

# uPHP Library Reference

uPHP Library functions are functions that are written in uPHP and distributed with the WattmonOS installation. You will need to include the relevant file using `include()` before calling the function.

Click on the function name for further details:

FUNCTION NAME	PARAMETER(S)	RETURN	LIBRARY	DESCRIPTION
<a href="#">add_cron</a>	<a href="#">int</a> filename, <a href="#">string</a> interval	<a href="#">int</a>	<a href="#">system</a>	Add a scheduled CRON script
<a href="#">add_role</a>	<a href="#">int</a> id, <a href="#">string</a> role_name, <a href="#">int</a> role_group, <a href="#">int</a> role_type, <a href="#">int</a> role_show, <a href="#">int</a> role_def, <a href="#">string</a> role_devices	none	<a href="#">system</a>	Add a system role
<a href="#">fgets_long</a>	<a href="#">int</a> handle	<a href="#">string</a>	<a href="#">fileio</a>	Read a line without length restriction from an open file
<a href="#">mb_get_error_string</a>	<a href="#">int</a> error	<a href="#">string</a>	<a href="#">modbus</a>	Get human readable error description
<a href="#">mb_set_float_be_0x10</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus float in big endian using function 10h
<a href="#">mb_set_float_le_0x10</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus float in little endian using function 10h
<a href="#">mb_set_int16_0x03</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus device register using function 03h
<a href="#">mb_set_int16_0x10</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus device register using function 10h
<a href="#">mb_set_uint32_be_0x10</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus UINT32 in big endian using function 10h
<a href="#">mb_set_uint32_le_0x10</a>	<a href="#">int</a> id, <a href="#">int</a> bus, <a href="#">int</a> reg, <a href="#">int</a> val, <a href="#">int</a> retries	<a href="#">int</a>	<a href="#">modbus</a>	Set a modbus UINT32 in little endian using function 10h
<a href="#">quick_sort</a>	<a href="#">array</a> src_array, <a href="#">int</a> sort_type	<a href="#">array</a>	<a href="#">array</a>	Sort an array using quicksort
<a href="#">remove_cron</a>	<a href="#">int</a> filename	<a href="#">int</a>	<a href="#">system</a>	Remove a scheduled CRON script
<a href="#">smtp_mail</a>	<a href="#">string</a> to, <a href="#">string</a> from, <a href="#">string</a> subject, <a href="#">string</a> message, <a href="#">string</a> user, <a href="#">string</a> password, <a href="#">string</a> host, <a href="#">int</a> port	<a href="#">int</a>	<a href="#">smtp</a>	Send an email over SMTP

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