

XML-RPC

Introduction

These functions can be used to write XML-RPC servers and clients. You can find more information about XML-RPC at » <http://www.xmlrpc.com/>, and more documentation on this extension and its functions at » <http://xmlrpc-epi.sourceforge.net/>.

Warning
This extension is <i>EXPERIMENTAL</i> . The behaviour of this extension?including the names of its functions and any other documentation surrounding this extension?may change without notice in a future release of PHP. This extension should be used at your own risk.

Installing/Configuring

Requirements

No external libraries are needed to build this extension.

Installation

XML-RPC support in PHP is not enabled by default. You will need to use the `--with-xmlrpc[=DIR]` configuration option when compiling PHP to enable XML-RPC support. This extension is bundled into PHP as of 4.1.0.

Runtime Configuration

The behaviour of these functions is affected by settings in *php.ini*.

XML-RPC configuration options

Name	Default	Changeable	Changelog
xmlrpc_errors	"0"	PHP_INI_SYSTEM	Available since PHP 4.1.0.
xmlrpc_error_number	"0"	PHP_INI_ALL	Available since PHP 4.1.0.

For further details and definitions of the `PHP_INI_*` constants, see the [php.ini directives](#).

Resource Types

This extension defines a XML-RPC server resource returned by [xmlrpc_server_create\(\)](#).

Predefined Constants

This extension has no constants defined.

XML-RPC Functions

xmlrpc_decode_request

xmlrpc_decode_request -- Decodes XML into native PHP types

Description

mixed xmlrpc_decode_request (string \$xml, string &\$method [, string \$encoding])

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_decode

xmlrpc_decode -- Decodes XML into native PHP types

Description

mixed `xmlrpc_decode` (string `$xml` [, string `$encoding`])

Warning
This function is <i>EXPERIMENTAL</i> . The behaviour of this function, its name, and surrounding documentation may change without notice in a future release of PHP. This function should be used at your own risk.

Parameters

xml

XML response returned by XMLRPC method.

encoding

Input encoding supported by iconv (defaults to "iso-8859-1").

Return Values

Returns either an array, or an integer, or a string, or a boolean according to the response returned by the XMLRPC method.

Examples

See example by [xmlrpc_encode_request\(\)](#).

See Also

- [xmlrpc_encode_request\(\)](#)
- [xmlrpc_is_fault\(\)](#)

xmlrpc_encode_request

xmlrpc_encode_request -- Generates XML for a method request

Description

string **xmlrpc_encode_request** (string \$method, **mixed** \$params [, array \$output_options])

Warning

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Parameters

method

Name of the method to call.

params

Method parameters compatible with method signature.

output_options

Array specifying output options may contain (default values are emphasised):

- output_type: php, *xml*
- verbosity: no_white_space, newlines_only, *pretty*
- escaping: cdata, *non-ascii*, *non-print*, *markup* (may be a string with one value or an array with multiple values)
- version: simple, *xmlrpc*, soap 1.1, auto
- encoding: *iso-8859-1*, other character set supported by iconv

Return Values

Returns a string containing the XML representation of the request.

Examples

Example #1 - XMLRPC client functions example

```
<?php
$request = xmlrpc_encode_request("method", array(1, 2, 3));
$context = stream_context_create(array('http' => array(
    'method' => "POST",
    'header' => "Content-Type: text/xml",
    'content' => $request
)));
$file = file_get_contents("http://www.example.com/xmlrpc", false, $context);
$response = xmlrpc_decode($file);
if (xmlrpc_is_fault($response)) {
    trigger_error("xmlrpc: $response[faultString] ($response[faultCode])");
} else {
    print_r($response);
}
?>
```

See Also

- [stream_context_create\(\)](#)
- [file_get_contents\(\)](#)
- [xmlrpc_decode\(\)](#)

xmlrpc_encode

xmlrpc_encode -- Generates XML for a PHP value

Description

string **xmlrpc_encode** (*mixed* \$value)

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_get_type

xmlrpc_get_type -- Gets xmlrpc type for a PHP value

Description

string **xmlrpc_get_type** ([mixed](#) \$value)

Warning
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This function is especially useful for base64 and datetime strings.

Warning
This function is currently not documented; only its argument list is available.

xmlrpc_is_fault

xmlrpc_is_fault -- Determines if an array value represents an XMLRPC fault

Description

bool **xmlrpc_is_fault** (array \$arg)

Warning
This function is <i>EXPERIMENTAL</i> . The behaviour of this function, its name, and surrounding documentation may change without notice in a future release of PHP. This function should be used at your own risk.

Parameters

arg

Array returned by [xmlrpc_decode\(\)](#).

Return Values

Returns **TRUE** if the argument means fault, **FALSE** otherwise. Fault description is available in `$arg["faultString"]`, fault code is in `$arg["faultCode"]`.

Examples

See example by [xmlrpc_encode_request\(\)](#).

See Also

- [xmlrpc_decode\(\)](#)

xmlrpc_parse_method_descriptions

xmlrpc_parse_method_descriptions -- Decodes XML into a list of method descriptions

Description

array **xmlrpc_parse_method_descriptions** (string `$xml`)

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_add_introspection_data

xmlrpc_server_add_introspection_data -- Adds introspection documentation

Description

int **xmlrpc_server_add_introspection_data** (resource *\$server*, array *\$desc*)

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_call_method

xmlrpc_server_call_method -- Parses XML requests and call methods

Description

string **xmlrpc_server_call_method** (resource \$server, string \$xml, **mixed** \$user_data [, array \$output_options])

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_create

xmlrpc_server_create -- Creates an xmlrpc server

Description

resource **xmlrpc_server_create** (void)

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_destroy

xmlrpc_server_destroy -- Destroys server resources

Description

int **xmlrpc_server_destroy** (resource `$server`)

Warning
This function is <i>EXPERIMENTAL</i> . The behaviour of this function, its name, and surrounding documentation may change without notice in a future release of PHP. This function should be used at your own risk.

Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_register_introspection_callback

xmlrpc_server_register_introspection_callback -- Register a PHP function to generate documentation

Description

bool **xmlrpc_server_register_introspection_callback** (resource \$server, string \$function)

Warning
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Warning
This function is currently not documented; only its argument list is available.

xmlrpc_server_register_method

xmlrpc_server_register_method -- Register a PHP function to resource method matching method_name

Description

bool **xmlrpc_server_register_method** (resource \$server, string \$method_name, string \$function)

Warning
This function is <i>EXPERIMENTAL</i> . The behaviour of this function, its name, and surrounding documentation may change without notice in a future release of PHP. This function should be used at your own risk.

Warning
This function is currently not documented; only its argument list is available.

xmlrpc_set_type

xmlrpc_set_type -- Sets xmlrpc type, base64 or datetime, for a PHP string value

Description

bool **xmlrpc_set_type** (string &\$value, string \$type)

Warning
This function is <i>EXPERIMENTAL</i> . The behaviour of this function, its name, and surrounding documentation may change without notice in a future release of PHP. This function should be used at your own risk.

Parameters

value

Value to set the type

type

'base64' or 'datetime'

Return Values

Returns **TRUE** on success or **FALSE** on failure. If successful, *value* is converted to an object.

Errors/Exceptions

Issues E_WARNING with type unsupported by XMLRPC.