

# NETCURL Exceptions

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## Common integrated error messages

If no description are set, check out the pointed error code below in the constants-section.

### Generic error messages

Generic error messages are normally forwarded exceptions from different places, in netcurl. Since external drivers is used (curl, soapclient, streams, wordpress, guzzle, etc), we sometimes prefer to pass external exceptions through our own calls. To identify such errors, you might want to look here.

Message	Description
HTTP Response Exception:	Occurs when a web server returns a "throwable http code". This error reflects what the web server is responding
parseResponse exception - Unexpected response code from server	Occurs when netcurl tries to return parsed content but gets http code 400 or above from server
The maximum tries of curl_exec() for <url> has been reached without any successful response [...]	Occurs during a http/https-request and the call has failed by a reason not affected by netcurl itself. In some cases, netcurl will try to repeat the http/https-request with different parameters during the first number of tries. If nothing goes success, this exception might be seen on your screen.
The maximum tries of curl_exec() for <url> , during a try to make a SSL connection to work, has been reached without any successful response [...]	Occurs during https-requests when SSL connections fail and netcurl failovers are enabled. In this case, netcurl will for example lower the security level and recall an url again. If this call fails, this exception might be seen on your screen.
exception from PHP/CURL at <functionName>: <message>	Invokes a curlexception (external), normally one defined as constant CURLE_<exceptionId>
exception from soapClient: <message>	Invokes an exception (external), inherited from the SoapClient

### Internal error messages

Error messages thrown by the library itself.

Message	Code	Description
Host validation failed	<i>NETCURL_HOSTVALIDATION_FAIL</i>	
curl init exception: curl library has been disabled system wide	<i>NETCURL_CURL_DISABLED</i>	
curl init exception: curl library not found	<i>NETCURL_CURL_MISSING</i>	
Could not set up a proper communications driver since none exist	<i>NETCURL_NOCOMM_DRIVER</i>	
setDriverException: GuzzleStream does not exists	<i>NETCURL_EXTERNAL_DRIVER_MISSING</i>	
Flags can not be empty	<i>NETCURL_SETFLAG_KEY_EMPTY</i>	
Version requests are not allowed in current state (permissions required)	403	Occurs when getInternalRelease is invoked without permission
<ip> is not a valid ip-address	<i>NETCURL_IPCONFIG_NOT_VALID</i>	
HtmlParse exception: Can not parse DOMDocuments without the DOMDocuments class	<i>NETCURL_DOMDOCUMENT_CLASS_MISSING</i>	
getParsedValue exception: Requested key was not found in parsed response	<i>NETCURL_GETPARSEDVALUE_KEY_NOT_FOUND</i>	
SoapClient is not available in this system	<i>NETCURL_SOAPCLIENT_CLASS_MISSING</i>	

SoapClient is not available in this system	<i>NETCURL_SOAPCLIENT_CLASS_MISSING</i>	
Could not find any available transport for WordPress Driver	<i>NETCURL_WP_TRANSPORT_ERROR</i>	
streams for guzzle is probably missing as I can't find the request method in the current class	<i>NETCURL_GUZZLESTREAM_MISSING</i>	
NetCurlDriverException: No communication drivers are currently available (not even curl).	<i>NETCURL_NO_DRIVER_AVAILABLE</i>	
The format of pemLocationData is not properly set	<i>NETCURL_PEMLOCATIONDATA_FORMAT_ERROR</i>	
exception from SimpleSoap->getSoap(): Could not create SoapClient. Make sure that all settings and URLs are correctly configured	<i>NETCURL_SIMPLESOAP_GETSOAP_CREATE_FAIL</i>	
can not render XML data properly, since the IO library is not initialized	<i>NETCURL_PARSE_XML_FAILURE</i>	
is missing MODULE_IO for rendering post data content	<i>NETCURL_IO_PARSER_MISSING</i>	
getRenderedGuzzleResponse exception: Guzzle driver missing proper methods like getHeaders(), can not render response	<i>NETCURL_GUZZLE_RESPONSE_EXCEPTION</i>	Occurs during guzzle rendering and methods like getHeaders is missing in the response object
getWp exception: Wordpress driver seem to miss get_response_object	<i>NETCURL_WP_REQUEST_ERROR</i>	Occurs during wordpress rendering and methods like get_response_object is missing in the wp driver object

## Netcurl Error Constants

A list of errors in netcurl and when they occur

Exception	Code	Description	Status
NETCURL_NO_ERROR	0	No errors occurred. False alarm	
NETCURL_EXCEPTION_INT_WORKS	1	You've triggered a test exception somewhere	
NETCURL_CURL_MISSING	1000	curl is missing in your system	REMOVED
NETCURL_SETFLAG_KEY_EMPTY	1001	When using the netcurl method setFlag(\$keyName, \$keyValue) and \$keyName has no value	
NETCURL_COOKIEPATH_SETUP_FAIL	1002	When paths for setting cookie files can not be set due to permissions or similar	REMOVED
NETCURL_IPCONFIG_NOT_VALID	1003	When configuring outgoing ip address for calls, and the address can not be identified neither as IPv4 nor IPv6	
NETCURL_SETSSLVERIFY_UNVERIFIED_NOT_SET	1004	In prior versions of NetCurl, some parameters for SSL verification could not be set unless another flag was enabled	REMOVED
NETCURL_DOMDOCUMENT_CLASS_MISSING	1005	Drivers for <a href="#">document tree</a> in PHP is missing	
NETCURL_GETPARSEDVALUE_KEY_NOT_FOUND	1006	Occurs when getParsedValue is used without a \$keyName (recursion error)	
NETCURL_SOAPCLIENT_CLASS_MISSING	1007	Using SOAP without the <a href="#">SoapClient</a> installed	
NETCURL_SIMPLESOAP_GETSOAP_CREATE_FAIL	1008	When SoapClient could not be initialized for an unknown reason (occurs after possible failover tries)	
NETCURL_WP_TRANSPORT_ERROR	1009	Occurs on external driver initialization, when no transport layer has been found (curl or streams)	
NETCURL_CURL_DISABLED	1010	Having curl disabled when checking for external drivers (deprecated as of 6.0.20)	REMOVED
NETCURL_NOCOMM_DRIVER	1011	When no communications driver exists (deprecated as of 6.0.20)	REMOVED
NETCURL_EXTERNAL_DRIVER_MISSING	1012	Was used in driver initialization (6.0.19 or lower) when failover to guzzleStream failed	REMOVED

NETCURL_GUZZLESTREAM_MISSING	1013	Occurs during the call in guzzleDriver, when the method request in the worker was not found	
NETCURL_HOSTVALIDATION_FAIL	1014	Occurs during extraction of url domain and the DNS resolved fails to look up an extracted hostname	
NETCURL_PEMLOCATIONDATA_FORMAT_ERROR	1015	Occurs when SSL pem locations are misconfigured	
NETCURL_DOMDOCUMENT_EMPTY_EMPTY	1016	When a domdocument is empty (seems to be unused)	
NETCURL_NO_DRIVER_AVAILABLE_NOT_EVEN_CURL	1017	Trying to initialize NetCurl without any communications driver ("not even curl")	
NETCURL_UNEXISTENT_FUNCTION	1018	Reserved for future use (when a __call can't find a proper method to fire up	
NETCURL_PARSE_XML_FAILURE	1019	This usually happens when you're using older versions of NetCURL or where the IO library is not installed (composer should handle this). In NetCURL 6.0.20, XML rendering is being made from this library	
NETCURL_IO_PARSER_MISSING	1020	As of NetCURL 6.0.20, the post data parsing (and most of the parsing between data formats) is running through <a href="#">MODULE_IO that is included in CryptoLIB (MODULE_CRYPTOLIB)</a> . Without this library many things can act differently or not work at all	
NETCURL_GUZZLE_RESPONSE_EXCEPTION	1021	Occurs during guzzle rendering and methods like getHeaders is missing in the response object	
NETCURL_WP_REQUEST_ERROR	1022	Occurs during wordpress rendering and methods like get_response_object is missing in the wp driver object	