

PHP 5 Filters

The PHP filters is used to sanitize and validate and data coming from insecure sources, like user input.

PHP Filter Functions

Since PHP 5.2.0, the filter functions are enabled by default. You can use them directly in your code without any further installation.

Function	Description
<code>filter_has_var()</code>	Checks if variable of specified type exists
<code>filter_id()</code>	Returns the ID number of a specified filter
<code>filter_input()</code>	Gets a specific external variable by name and optionally filters it
<code>filter_input_array()</code>	Gets multiple external variables and optionally filters them
<code>filter_list()</code>	Returns an array of all supported filters
<code>filter_var_array()</code>	Gets multiple variables and optionally filters them
<code>filter_var()</code>	Filters a variable with a specified filter

PHP Sanitize Filters

The sanitize filters are used to sanitize or clean the user inputs.

ID	Description
<code>FILTER_SANITIZE_EMAIL</code>	Remove all characters except letters, digits and <code>!#\$%&'*+,-/=?</code> <code>^_`{ }~@.[]</code>
<code>FILTER_SANITIZE_ENCODED</code>	URL-encode string, optionally strip or encode special characters.
<code>FILTER_SANITIZE_MAGIC_QUOTES</code>	Apply <code>addslashes()</code> .
<code>FILTER_SANITIZE_NUMBER_FLOAT</code>	Remove all characters except digits, +- and optionally <code>.,eE</code>
<code>FILTER_SANITIZE_NUMBER_INT</code>	Remove all characters except digits, plus (+) and minus (-) sign.
<code>FILTER_SANITIZE_SPECIAL_CHARS</code>	HTML-escape <code>"'<>&</code> and characters with ASCII value less than 32, optionally strip or encode other special characters.
<code>FILTER_SANITIZE_STRING</code>	Strip tags, optionally strip or encode special characters.
<code>FILTER_SANITIZE_STRIPPED</code>	Alias of "string" filter.

ID	Description
FILTER_SANITIZE_URL	Remove all characters except letters, digits and \$-_.+!*'(),{} \\"^~[]`<>#%";/?:@&=
FILTER_UNSAFE_RAW	Do nothing, optionally strip or encode special characters.

Validate Filters

The sanitize filters are used to validate the user inputs.

ID	Description
FILTER_VALIDATE_BOOLEAN	Returns TRUE for "1", "true", "on" and "yes". Returns FALSE otherwise.
FILTER_VALIDATE_EMAIL	Validates value as e-mail.
FILTER_VALIDATE_FLOAT	Validates value as float.
FILTER_VALIDATE_INT	Validates value as integer optionally from the specified range.
FILTER_VALIDATE_IP	Validates value as IP address, optionally only IPv4 or IPv6 or not from private or reserved ranges.
FILTER_VALIDATE_REGEXP	Validates value against regexp, a Perl-compatible regular expression.
FILTER_VALIDATE_URL	Validates value as URL, optionally with required components.