

PHP Functions

INTRODUCTION PHP

Built-in Functions

PHP comes with a pretty large set of features that are already built into it. Most of them are available as plain functions that can be called from anywhere in your code.

When PHP first became really popular, object oriented programming was not nearly as widely adopted as today and PHP adopted the style of the C programming language that also uses globally available functions. Later, mostly after PHP 5 was widely in use, some of the core functionality was also made available via classes.

In today's PHP, the "old way" of just calling functions is still available and it's often the only way to access a feature of the PHP runtime. Some things have also gotten object oriented API's (like DateTime) and some new features are only available as object oriented APIs like the classes from the SPL (Standard PHP Library).

Built-in Functions

php.net/manual/en/indexes.functions.php

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- a
 - [abs](#) - Absolute value
 - [acos](#) - Arc cosine
 - [acosh](#) - Inverse hyperbolic cosine
 - [addslashes](#) - Quote string with slashes in a C style
 - [addslashes](#) - Quote string with slashes
 - [apache_child_terminate](#) - Terminate apache process after this request
 - [apache_getenv](#) - Get an Apache subprocess_env variable
 - [apache_get_modules](#) - Get a list of loaded Apache modules
 - [apache_get_version](#) - Fetch Apache version
 - [apache_lookup_uri](#) - Perform a partial request for the specified URI and return all info about it
 - [apache_note](#) - Get and set apache request notes
 - [apache_request_headers](#) - Fetch all HTTP request headers
 - [apache_reset_timeout](#) - Reset the Apache write timer
 - [apache_response_headers](#) - Fetch all HTTP response headers
 - [apache_setenv](#) - Set an Apache subprocess_env variable
 - [APCIterator::current](#) - Get current item
 - [APCIterator::getTotalCount](#) - Get total count
 - [APCIterator::getTotalHits](#) - Get total cache hits
 - [APCIterator::getTotalSize](#) - Get total cache size

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- [XMLReader::close](#) - Close the XMLReader input
- [XMLReader::expand](#) - Returns a copy of the current node as a DOM object
- [XMLReader::getAttribute](#) - Get the value of a named attribute
- [XMLReader::getAttributeNo](#) - Get the value of an attribute by index
- [XMLReader::getAttributeNs](#) - Get the value of an attribute by localname and URI
- [XMLReader::getParserProperty](#) - Indicates if specified property has been set
- [XMLReader::isValid](#) - Indicates if the parsed document is valid
- [XMLReader::lookupNamespace](#) - Lookup namespace for a prefix
- [XMLReader::moveToAttribute](#) - Move cursor to a named attribute
- [XMLReader::moveToAttributeNo](#) - Move cursor to an attribute by index
- [XMLReader::moveToAttributeNs](#) - Move cursor to a named attribute
- [XMLReader::moveToElement](#) - Position cursor on the parent Element of current Attribute
- [XMLReader::moveToFirstAttribute](#) - Position cursor on the first Attribute
- [XMLReader::moveToNextAttribute](#) - Position cursor on the next Attribute
- [XMLReader::next](#) - Move cursor to next node skipping all subtrees
- [XMLReader::open](#) - Set the URI containing the XML to parse
- [XMLReader::read](#) - Move to next node in document
- [XMLReader::readInnerXML](#) - Retrieve XML from current node
- [XMLReader::readOuterXML](#) - Retrieve XML from current node, including itself
- [XMLReader::readString](#) - Reads the contents of the current node as a string

PHP User Defined Functions

A function is a block of statements that can be used repeatedly in a program.

A function will not execute immediately when a page loads.

A function will be executed by a call to the function.

A function name can start with a letter or underscore (not a number).

Function names are NOT case-sensitive

Information can be passed to functions through arguments. An argument is just like a variable.

Arguments are specified after the function name, inside the parentheses.

PHP User Defined Functions

```
<?php
function familyName($fname, $year) {
    echo "$fname Refsnes. Born in $year <br>";
}

familyName("Hege", "1975");
familyName("Stale", "1978");
familyName("Kai Jim", "1983");
?>
```

PHP User Defined Functions (RETURN)

```
<?php
function sum($x, $y) {
    $z = $x + $y;
    return $z;
}

echo "5 + 10 = " . sum(5, 10) . "<br>";
echo "7 + 13 = " . sum(7, 13) . "<br>";
echo "2 + 4 = " . sum(2, 4);
?>
```