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array_count_values

(PHP 4, PHP 5, PHP 7, PHP 8)

array_count_values — Cuenta todos los valores de un array

Descripción ¶

array_count_values(array `$array`): array

array_count_values() retorna un array usando los valores de la matriz `array` como keys y su frecuencia en `array` como valores.

Parámetros ¶

`array`

Array de valores a contar

Valores devueltos ¶

Retorna un array asociativo de valores a partir de `array` como keys y su respectivo recuento como valores.

Errores/Excepciones ¶

Arroja un **`E_WARNING`** por cada elemento el cual no sea string o integer.

Ejemplos ¶

Ejemplo #1 Ejemplo de array_count_values()

```
<?php
$array = array(1, "hello", 1, "world", "hello");
print_r(array_count_values($array));
?>
```

El resultado del ejemplo sería:

```
Array
(
    [1] => 2
    [hello] => 2
    [world] => 1
)
```

Ver también ¶

- count() - Cuenta todos los elementos de un array o algo de un objeto
- array_unique() - Elimina valores duplicados de un array
- array_values() - Devuelve todos los valores de un array
- count_chars() - Devuelve información sobre los caracteres usados en una cadena

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User Contributed Notes 6 notes

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16
sergolucky96 at gmail dot com ¶
5 years ago

```
Simple way to find number of items with specific values in multidimensional array:

<?php

$list = [
  ['id' => 1, 'userId' => 5],
  ['id' => 2, 'userId' => 5],
  ['id' => 3, 'userId' => 6],
];
```

```
$userId = 5;

echo array_count_values(array_column($list, 'userId'))[$userId]; // outputs: 2
?>
```

up

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7

szczepan.krolgmail.c0m ¶

12 years ago

Here is a Version with one or more arrays, which have similar values in it:
Use $lower=true/false to ignore/set case Sensitiv.

```
<?php

$ar1[] = array("red","green","yellow","blue");
$ar1[] = array("green","yellow","brown","red","white","yellow");
$ar1[] = array("red","green","brown","blue","black","yellow");
#$ar1= array("red","green","brown","blue","black","red","green"); // Possible with one or multiple Array

$res = array_icount_values ($ar1);
print_r($res);

function array_icount_values($arr,$lower=true) {
     $arr2=array();
     if(!is_array($arr['0'])){$arr=array($arr);}
     foreach($arr as $k=> $v){
      foreach($v as $v2){
      if($lower==true) {$v2=strtolower($v2);}
      if(!isset($arr2[$v2])){
          $arr2[$v2]=1;
      }else{
           $arr2[$v2]++;
           }
    }
    }
    return $arr2;
}
/*
Will print:
```

```
Array
(
    [red] => 3
    [green] => 3
    [yellow] => 4
    [blue] => 2
    [brown] => 2
    [white] => 1
    [black] => 1
)
*/
?>
```

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rabies dot dostojevski at gmail dot com ¶

15 years ago

I couldn't find a function for counting the values with case-insensitive matching, so I wrote a quick and dirty solution myself:

```
<pre><?php
function array_icount_values($array) {
    $ret_array = array();
    foreach($array as $value) {
        foreach($ret_array as $key2 => $value2) {
            if(strtolower($key2) == strtolower($value)) {
                $ret_array[$key2]++;
                continue 2;
            }
        }
        $ret_array[$value] = 1;
    }
    return $ret_array;
}

$ar = array('J. Karjalainen', 'J. Karjalainen', 60, '60', 'J. Karjalainen', 'j. karjalainen', 'Fastway', 'FASTWAY', 'Fastway', 'fastway',
'YUP');
$ar2 = array_count_values($ar); // Normal matching
$ar = array_icount_values($ar); // Case-insensitive matching
print_r($ar2);
print_r($ar);
?></pre>

This prints:

Array
(
    [J. Karjalainen] => 3
    [60] => 2
    [j. karjalainen] => 1
    [Fastway] => 2
    [FASTWAY] => 1
    [fastway] => 1
    [YUP] => 1
)
Array
(
    [J. Karjalainen] => 4
    [60] => 2
    [Fastway] => 4
    [YUP] => 1
)

I don't know how efficient it is, but it seems to work. Needed this function in one of my scripts and thought I would share it.
```

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anvil_sa at NOSPAMNO dot hotmail dot com ¶

2 years ago

```
Based on sergolucky96 suggestion
Simple way to find number of items with specific *boolean* values in multidimensional array:

<?php

$list = [
  ['id' => 1, 'result' => true],
  ['id' => 2, 'result' => true],
  ['id' => 3, 'result' => false],
];
```

```
$result = true;

echo array_count_values(array_map(function($v) {return $v?'true':'false';},array_column($list, 'result')))[$result]
// outputs: 2

?>
```

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Dominic Vonk ¶

9 years ago

```
The case-insensitive version:

<?php
function array_count_values_ci($array) {
    $newArray = array();
    foreach ($array as $values) {
        if (!array_key_exists(strtolower($values), $newArray)) {
            $newArray[strtolower($values)] = 0;
        }
        $newArray[strtolower($values)] += 1;
    }
    return $newArray;
}
?>
```

up

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pmarcIatIgeneticsImedIharvardIedu ¶

19 years ago

```
array_count_values function does not work on multidimentional arrays.
If $score[][] is a bidimentional array, the command
"array_count_values ($score)" return the error message "Warning: Can only count STRING and INTEGER values!".
```

+ add a note

- Funciones de Arrays
    - array_change_key_case
    - array_chunk
    - array_column