

PHP Casting

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PHP Cast to String

```
<pre>
<?php
$a = 5;           // Integer
$b = 5.34;        // Float
$c = "hello";     // String
$d = true;        // Boolean
$e = NULL;        // NULL

$a = (string) $a;
$b = (string) $b;
$c = (string) $c;
$d = (string) $d;
$e = (string) $e;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
var_dump($d);
```

```
var_dump($e);
?>
</pre>
```

Cast to String

To cast to string, use the (string) statement:

```
string(1) "5"
string(4) "5.34"
string(5) "hello"
string(1) "1"
string(0) ""
```

Example 1

Result [View Example](#)

PHP Cast to Integer

```
<h2>Cast_to_Integer</h2>
<p>From w3schools.com, Experiment by Teeratus_R </p>
<pre>
<?php
$a = 5;          // Integer
$b = 5.34;       // Float
$c = "25 kilometers"; // String
$d = "kilometers 25"; // String
$e = "hello";    // String
$f = true;       // Boolean
$g = NULL;       // NULL

$a = (int) $a;
$b = (int) $b;
$c = (int) $c;
$d = (int) $d;
$e = (int) $e;
$f = (int) $f;
$g = (int) $g;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
var_dump($d);
var_dump($e);
var_dump($f);
```

```
var_dump($g);
?>
</pre>
```

Cast_to_Integer

From w3schools.com, Experiment by Teeratus_R

```
int(5)
int(5)
int(25)
int(0)
int(0)
int(1)
int(0)
```

Example 2

Result [View Example](#)

PHP Cast to Float

```
<h2>Cast to Float</h2>
    <p>To cast to float, use the (float) statement: </p>
    <pre>
<?php
$a = 5;          // Integer
$b = 5.34;       // Float
$c = "25 kilometers"; // String
$d = "kilometers 25"; // String
$e = "hello";    // String
$f = true;       // Boolean
$g = NULL;       // NULL

$a = (float) $a;
$b = (float) $b;
$c = (float) $c;
$d = (float) $d;
$e = (float) $e;
$f = (float) $f;
$g = (float) $g;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
```

```
var_dump($d);  
var_dump($e);  
var_dump($f);  
var_dump($g);  
?>  
</pre>
```

Cast to Float

To cast to float, use the (float) statement:

```
float(5)  
float(5.34)  
float(25)  
float(0)  
float(0)  
float(1)  
float(0)
```

Example 3

Result [View Example](#)

PHP Cast to Boolean

```
<h2>Cast_to_Boolean</h2>  
  <p>From w3schools.com, Experiment by Teeratus_R </p>  
  <pre>  
  <?php  
  $a = 5;      // Integer  
  $b = 5.34;   // Float  
  $c = 0;      // Integer  
  $d = -1;     // Integer  
  $e = 0.1;    // Float  
  $f = "hello"; // String  
  $g = "";     // String  
  $h = true;   // Boolean  
  $i = NULL;   // NULL  
  
  $a = (bool) $a;  
  $b = (bool) $b;  
  $c = (bool) $c;  
  $d = (bool) $d;  
  $e = (bool) $e;  
  $f = (bool) $f;  
  $g = (bool) $g;
```

```
$h = (bool) $h;
$i = (bool) $i;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
var_dump($d);
var_dump($e);
var_dump($f);
var_dump($g);
var_dump($h);
var_dump($i);
?>
</pre>
```

Cast_to_Boolean

From w3schools.com, Experiment by Teeratus_R

```
bool(true)
bool(true)
bool(false)
bool(true)
bool(true)
bool(true)
bool(false)
bool(true)
bool(false)
```

Example 4

Result [View Example](#)

PHP Cast to Array

```
<h2>Cast_to_Array</h2>
  <p>To cast to array, use the (array) statement:</p>
  <pre>
<?php
$a = 5;      // Integer
$b = 5.34;   // Float
$c = "hello"; // String
$d = true;   // Boolean
$e = NULL;   // NULL
```

```
$a = (array) $a;
$b = (array) $b;
$c = (array) $c;
$d = (array) $d;
$e = (array) $e;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
var_dump($d);
var_dump($e);
?>
</pre>
```

Cast_to_Array

To cast to array, use the (array) statement:

```
array(1) {
  [0]=>
    int(5)
}
array(1) {
  [0]=>
    float(5.34)
}
array(1) {
  [0]=>
    string(5) "hello"
}
array(1) {
  [0]=>
    bool(true)
}
array(0) {
}
```

Example 5

Result [View Example](#)

PHP Converting Objects into Arrays

<h2>Converting_Objects_into_Arrays</h2>

```

<pre>
<?php
class Car {
    public $color;
    public $model;
    public function __construct($color, $model) {
        $this->color = $color;
        $this->model = $model;
    }
    public function message() {
        return "My car is a " . $this->color . " " . $this->model . "!";
    }
}

$myCar = new Car("red", "Volvo");

$myCar = (array) $myCar;
var_dump($myCar);?>
</pre>

```

Converting_Objects_into_Arrays

```

array(2) {
    ["color"]=>
    string(3) "red"
    ["model"]=>
    string(5) "Volvo"
}

```

Example 6

Result [View Example](#)

PHP Cast to Object

```

<h2>Cast_to_Object</h2>
    <p>To cast to object, use the (object) statement: </p>
    <pre>
<?php
$a = 5;          // Integer
$b = 5.34;       // Float
$c = "hello";    // String
$d = true;       // Boolean
$e = NULL;       // NULL

$a = (object) $a;
$b = (object) $b;

```

```
$c = (object) $c;  
$d = (object) $d;  
$e = (object) $e;  
  
//To verify the type of any object in PHP, use the var_dump() function:  
var_dump($a);  
var_dump($b);  
var_dump($c);  
var_dump($d);  
var_dump($e);  
?>  
</pre>
```

Cast_to_Object

To cast to object, use the (object) statement:

```
object(stdClass)#1 (1) {  
    ["scalar"]=>  
    int(5)  
}  
object(stdClass)#2 (1) {  
    ["scalar"]=>  
    float(5.34)  
}  
object(stdClass)#3 (1) {  
    ["scalar"]=>  
    string(5) "hello"  
}  
object(stdClass)#4 (1) {  
    ["scalar"]=>  
    bool(true)  
}  
object(stdClass)#5 (0) {  
}
```

Example 7

Result [View Example](#)

PHP Converting Arrays into Objects

```
<h2>Converting_Arrays_into_Objects</h2>  
  
<pre>
```

```

<?php
$a = array("Volvo", "BMW", "Toyota"); // indexed array
$b = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43"); // associative array

$a = (object) $a;
$b = (object) $b;

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
?>
</pre>

```

Converting Arrays into Objects

```

    object(stdClass)#1 (3) {
        ["0"]=>
        string(5) "Volvo"
        ["1"]=>
        string(3) "BMW"
        ["2"]=>
        string(6) "Toyota"
    }
    object(stdClass)#2 (3) {
        ["Peter"]=>
        string(2) "35"
        ["Ben"]=>
        string(2) "37"
        ["Joe"]=>
        string(2) "43"
    }

```

Example 8

Result [View Example](#)

PHP Cast to NULL

```

<h2>Cast to NULL</h2>
<p>To cast to NULL, use the (unset) statement:</p>
<pre>
<?php
$a = 5;           // Integer
$b = 5.34;        // Float

```

```
$c = "hello"; // String
$d = true;    // Boolean
$e = NULL;    // NULL

unset($a);
unset($b);
unset($c);
unset($d);
unset($e);

//To verify the type of any object in PHP, use the var_dump() function:
var_dump($a);
var_dump($b);
var_dump($c);
var_dump($d);
var_dump($e);
?>
</pre>
```

Cast to NULL

To cast to NULL, use the (unset) statement:

```
Warning: Undefined variable $a in /Users/teeratus_r/GoogleDri'
NULL
```

```
Warning: Undefined variable $b in /Users/teeratus_r/GoogleDri'
NULL
```

```
Warning: Undefined variable $c in /Users/teeratus_r/GoogleDri'
NULL
```

```
Warning: Undefined variable $d in /Users/teeratus_r/GoogleDri'
NULL
```

```
Warning: Undefined variable $e in /Users/teeratus_r/GoogleDri'
NULL
```

Example 9

Result [View Example](#)

Document

Document in project

You can [Download PDF](#) file.

Reference