

PHP Array Functions

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PHP Array Introduction

The array functions allow you to access and manipulate arrays.

Simple and multi-dimensional arrays are supported.

Installation

The array functions are part of the PHP core. There is no installation needed to use these functions.

PHP Array Functions

Function	Description
<u>array()</u>	Creates an array
<u>array_change_key_case()</u>	Changes all keys in an array to lowercase or uppercase
<u>array_chunk()</u>	Splits an array into chunks of arrays
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<u>array_combine()</u>	Creates an array by using the elements from one "keys" array and one "values" array
<u>array_count_values()</u>	Counts all the values of an array
<u>array_diff()</u>	Compare arrays, and returns the differences (compare values only)
<u>array_diff_assoc()</u>	Compare arrays, and returns the differences (compare keys and values)
<u>array_diff_key()</u>	Compare arrays, and returns the differences (compare keys only)
<u>array_diff_uassoc()</u>	Compare arrays, and returns the differences (compare keys and values, using a user-defined key comparison function)
<u>array_diff_ukey()</u>	Compare arrays, and returns the differences (compare keys only, using a user-defined key comparison function)
<u>array_fill()</u>	Fills an array with values
<u>array_fill_keys()</u>	Fills an array with values, specifying keys
<u>array_filter()</u>	Filters the values of an array using a callback function
<u>array_flip()</u>	Flips/Exchanges all keys with their associated values in an array
<u>array_intersect()</u>	Compare arrays, and returns the matches (compare values only)
<u>array_intersect_assoc()</u>	Compare arrays and returns the matches (compare keys and values)
<u>array_intersect_key()</u>	Compare arrays, and returns the matches (compare keys only)
<u>array_intersect_uassoc()</u>	Compare arrays, and returns the matches (compare keys and values, using a user-defined key comparison function)
<u>array_intersect_ukey()</u>	Compare arrays, and returns the matches (compare keys only, using a user-defined key comparison function)



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<u>array_keys()</u>	Returns all the keys of an array
<u>array_map()</u>	Sends each value of an array to a user-made function, which returns new values
<u>array_merge()</u>	Merges one or more arrays into one array
<u>array_merge_recursive()</u>	Merges one or more arrays into one array recursively
<u>array_multisort()</u>	Sorts multiple or multi-dimensional arrays
<u>array_pad()</u>	Inserts a specified number of items, with a specified value, to an array
<u>array_pop()</u>	Deletes the last element of an array
<u>array_product()</u>	Calculates the product of the values in an array
<u>array_push()</u>	Inserts one or more elements to the end of an array
<u>array_rand()</u>	Returns one or more random keys from an array
<u>array_reduce()</u>	Returns an array as a string, using a user-defined function
<u>array_replace()</u>	Replaces the values of the first array with the values from following arrays
<u>array_replace_recursive()</u>	Replaces the values of the first array with the values from following arrays recursively
<u>array_reverse()</u>	Returns an array in the reverse order
<u>array_search()</u>	Searches an array for a given value and returns the key
<u>array_shift()</u>	Removes the first element from an array, and returns the value of the removed element
<u>array_slice()</u>	Returns selected parts of an array
<u>array_splice()</u>	Removes and replaces specified elements of an array
<u>array_sum()</u>	Returns the sum of the values in an array
<u>array_udiff()</u>	Compare arrays, and returns the differences (compare values only, using a user-defined key comparison function)

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	(compare keys and values, using a built-in function to compare the keys and a user-defined function to compare the values)
<u>array_udiff_uassoc()</u>	Compare arrays, and returns the differences (compare keys and values, using two user-defined key comparison functions)
<u>array_uintersect()</u>	Compare arrays, and returns the matches (compare values only, using a user-defined key comparison function)
<u>array_uintersect_assoc()</u>	Compare arrays, and returns the matches (compare keys and values, using a built-in function to compare the keys and a user-defined function to compare the values)
<u>array_uintersect_uassoc()</u>	Compare arrays, and returns the matches (compare keys and values, using two user-defined key comparison functions)
<u>array_unique()</u>	Removes duplicate values from an array
<u>array_unshift()</u>	Adds one or more elements to the beginning of an array
<u>array_values()</u>	Returns all the values of an array
<u>array_walk()</u>	Applies a user function to every member of an array
<u>array_walk_recursive()</u>	Applies a user function recursively to every member of an array
<u>arsort()</u>	Sorts an associative array in descending order, according to the value
<u>asort()</u>	Sorts an associative array in ascending order, according to the value
<u>compact()</u>	Create array containing variables and their values
<u>count()</u>	Returns the number of elements in an array
<u>current()</u>	Returns the current element in an array
<u>each()</u>	Deprecated from PHP 7.2. Returns the current key and value pair from an array



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<u>extract()</u>	Imports variables into the current symbol table from an array
<u>in_array()</u>	Checks if a specified value exists in an array
<u>key()</u>	Fetches a key from an array
<u>krsort()</u>	Sorts an associative array in descending order, according to the key
<u>ksort()</u>	Sorts an associative array in ascending order, according to the key
<u>list()</u>	Assigns variables as if they were an array
<u>natcasesort()</u>	Sorts an array using a case insensitive "natural order" algorithm
<u>natsort()</u>	Sorts an array using a "natural order" algorithm
<u>next()</u>	Advance the internal array pointer of an array
<u>pos()</u>	Alias of <u>current()</u> .
<u>prev()</u>	Rewinds the internal array pointer
<u>range()</u>	Creates an array containing a range of elements
<u>reset()</u>	Sets the internal pointer of an array to its first element
<u>rsort()</u>	Sorts an indexed array in descending order
<u>shuffle()</u>	Shuffles an array
<u>sizeof()</u>	Alias of <u>count()</u> .
<u>sort()</u>	Sorts an indexed array in ascending order
<u>uasort()</u>	Sorts an array by values using a user-defined comparison function
<u>uksort()</u>	Sorts an array by keys using a user-defined comparison function
<u>usort()</u>	Sorts an array using a user-defined comparison function

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