# PHP Variable Handling Functions

**PHP Variable Handling Functions** are the inbuilt PHP library functions that enable us to manipulate and test php variables in various ways.

## Installation

There is no installation needed to use PHP variable handling functions; they are part of the PHP core and comes alongwith standard PHP installation.

## Runtime Configuration

This extension has no configuration directives defined in php.ini.

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## PHP Variable Handling Functions

Following table lists down all the functions related to PHP Variable Handling. Here column version indicates the earliest version of PHP that supports the function.

| Sr.No | Function & Description | Version |
|---|---|---|
| 1 | **boolval()**<br>Function returns boolean value of a defined variable, i.e, it returns TRUE or FALSE. | 5.5.0 |
| 2 | **debug_zval_dump()**<br>Function is used to dump a string representation of an internal zend value to output. | 4.2.0 |
| 3 | **doubleval()**<br>Function is used to return the float value of a defined variable. | 4, 5, 7, 8 |
| 4 | **empty()**<br>Function is used to check if the defined variable has empty value. | 4, 5, 7, 8 |
| 5 | **floatval()**<br>Function used return the float value of a defined Variable. | 4.2.0, 5, 7, 8 |

| Sr.No | Function & Description | Version |
|:---:|:---|:---:|
| 6 | **get_defined_vars()**<br>Function is used to return all the defined variables as an array. | 4.0.4, 5, 7, 8 |
| 7 | **get_resource_id()**<br>Function is used to return an integer identifier for the given resource. | 8 |
| 8 | **get_resource_type()**<br>Function returns the type a resource of the variable defined. | 4.0.2, 5, 7, 8 |
| 9 | **gettype()**<br>Function returns the type of the variable defined. | 4, 5, 7, 8 |
| 10 | **intval()**<br>Function returns integer value of the defined variable. | 4, 5, 7, 8 |
| 11 | **is_array()**<br>Function is used to check if the defined variable is an array. | 4, 5, 7, 8 |
| 12 | **is_bool()**<br>Function is used to check if the defined variable is boolean, i.e, it returns true or false value. | 4, 5, 7, 8 |
| 13 | **is_callable()**<br>Function is used to check if the data in the variable can be called as a function | 4.0.6, 5, 7, 8 |
| 14 | **is_countable()**<br>Function is used to check if the data in the variable is countable. | 7.3.0, 8 |
| 15 | **is_double()**<br>Function is used to check if the variable defined is of the type float | 4, 5, 7, 8 |
| 16 | **is_float()**<br>Function is used to check if the variable defined is an float | 4, 5, 7, 8 |
| 17 | **is_int()**<br>Function is used to check if the variable defined is of the type integer | 4, 5, 7, 8 |
| 18 | **is_integer()**<br>Function is used to check if the variable defined is an integer. | 4, 5, 7, 8 |
| 19 | **is_iterable()**<br>Function is used to check if the data in the variable is an iterable value. | 7.1.0, 8 |

| Sr.No | Function & Description | Version |
|-------|------------------------|---------|
| 20 | **is_long()**<br>Function is used to check if the variable is of the type integer. | 4, 5, 7, 8 |
| 21 | **is_null()**<br>Function checks if the variable has NULL value. | 4.0.4, 5, 7, 8 |
| 22 | **is_numeric()**<br>Function is used to check if the defined variable is numeric or a numeric string. | 4, 5, 7, 8 |
| 23 | **is_object()**<br>Function is used to check if the variable is an object. | 4, 5, 7, 8 |
| 24 | **is_real()**<br>Function is used to check if the defined variable is of the type float or not. | 4, 5, 7, 8 |
| 25 | **is_resource()**<br>Function is used to check if the defined variable is resource. | 4, 5, 7, 8 |
| 26 | **is_scalar()**<br>Function is used to check if the defined variable is scalar. | 4.0.5, 5, 7, 8 |
| 27 | **is_string()**<br>Function is used to check if the defined variable is of the type string. | 4, 5, 7, 8 |
| 28 | **isset()**<br>Function is used to check if a variable is declared and set. | 4, 5, 7, 8 |
| 29 | **print_r()**<br>Function used to represent or print the data of a variable into a readable format. | 4, 5, 7, 8 |
| 30 | **serialize()**<br>Function used to convert the data of a variable into a storable representation, so that the data can be stored in a file, a memory buffer | 4, 5, 7, 8 |
| 31 | **settype()**<br>Function is used to set a variable into a specific type. | 4, 5, 7, 8 |
| 32 | **strval()**<br>Function is used to return a string value of a variable. | 4, 5, 7, 8 |

| Sr.No | Function & Description | Version |
|:---:|:---|:---:|
| 33 | **unserialize()**<br>Function is used to unserialize the data of a variable. i.e, this function returns actual data of a serialize variable. | 4, 5, 7, 8 |
| 34 | **unset()**<br>Function used unset a variable | 4, 5, 7, 8 |
| 35 | **var_dump()**<br>Function is used to dump information about one or more variables. The information holds type and value of the variable(s). | 4, 5, 7, 8 |
| 36 | **var_export()**<br>Function returns structured information about a variable. | 4.2.0, 5, 7, 8 |