG_SYSLOG()

messages generated internally by syslogd

LOG_USER()

generic user-level messages

LOG_UUCP()

UUCP subsystem

----

*syslog() Priorities (in descending order)

LOG_EMERG()

system is unusable

LOG_ALERT()

action must be taken immediately

LOG_CRIT()

---

chunk_split()

Split a string into smaller chunks

example

----

convert_cyr_string()

Convert from one Cyrillic character set to another

example

----

convert_uudecode()

Decode a uuencoded string

example

----

convert_uuencode()

Uuencode a string

example

----

count_chars()

Return information about characters used in a string

example

----

crc32()

Calculates the crc32 polynomial of a string

example

----

crypt()

One-way string hashing

example

----

echo()

Output one or more strings

■ http://cdv.lt/Hm

----

explode()

Split a string by string

example

----

fprintf()

Write a formatted string to a stream

example

----

get_html_translation_table()

Returns the translation table used by htmlspecialchars and htmlentities

example

----

hebrev()

Convert logical Hebrew text to visual text

example

----

hebrevc()

Convert logical Hebrew text to visual text with newline conversion

example

----

hex2bin()

Decodes a hexadecimally encoded binary string

example

----

html_entity_decode()

Convert all HTML entities to their applicable characters

example

----

htmlentities()

Convert all applicable characters to HTML entities

example

----

htmlspecialchars_decode()

Convert special HTML entities back to characters

example

----

htmlspecialchars()

Retrieves a file from the FTP server and writes it to an open file (non-blocking)

example

----

ftp_nb_fput()

Stores a file from an open file to the FTP server (non-blocking)

example

----

ftp_nb_get()

Retrieves a file from the FTP server and writes it to a local file (non-blocking)

example

----

ftp_nb_put()

Stores a file on the FTP server (non-blocking)

example

----

ftp_nlist()

Returns a list of files in the given directory

example

----

ftp_pasv()

Turns passive mode on or off

example

----

ftp_put()

Uploads a file to the FTP server

example

----

ftp_pwd()

Returns the current directory name

example

----

ftp_quit()

Alias of ftp_close

example

----

ftp_raw()

Sends an arbitrary command to an FTP server

example

----

ftp_rawlist()

Returns a detailed list of files in the given directory

example

----

ftp_rename()

Renames a file or a directory on the FTP server

example

----

ftp_rmdir()

Removes a directory

example

----

ftp_set_option()

Set miscellaneous runtime FTP options

example

----

ftp_site()

Sends a SITE command to the server

example

----

ftp_size()

Returns the size of the given file

example

----

ftp_ssl_connect()

Opens an Secure SSL-FTP connection

example

----

ftp_systype()

LOG_CRIT()
critical conditions

LOG_ERR()
error conditions

LOG_WARNING()
warning conditions

LOG_NOTICE()
normal, but significant, condition

LOG_INFO()
informational message

LOG_DEBUG()
debug-level message
----

*dns_get_record() Options
DNS_A()
IPv4 Address Resource

DNS_MX()
Mail Exchanger Resource

DNS_CNAME()
Alias (Canonical Name) Resource

DNS_NS()
Authoritative Name Server Resource

DNS_PTR()
Pointer Resource

DNS_HINFO()
Host Info Resource (See IANA's » Operating System Names for the meaning of these values)

DNS_SOA()
Start of Authority Resource

DNS_TXT()
Text Resource

DNS_ANY()
Any Resource Record. On most systems this returns all resource records, however it should not be counted upon for critical uses. Try DNS_ALL instead.

DNS_AAAA()
IPv6 Address Resource

DNS_ALL()
*Iteratively query the name server for each available record type.

■ **List of Parser Tokens:**
http://php.net/manual/en/tokens.php
*Various parts of the PHP language are represented internally by types like T_SR. PHP outputs identifiers like this one in parse errors, like "***Parse error: unexpected T_SR, expecting ',' or ';' in script.php on line 10.***"*

*You're supposed to know what **T_SR** means. For everybody who doesn't know that, here is a table with those identifiers, PHP-syntax and references to the appropriate places in the manual.*
----

htmlspecialchars()
Convert special characters to HTML entities
example
----
implode()
Join array elements with a string
example
----
join()
Alias of implode
example
----
lcfirst()
Make a string's first character lowercase
example
----
levenshtein()
Calculate Levenshtein distance between two strings
example
----
localeconv()
Get numeric formatting information
example
----
ltrim()
Strip whitespace (or other characters) from the beginning of a string
example
----
md5_file()
Calculates the md5 hash of a given file
example
----
md5()
Calculate the md5 hash of a string
example
----
metaphone()
Calculate the metaphone key of a string
example
----
money_format()
Formats a number as a currency string
example
----
nl_langinfo()
Query language and locale information
example
----
nl2br()
Inserts HTML line breaks before all newlines in a string
example
----
number_format()
Format a number with grouped thousands
example
----
ord()
Return ASCII value of character
example
----
parse_str()
Parses the string into variables
example
----
print()
Output a string
example
----
printf()
Output a formatted string

Returns the system type identifier of the remote FTP server
example

FTP_ASCII (integer)
FTP_TEXT (integer)
FTP_BINARY (integer)
FTP_IMAGE (integer)

FTP_TIMEOUT_SEC (integer)
See ftp_set_option() for information.
The following constants were introduced in PHP 4.3.0.

FTP_AUTOSEEK (integer)
See ftp_set_option() for information.

FTP_AUTORESUME (integer)
Automatically determine resume position and start position for GET and PUT requests (only works if FTP_AUTOSEEK is enabled)

FTP_FAILED (integer)
Asynchronous transfer has failed

FTP_FINISHED (integer)
Asynchronous transfer has finished

FTP_MOREDATA (integer)
Asynchronous transfer is still active

zip_close()
Close a ZIP file archive
example
----
zip_entry_close()
Close a directory entry
example
----
zip_entry_compressedsize()
Retrieve the compressed size of a directory entry
example
----
zip_entry_compressionmethod()
Retrieve the compression method of a directory entry
example
----
zip_entry_filesize()
Retrieve the actual file size of a directory entry
example
----
zip_entry_name()
Retrieve the name of a directory entry
example
----
zip_entry_open()
Open a directory entry for reading
example
----
zip_entry_read()
Read from an open directory entry
example
----
zip_open()
Open a ZIP file archive
example

debug_backtrace()
Generates a backtrace
example
----

debug_print_backtrace()
Prints a backtrace
example
----

error_get_last()
Get the last occurred error
example
----

error_log()
Send an error message somewhere
example
----

error_reporting()
Sets which PHP errors are reported
example
----

restore_error_handler()
Restores the previous error handler function
example
----

restore_exception_handler()
Restores the previously defined exception handler function
example
----

set_error_handler()
Sets a user-defined error handler function
example
----

set_exception_handler()
Sets a user-defined exception handler function
example
----

trigger_error()
Generates a user-level error/warning/notice message
example
----

user_error()
Alias of trigger_error
example

ERROR HANDLING CONSTANTS
http://hu2.php.net/manual/en/errorfunc.constants.php
----

example
----

quoted_printable_decode()
Convert a quoted-printable string to an 8 bit string
example
----

quoted_printable_encode()
Convert a 8 bit string to a quoted-printable string
example
----

quotemeta()
Quote meta characters
example
----

rtrim()
Strip whitespace (or other characters) from the end of a string
example
----

setlocale()
Set locale information
example
----

sha1_file()
Calculate the sha1 hash of a file
example
----

sha1()
Calculate the sha1 hash of a string
example
----

similar_text()
Calculate the similarity between two strings
example
----

soundex()
Calculate the soundex key of a string
example
----

sprintf()
Return a formatted string
example
----

sscanf()
Parses input from a string according to a format
example
----

str_getcsv()
Parse a CSV string into an array
example
----

str_ireplace()
Case-insensitive version of str_replace.
example
----

str_pad()
Pad a string to a certain length with another string
example
----

str_repeat()
Repeat a string
example
----

str_replace()
Replace all occurrences of the search string with the replacement string
example
----

str_rot13()
Perform the rot13 transform on a string
example

example
----
zip_read()
Read next entry in a ZIP file archive
example

ZIP CONSTANTS

ZIPARCHIVE::CREATE (integer)
Create the archive if it does not exist.

ZIPARCHIVE::OVERWRITE (integer)
Always start a new archive, this mode will overwrite the file if it already exists.

ZIPARCHIVE::EXCL (integer)
Error if archive already exists.

ZIPARCHIVE::CHECKCONS (integer)
Perform additional consistency checks on the archive, and error if they fail.

ZIPARCHIVE::FL_NOCASE (integer)
Ignore case on name lookup

ZIPARCHIVE::FL_NODIR (integer)
Ignore directory component

ZIPARCHIVE::FL_COMPRESSED (integer)
Read compressed data

ZIPARCHIVE::FL_UNCHANGED (integer)
Use original data, ignoring changes.

ZIPARCHIVE::CM_DEFAULT (integer)
better of deflate or store.

ZIPARCHIVE::CM_STORE (integer)
stored (uncompressed).

ZIPARCHIVE::CM_SHRINK (integer)
shrunk

ZIPARCHIVE::CM_REDUCE_1 (integer)
reduced with factor 1

ZIPARCHIVE::CM_REDUCE_2 (integer)
reduced with factor 2

ZIPARCHIVE::CM_REDUCE_3 (integer)
reduced with factor 3

ZIPARCHIVE::CM_REDUCE_4 (integer)
reduced with factor 4

ZIPARCHIVE::CM_IMPLODE (integer)
imploded

ZIPARCHIVE::CM_DEFLATE (integer)
deflated

ZIPARCHIVE::CM_DEFLATE64 (integer)
deflate64

ZIPARCHIVE::CM_PKWARE_IMPLODE (integer)
PKWARE imploding

ZIPARCHIVE::CM_BZIP2 (integer)
BZIP2 algorithm

----
str_shuffle()
Randomly shuffles a string
example
----
str_split()
Convert a string to an array
example
----
str_word_count()
Return information about words used in a string
example
----
strcasecmp()
Binary safe case-insensitive string comparison
example
----
strchr()
Alias of strstr
example
----
strcmp()
Binary safe string comparison
example
----
strcoll()
Locale based string comparison
example
----
strcspn()
Find length of initial segment not matching mask
example
----
strip_tags()
Strip HTML and PHP tags from a string
example
----
stripcslashes()
Un-quote string quoted with addcslashes
example
----
stripos()
*Find the position of the first occurrence of a case-inse
nsitive substring in a string*
example
----
stripslashes()
Un-quotes a quoted string
example
----
stristr()
Case-insensitive strstr
example
----
strlen()
Get string length
example
----
strnatcasecmp()
*Case insensitive string comparisons using a "natural
order" algorithm*
example
----
strnatcmp()
String comparisons using a "natural order" algorithm
example
----
strncasecmp()
*Binary safe case-insensitive string comparison of the
first n characters*
example

ZIPARCHIVE::ER_OK (integer)
No error.

ZIPARCHIVE::ER_MULTIDISK (integer)
Multi-disk zip archives not supported.

ZIPARCHIVE::ER_RENAME (integer)
Renaming temporary file failed.

ZIPARCHIVE::ER_CLOSE (integer)
Closing zip archive failed

ZIPARCHIVE::ER_SEEK (integer)
Seek error

ZIPARCHIVE::ER_READ (integer)
Read error

ZIPARCHIVE::ER_WRITE (integer)
Write error

ZIPARCHIVE::ER_CRC (integer)
CRC error

ZIPARCHIVE::ER_ZIPCLOSED (integer)
Containing zip archive was closed

ZIPARCHIVE::ER_NOENT (integer)
No such file.

ZIPARCHIVE::ER_EXISTS (integer)
File already exists

ZIPARCHIVE::ER_OPEN (integer)
Can't open file

ZIPARCHIVE::ER_TMPOPEN (integer)
Failure to create temporary file.

ZIPARCHIVE::ER_ZLIB (integer)
Zlib error

ZIPARCHIVE::ER_MEMORY (integer)
Memory allocation failure

ZIPARCHIVE::ER_CHANGED (string)
Entry has been changed*

ZIPARCHIVE::ER_COMPNOTSUPP (integer)
Compression method not supported.

ZIPARCHIVE::ER_EOF (integer)
Premature EOF

ZIPARCHIVE::ER_INVAL (integer)
Invalid argument

ZIPARCHIVE::ER_NOZIP (integer)
Not a zip archive

ZIPARCHIVE::ER_INTERNAL (integer)
Internal error

ZIPARCHIVE::ER_INCONS (integer)
Zip archive inconsistent

ZIPARCHIVE::ER_REMOVE (integer)
Can't remove file

ZIPARCHIVE::ER_DELETED (integer)

----

strncmp()

Binary safe string comparison of the first n characters

example

----

strpbrk()

Search a string for any of a set of characters

example

----

strpos()

Find the position of the first occurrence of a substring in a string

example

----

strrchr()

Find the last occurrence of a character in a string

example

----

strrev()

Reverse a string

example

----

strripos()

Find the position of the last occurrence of a case-insensitive substring in a string

example

----

strrpos()

Find the position of the last occurrence of a substring in a string

example

----

strspn()

Finds the length of the initial segment of a string consisting entirely of characters contained within a given mask.

example

----

strstr()

Find the first occurrence of a string

example

----

strtok()

Tokenize string

example

----

strtolower()

Make a string lowercase

example

----

strtoupper()

Make a string uppercase

example

----

strtr()

Translate characters or replace substrings

example

----

substr_compare()

Binary safe comparison of two strings from an offset, up to length characters

example

----

substr_count()

Count the number of substring occurrences

example

----

substr_replace()

Replace text within a portion of a string

example

Entry has been deleted

PHP Filter Functions

filter_has_var()

Checks if variable of specified type exists

example

----

filter_id()

Returns the filter ID belonging to a named filter

example

----

filter_input_array()

Gets external variables and optionally filters them

example

----

filter_input()

Gets a specific external variable by name and optionally filters it

example

----

filter_list()

Returns a list of all supported filters

example

----

filter_var_array()

Gets multiple variables and optionally filters them

example

----

filter_var()

Filters a variable with a specified filter

example

FILTER CONSTANTS

INPUT_POST (integer)

POST variables.

INPUT_GET (integer)

GET variables.

INPUT_COOKIE (integer)

COOKIE variables.

INPUT_ENV (integer)

ENV variables.

INPUT_SERVER (integer)

SERVER variables.

INPUT_SESSION (integer)

SESSION variables. (not implemented yet)

INPUT_REQUEST (integer)

REQUEST variables. (not implemented yet)

FILTER_FLAG_NONE (integer)

No flags.

FILTER_REQUIRE_SCALAR (integer)

Flag used to require scalar as input

FILTER_REQUIRE_ARRAY (integer)

Require an array as input.

FILTER_FORCE_ARRAY (integer)

Always returns an array.

----

substr()
Return part of a string
example
----

trim()
Strip whitespace (or other characters) from the beginning and end of a string
example
----

ucfirst()
Make a string's first character uppercase
example
----

ucwords()
Uppercase the first character of each word in a string
example
----

vfprintf()
Write a formatted string to a stream
example
----

vprintf()
Output a formatted string
example
----

vsprintf()
Return a formatted string
example
----

wordwrap()
Wraps a string to a given number of characters
example

STRING CONSTANTS

CRYPT_SALT_LENGTH
Contains the length of the default encryption method for the system. For standard DES encryption, the length is 2

CRYPT_STD_DES
Set to 1 if the standard DES-based encryption with a 2 character salt is supported, 0 otherwise
----
CRYPT_EXT_DES
Set to 1 if the extended DES-based encryption with a 9 character salt is supported, 0 otherwise
----
CRYPT_MD5
Set to 1 if the MD5 encryption with a 12 character salt starting with 1 is supported, 0 otherwise
----
CRYPT_BLOWFISH
Set to 1 if the Blowfish encryption with a 16 character salt starting with 2 or $2a$ is supported, 0 otherwise0

HTML_SPECIALCHARS
HTML_ENTITIES
ENT_COMPAT
ENT_QUOTES
ENT_NOQUOTES
CHAR_MAX
LC_CTYPE
LC_NUMERIC
LC_TIME
LC_COLLATE
LC_MONETARY

FILTER_NULL_ON_FAILURE (integer)
Use NULL instead of FALSE on failure.

FILTER_VALIDATE_INT (integer)
ID of "int" filter.

FILTER_VALIDATE_BOOLEAN (integer)
ID of "boolean" filter.

FILTER_VALIDATE_FLOAT (integer)
ID of "float" filter.

FILTER_VALIDATE_REGEXP (integer)
ID of "validate_regexp" filter.

FILTER_VALIDATE_URL (integer)
ID of "validate_url" filter.

FILTER_VALIDATE_EMAIL (integer)
ID of "validate_email" filter.

FILTER_VALIDATE_IP (integer)
ID of "validate_ip" filter.

FILTER_DEFAULT (integer)
ID of default ("string") filter.

FILTER_UNSAFE_RAW (integer)
ID of "unsafe_raw" filter.

FILTER_SANITIZE_STRING (integer)
ID of "string" filter.

FILTER_SANITIZE_STRIPPED (integer)
ID of "stripped" filter.

FILTER_SANITIZE_ENCODED (integer)
ID of "encoded" filter.

FILTER_SANITIZE_SPECIAL_CHARS (integer)
ID of "special_chars" filter.

FILTER_SANITIZE_EMAIL (integer)
ID of "email" filter.

FILTER_SANITIZE_URL (integer)
ID of "url" filter.

FILTER_SANITIZE_NUMBER_INT (integer)
ID of "number_int" filter.

FILTER_SANITIZE_NUMBER_FLOAT (integer)
ID of "number_float" filter.

FILTER_SANITIZE_MAGIC_QUOTES (integer)
ID of "magic_quotes" filter.

FILTER_CALLBACK (integer)
ID of "callback" filter.

FILTER_FLAG_ALLOW_OCTAL (integer)
Allow octal notation (0[0-7]+) in "int" filter.

FILTER_FLAG_ALLOW_HEX (integer)
Allow hex notation (0x[0-9a-fA-F]+) in "int" filter.

FILTER_FLAG_STRIP_LOW (integer)
Strip characters with ASCII value less than 32.

FILTER_FLAG_STRIP_HIGH (integer)
Strip characters with ASCII value greater than 127.

LC_ALL
LC_MESSAGES
STR_PAD_LEFT
STR_PAD_RIGHT
STR_PAD_BOTH

PHP Date/Time Functions

checkdate()
Validate a Gregorian date
example
----

date_add()
Alias of DateTime::add
example
----

date_create_from_format()
Alias of DateTime::createFromFormat
example
----

date_create()
Alias of DateTime::__construct
example
----

date_date_set()
Alias of DateTime::setDate
example
----

date_default_timezone_get()
*Gets the default timezone used by all date/time
functions in a script*
example
----

date_default_timezone_set()
*Sets the default timezone used by all date/time
functions in a script*
example
----

date_diff()
Alias of DateTime::diff
example
----

date_format()
Alias of DateTime::format
example
----

date_get_last_errors()
Alias of DateTime::getLastErrors
example
----

date_interval_create_from_date_string()
Alias of DateInterval::createFromDateString
example
----

date_interval_format()
Alias of DateInterval::format
example
----

date_isodate_set()
Alias of DateTime::setISODate
example
----

date_modify()
Alias of DateTime::modify
example
----

date_offset_get()
Alias of DateTime::getOffset
example
----

date_parse_from_format()
Get info about given date formatted according to the

FILTER_FLAG_ENCODE_LOW (integer)
Encode characters with ASCII value less than 32.

FILTER_FLAG_ENCODE_HIGH (integer)
Encode characters with ASCII value greater than 127.

FILTER_FLAG_ENCODE_AMP (integer)
Encode &.

FILTER_FLAG_NO_ENCODE_QUOTES (integer)
Don't encode ' and ".

FILTER_FLAG_EMPTY_STRING_NULL (integer)
(No use for now.)

FILTER_FLAG_ALLOW_FRACTION (integer)
Allow fractional part in "number_float" filter.

FILTER_FLAG_ALLOW_THOUSAND (integer)
Allow thousand separator (,) in "number_float" filter.

FILTER_FLAG_ALLOW_SCIENTIFIC (integer)
Allow scientific notation (e, E) in "number_float" filter.

FILTER_FLAG_PATH_REQUIRED (integer)
Require path in "validate_url" filter.

FILTER_FLAG_QUERY_REQUIRED (integer)
Require query in "validate_url" filter.

FILTER_FLAG_IPV4 (integer)
Allow only IPv4 address in "validate_ip" filter.

FILTER_FLAG_IPV6 (integer)
Allow only IPv6 address in "validate_ip" filter.

FILTER_FLAG_NO_RES_RANGE (integer)
Deny reserved addresses in "validate_ip" filter.

FILTER_FLAG_NO_PRIV_RANGE (integer)
Deny private addresses in "validate_ip" filter.

PHP Misc Functions

connection_aborted
Check whether client disconnected
example
----

connection_status
Returns connection status bitfield
example
----

connection_timeout
Check if the script timed out
example
----

constant
Returns the value of a constant
example
----

define
Defines a named constant
example
----

defined
Checks whether a given named constant exists
example
----

die
Equivalent to exit
example

specified format
example

----

date_parse()
Returns associative array with detailed info about given date
example

----

date_sub()
Alias of DateTime::sub
example

----

date_sun_info()
Returns an array with information about sunset/sunrise and twilight begin/end
example

----

date_sunrise()
Returns time of sunrise for a given day and location
example

----

date_sunset()
Returns time of sunset for a given day and location
example

----

date_time_set()
Alias of DateTime::setTime
example

----

date_timestamp_get()
Alias of DateTime::getTimestamp
example

----

date_timestamp_set()
Alias of DateTime::setTimestamp
example

----

date_timezone_get()
Alias of DateTime::getTimezone
example

----

date_timezone_set()
Alias of DateTime::setTimezone
example

----

date()
Format a local time/date
http://hu1.php.net/manual/en/function.date.php
example

----

getdate()
Get date/time information
example

----

gettimeofday()
Get current time
example

----

gmdate()
Format a GMT/UTC date/time
example

----

gmmktime()
Get Unix timestamp for a GMT date
example

----

gmstrftime()
Format a GMT/UTC time/date according to locale settings
example

----

eval
Evaluate a string as PHP code
example

----

exit
Output a message and terminate the current script
example

----

get_browser
Tells what the user's browser is capable of
example

__halt_compiler
Halts the compiler execution
example

----

highlight_file
Syntax highlighting of a file
example

----

highlight_string
Syntax highlighting of a string
example

----

ignore_user_abort
Set whether a client disconnect should abort script execution
example

----

pack
Pack data into binary string
example

----

php_check_syntax
Check the PHP syntax of (and execute) the specified file
example

----

php_strip_whitespace
Return source with stripped comments and whitespace
example

----

show_source
Alias of highlight_file
example

----

sleep
Delay execution
example

----

sys_getloadavg
Gets system load average
example

----

time_nanosleep
Delay for a number of seconds and nanoseconds
example

----

time_sleep_until
Make the script sleep until the specified time
example

----

uniqid
Generate a unique ID
example

----

unpack
Unpack data from binary string
example

idate()

Format a local time/date as integer

example

----

localtime()

Get the local time

example

----

microtime()

Return current Unix timestamp with microseconds

example

----

mktime()

Get Unix timestamp for a date

example

----

strftime()

Format a local time/date according to locale settings

http://hu1.php.net/manual/en/function.strftime.php

example

----

strptime()

Parse a time/date generated with strftime

example

----

strtotime()

Parse about any English textual datetime description into a Unix timestamp

example

----

time()

Return current Unix timestamp

example

----

timezone_abbreviations_list()

Alias of DateTimeZone::listAbbreviations

example

----

timezone_identifiers_list()

Alias of DateTimeZone::listIdentifiers

example

----

timezone_location_get()

Alias of DateTimeZone::getLocation

example

----

timezone_name_from_abbr()

Returns the timezone name from abbreviation

example

----

timezone_name_get()

Alias of DateTimeZone::getName

example

----

timezone_offset_get()

Alias of DateTimeZone::getOffset

example

----

timezone_open()

Alias of DateTimeZone::__construct

example

----

timezone_transitions_get()

Alias of DateTimeZone::getTransitions

example

----

timezone_version_get()

Gets the version of the timezonedb

example

----

usleep

Delay execution in microseconds

example

MISC. CONSTANTS

CONNECTION_ABORTED (integer)

CONNECTION_NORMAL (integer)

CONNECTION_TIMEOUT (integer)

__COMPILER_HALT_OFFSET__ (integer)

Added in PHP 5.1.

DATE/TIME CONSTANTS

DATE_ATOM

Atom

example: 2005-08-15T16:13:03+0000

DATE_COOKIE

HTTP Cookies

example: Sun, 14 Aug 2005 16:13:03 UTC

DATE_ISO8601

ISO-8601

example: 2005-08-14T16:13:03+0000

DATE_RFC822

RFC 822

example: Sun, 14 Aug 2005 16:13:03 UTC

DATE_RFC850

RFC 850

example: Sunday, 14-Aug-05 16:13:03 UTC

DATE_RFC1036

RFC 1036

example: Sunday, 14-Aug-05 16:13:03 UTC

DATE_RFC1123

RFC 1123

example: Sun, 14 Aug 2005 16:13:03 UTC

DATE_RFC2822

RFC 2822

Sun, 14 Aug 2005 16:13:03 +0000

DATE_RSS

RSS

Sun, 14 Aug 2005 16:13:03 UTC

DATE_W3C

World Wide Web Consortium

example: 2005-08-14T16:13:03+0000

PHP Calendar Functions

cal_days_in_month()

Return the number of days in a month for a given year and calendar

example

----

cal_from_jd()

Converts from Julian Day Count to a supported calendar

example

----

cal_info()

Returns information about a particular calendar

example

----

cal_to_jd()

Converts from a supported calendar to Julian Day Count

example

----

easter_date()

Get Unix timestamp for midnight on Easter of a given year

example

----

easter_days()

Get number of days after March 21 on which Easter

falls for a given year
example

FrenchToJD()
Converts a date from the French Republican Calendar to a Julian Day Count
example

GregorianToJD()
Converts a Gregorian date to Julian Day Count
example

JDDayOfWeek()
Returns the day of the week
example

JDMonthName()
Returns a month name
example

JDToFrench()
Converts a Julian Day Count to the French Republican Calendar
example

JDToGregorian()
Converts Julian Day Count to Gregorian date
example

----

jdtojewish()
Converts a Julian day count to a Jewish calendar date
example

JDToJulian()
Converts a Julian Day Count to a Julian Calendar Date
example

----

jdtounix()
Convert Julian Day to Unix timestamp
example

JewishToJD()
Converts a date in the Jewish Calendar to Julian Day Count
example

JulianToJD()
Converts a Julian Calendar date to Julian Day Count
example

----

unixtojd()
*Convert Unix timestamp to Julian Day
example

CALENDAR CONSTANTS

CAL_GREGORIAN
Gregorian calendar

CAL_JULIAN
Julian calendar

CAL_JEWISH
Jewish calendar

CAL_FRENCH

French Republican calendar

CAL_NUM_CALS

CAL_DOW_DAYNO

CAL_DOW_SHORT

CAL_DOW_LONG

CAL_MONTH_GREGORIAN_SHORT

CAL_MONTH_GREGORIAN_LONG

CAL_MONTH_JULIAN_SHORT

CAL_MONTH_JULIAN_LONG

CAL_MONTH_JEWISH

CAL_MONTH_FRENCH

CAL_EASTER_DEFAULT

CAL_EASTER_ROMAN

CAL_EASTER_ALWAYS_GREGORIAN

CAL_EASTER_ALWAYS_JULIAN

CAL_JEWISH_ADD_ALAFIM_GERESH

CAL_JEWISH_ADD_ALAFIM

CAL_JEWISH_ADD_GERESHAYIM

Cheat Sheet

This cheat sheet was published on 8th December, 2012 and was last updated on 12th December, 2012.