

PHP TOC I

PHP Control Structures

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2456

PHP Function handling Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2462

PHP Operators

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2474

PHP Logical Operators

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2457

PHP Arithmetic Operators

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PHP Incrementing/Decrementing Operators

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PHP Bitwise Operators

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PHP Comparison Operators

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PHP Math Functions

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PHP XML Manipulation Functions

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PHP Network Functions

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PHP Error Handling Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2450

More PHP Cheat Sheet

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2453

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

<http://php.net/manual/en/control-structures.break.php>

continue

<http://php.net/manual/en/control-structures.continue.php>

switch

<http://php.net/manual/en/control-structures.switch.php>

declare

<http://php.net/manual/en/control-structures.declare.php>

return

<http://php.net/manual/en/function.return.php>

require

<http://php.net/manual/en/function.require.php>

include

<http://php.net/manual/en/function.include.php>

PHP Control Structures (cont)

require_once

<http://php.net/manual/en/function.require-once.php>

include_once

<http://php.net/manual/en/function.include-once.php>

goto

<http://php.net/manual/en/control-structures.goto.php>

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()



PHP Function handling Functions (cont)

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()

Register a function for execution on each tick

example

unregister_tick_function()

*De-register a function for execution on each tick

example

PHP Operators

■ Operators

<http://php.net/manual/en/language.operators.php>

■ What does this symbol mean in PHP?

<http://stackoverflow.com/questions/3737139/reference-what-does-this-symbol-mean-in-php>

PHP Logical Operators

| Exam ple | 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

| Exam ple | 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

| Exam ple | 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

| Exam ple | 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. |
| $\$a$ ^ $\$b$ | Xor (exclusive or) | Bits that are set in $\$a$ or $\$b$ but not both are set. |
| $\sim \$a$ | 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

| Exam ple | 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. |



PHP Comparison Operators (cont)

| | | |
|----------------------------|--------------------------|--|
| <code>\$a < \$b</code> | Less than | TRUE if \$a is strictly less than \$b. |
| <code>\$a > \$b</code> | Greater than | TRUE if \$a is strictly greater than \$b. |
| <code>\$a <= \$b</code> | Less than or equal to | TRUE if \$a is less than or equal to \$b. |
| <code>\$a >= \$b</code> | 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 |

PHP Comparison Operators (cont)

| | | |
|--------|----------|---|
| 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 |

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 |

PHP Math Functions (cont)

| | |
|-----------------------|---|
| 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() | |



PHP Math Functions (cont)

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()

Calculates the exponent of e

example

expm1()

Returns $\exp(\text{number}) - 1$, 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

PHP Math Functions (cont)

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

PHP Math Functions (cont)

log1p()

Returns $\log(1 + \text{number})$, 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

example

mt_rand()

Generate a better random value

example

mt_srand()

Seed the better random number generator

example

octdec()

Octal to decimal



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PHP Math Functions (cont)

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

PHP Math Functions (cont)

example

srand()

Seed the random number generator

example

tan()

Tangent

example

tanh()

Hyperbolic tangent

example

PHP XML Manipulation Functions

DOM

dom_import_simplexml()

Gets a DOMElement object from a SimpleXMLElement object

example

DOM CONSTANTS

<http://php.net/manual/en/dom.constants.php>

LIBXML

libxml_clear_errors()

Clear libxml error buffer

PHP XML Manipulation Functions (cont)

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

<http://php.net/manual/en/libxml.constants.php>



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PHP XML Manipulation Functions (cont)

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

xml_error_string()

Get XML parser error string

example

xml_get_current_byte_index()

Get current byte index for an XML parser

PHP XML Manipulation Functions (cont)

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

PHP XML Manipulation Functions (cont)

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



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PHP XML Manipulation Functions (cont)

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)

PHP XML Manipulation Functions (cont)

XML_ERROR_BAD_CHAR_REF (integer)

XML_ERROR_BINARY_ENTITY_REF

(integer)

XML_ERROR_ATTRIBUTE_EXTERNAL_ENTITY_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

dns_check_record()

Alias of checkdnsrr

example

dns_get_mx()

Alias of getmxrr

PHP Network Functions (cont)

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

gethostbyname_list()

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



PHP Network Functions (cont)

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

headers_list()

PHP Network Functions (cont)

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

PHP Network Functions (cont)

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

syslog()

Generate a system log message

example



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PHP Network Functions (cont)

NETWORK CONSTANTS

**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()

PHP Network Functions (cont)

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)*

PHP Network Functions (cont)

LOG_EMERG()

system is unusable

LOG_ALERT()

action must be taken immediately

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



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PHP Network Functions (cont)

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.

PHP Error Handling Functions

■ 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.

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

PHP Error Handling Functions (cont)

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>



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More PHP Cheat Sheet

<http://overapi.com/php/>

<http://www.cheatography.com/davechild/cheat-sheets/php/>

<http://www.cheatography.com/guslong/cheat-sheets/php-syntax-for-beginners/>

<http://www.cheatography.com/mkpeacock/cheat-sheets/php-fundamentals/>

<http://www.cheatography.com/media-slave/cheat-sheets/php-cheatsheet/>

http://www.dreamincode.net/downloads/ref_sheets/php_reference_sheet.pdf

<http://www.digilife.be/quickreferences/QRC/PHP%20Cheat%20Sheet.pdf>

http://www.sk89q.com/content/2010/04/phpsec_cheatsheet.pdf

<http://i.emezeta.com/weblog/emezeta-php-card-v0.2.png>

<http://www.dummies.com/how-to/content/php-mysql-for-dummies-cheat-sheet.html> (PHP + MySQL)

http://opendir.hu/tmp/pub/files/cheatsheet/php_mysql/php_mysql_cheatsheet.png (PHP + MySQL)

More PHP Cheat Sheet (cont)

http://opendir.hu/tmp/pub/files/cheatsheet/array_string_php_cheatsheet.png

<http://www.digilife.be/quickreferences/QRC/PHP%20Reference%20Card.pdf>

<http://www.visibone.com/php/phpskinnysheetback.gif>

<http://roshanbh.com.np/2008/05/useful-server-variables-php.html>

http://webcheatsheet.com/php/regular_expressions.php (PHP + REGEX)

PHP TOC II

PHP Predefined Variables

http://www.cheatography.com/krabat1/cheatsheets/php/#title_706_2455

PHP Array Functions

http://www.cheatography.com/krabat1/cheatsheets/php/#title_706_2435

PHP String Functions

http://www.cheatography.com/krabat1/cheatsheets/php/#title_706_2436

PHP Date/Time Functions

http://www.cheatography.com/krabat1/cheatsheets/php/#title_706_2437

PHP Calendar Functions

http://www.cheatography.com/krabat1/cheatsheets/php/#title_706_2438

Code Vault



Many thx for the **Code Vault!**

<http://cdv.lt>

Chrome Extension:

<https://chrome.google.com/webstore/detail/jlkbbp-mihbehjcabecbknmddmknconbf>

PHP Predefined Variables

Superglobals

Superglobals 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

References all variables available in global scope

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

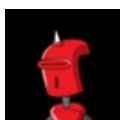
\$_SERVER

Server and execution environment information

■ **8 useful server variables available in**

PHP: <http://cdv.lt/Hs>

\$_SERVER['PHP_SELF']



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PHP Predefined Variables (cont)

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.

PHP Predefined Variables (cont)

`$_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 accessed.

`$_SERVER['DOCUMENT_ROOT']`

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

`$_SERVER['HTTP_ACCEPT']`

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

PHP Predefined Variables (cont)

`$_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/l5>

`$_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']`



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PHP Predefined Variables (cont)

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 communicate with the web server.

\$_SERVER['REMOTE_USER']

The authenticated user.

PHP Predefined Variables (cont)

\$_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.

PHP Predefined Variables (cont)

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']

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

\$_SERVER['AUTH_TYPE']



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PHP Predefined Variables (cont)

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

PHP Predefined Variables (cont)

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.

\$_COOKIE

HTTP Cookies

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

PHP Predefined Variables (cont)

\$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>



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PHP Predefined Variables (cont)

\$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 that was used to run the script.

Note: This variable is not available when register_argc_argv is disabled.

PHP Array Functions

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>

PHP Array Functions (cont)

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>

PHP Array Functions (cont)

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

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



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PHP Array Functions (cont)

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

PHP Array Functions (cont)

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

array_replace()

Replaces elements from passed arrays into the first array

example

array_reverse()

Return an array with elements in reverse order

example

PHP Array Functions (cont)

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



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PHP Array Functions (cont)

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

array_values()

Return all the values of an array

PHP Array Functions (cont)

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

PHP Array Functions (cont)

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



PHP Array Functions (cont)

range()

Create an array containing a range of elements

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()

PHP Array Functions (cont)

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

PHP Array Functions (cont)

usort()

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

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



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PHP Array Functions (cont)

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

addslashes()

Quote string with slashes in a C style

example

addslashes()

Quote string with slashes

example

bin2hex()

Convert binary data into hexadecimal representation

example

PHP String Functions (cont)

chop()

Alias of rtrim

example

chr()

Return a specific character

example

chunk_split()

Split a string into smaller chunks

example

convert_cyr_string()

Convert from one Cyrillic character set to another

example

convert_uuencode()

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

PHP String Functions (cont)

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

hebrew()

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



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PHP String Functions (cont)

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()

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

PHP String Functions (cont)

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()

PHP String Functions (cont)

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

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



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PHP String Functions (cont)

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

PHP String Functions (cont)

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

str_shuffle()

Randomly shuffles a string

PHP String Functions (cont)

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



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PHP String Functions (cont)

stripslashes()

Un-quote string quoted with addslashes

example

stripos()

Find the position of the first occurrence of a case-insensitive 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()

PHP String Functions (cont)

Binary safe case-insensitive string comparison of the first n characters

example

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

stripos()

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

example

strrpos()

PHP String Functions (cont)

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



PHP String Functions (cont)

substr_count()

Count the number of substring occurrences

example

substr_replace()

Replace text within a portion of a string

example

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

PHP String Functions (cont)

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

PHP String Functions (cont)

Set to 1 if the Blowfish encryption with a 16 character salt starting with \$2\$ or \$2a\$ is supported, 0 otherwise

HTML_SPECIALCHARS

HTML_ENTITIES

ENT_COMPAT

ENT_QUOTES

ENT_NOQUOTES

CHAR_MAX

LC_CTYPE

LC_NUMERIC

LC_TIME

LC_COLLATE

LC_MONETARY

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



PHP Date/Time Functions (cont)

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

PHP Date/Time Functions (cont)

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 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

PHP Date/Time Functions (cont)

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



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PHP Date/Time Functions (cont)

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

idate()

Format a local time/date as integer

example

localtime()

Get the local time

example

microtime()

Return current Unix timestamp with microseconds

example

PHP Date/Time Functions (cont)

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

strtotime()

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()

PHP Date/Time Functions (cont)

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

DATE/TIME CONSTANTS

DATE_ATOM

Atom



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PHP Date/Time Functions (cont)

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

PHP Date/Time Functions (cont)

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

PHP Calendar Functions (cont)

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



PHP Calendar Functions (cont)

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

PHP Calendar Functions (cont)

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

PHP TOC III

PHP PCRE Functions (REGEX)

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2454

PHP Mail Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2442

PHP MySQL Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2439

PHP Filesystem Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2443

PHP Directory Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2444

PHP TOC III (cont)

PHP FTP Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2445

PHP ZIP Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2446

PHP Filter Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2451

PHP Misc Functions

http://www.cheatography.com/krabat1/cheat-sheets/php/#title_706_2449

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



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PHP PCRE Functions (REGEX) (cont)

preg_replace_callback()

Perform a regular expression search and replace using a callback

example

preg_replace()

Perform a regular expression search and replace

example

preg_split()

*Split string by a regular expression

example

PCRE CONSTANTS

<http://hu2.php.net/manual/en/pcre.constants.php>

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

PHP MySQL Functions (cont)

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

PHP MySQL Functions (cont)

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

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



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PHP MySQL Functions (cont)

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

PHP MySQL Functions (cont)

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

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()

PHP MySQL Functions (cont)

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()



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PHP MySQL Functions (cont)

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()

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

PHP MySQL Functions (cont)

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

example

dirname()

Returns parent directory's path

example

disk_free_space()



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PHP Filesystem Functions (cont)

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

PHP Filesystem Functions (cont)

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

PHP Filesystem Functions (cont)

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



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PHP Filesystem Functions (cont)

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

PHP Filesystem Functions (cont)

fstat()

Gets information about a file using an open file

pointer

example

ftell()

Returns the current position of the file

read/write 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

PHP Filesystem Functions (cont)

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_writable()

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



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PHP Filesystem Functions (cont)

linkinfo()

Gets information about a link

example

lstat()

Gives information about a file or symbolic link

example

mkdir()

Makes directory

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

PHP Filesystem Functions (cont)

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

PHP Filesystem Functions (cont)

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

tmpfile()

Creates a temporary file

example

touch()

Sets access and modification time of file

example

umask()

Changes the current umask

example



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PHP Filesystem Functions (cont)

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.

PHP Filesystem Functions (cont)

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)

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.

PHP Filesystem Functions (cont)

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



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PHP Directory Functions (cont)

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)

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()

PHP FTP Functions (cont)

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



PHP FTP Functions (cont)

ftp_nb_fget()

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

PHP FTP Functions (cont)

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

PHP FTP Functions (cont)

ftp_ssl_connect()

Opens an Secure SSL-FTP connection

example

ftp_systype()

Returns the system type identifier of the remote FTP server

example

FTP CONSTANTS

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)



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PHP FTP Functions (cont)

Asynchronous transfer has failed

FTP_FINISHED (integer)

Asynchronous transfer has finished

FTP_MOREDATA (integer)

Asynchronous transfer is still active

PHP ZIP Functions

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

PHP ZIP Functions (cont)

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

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.

PHP ZIP Functions (cont)

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



PHP ZIP Functions (cont)

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

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

PHP ZIP Functions (cont)

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_TMOPEN (integer)
Failure to create temporary file.

ZIPARCHIVE::ER_ZLIB (integer)
Zlib error

PHP ZIP Functions (cont)

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_INVALID (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)
Entry has been deleted



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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

PHP Filter Functions (cont)

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.

PHP Filter Functions (cont)

FILTER_FORCE_ARRAY (integer)

Always returns an array.

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.



PHP Filter Functions (cont)

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.

PHP Filter Functions (cont)

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.

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 ".

PHP Filter Functions (cont)

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.



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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

eval

Evaluate a string as PHP code

example

exit

PHP Misc Functions (cont)

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 Misc Functions (cont)

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



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PHP Misc Functions (cont)

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.



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