#### **NAME**

libcurl-symbols - libcurl symbol version information

#### libcurl symbols

This man page details version information for public symbols provided in the libcurl header files. This lists the first version in which the symbol was introduced and for some symbols two additional information pieces:

The first version in which the symbol is marked "deprecated" - meaning that since that version no new code should be written to use the symbol as it is marked for getting removed in a future.

The last version that featured the specific symbol. Using the symbol in source code will make it no longer compile error-free after that specified version.

This man page is automatically generated from the symbols-in-versions file.

**CURLAUTH ANY** 

Introduced in 7.10.6

CURLAUTH\_ANYSAFE

Introduced in 7.10.6

CURLAUTH\_BASIC

Introduced in 7.10.6

CURLAUTH\_DIGEST

Introduced in 7.10.6

CURLAUTH DIGEST IE

Introduced in 7.19.3

**CURLAUTH GSSNEGOTIATE** 

Introduced in 7.10.6 Deprecated since 7.38.0

CURLAUTH\_NEGOTIATE

Introduced in 7.38.0

CURLAUTH\_NONE

Introduced in 7.10.6

CURLAUTH\_NTLM

Introduced in 7.10.6

CURLAUTH\_NTLM\_WB

Introduced in 7.22.0

**CURLAUTH ONLY** 

Introduced in 7.21.3

CURLCLOSEPOLICY\_CALLBACK

Introduced in 7.7

CURLCLOSEPOLICY\_LEAST\_RECENTLY\_USED

Introduced in 7.7

CURLCLOSEPOLICY\_LEAST\_TRAFFIC

Introduced in 7.7

CURLCLOSEPOLICY\_NONE

Introduced in 7.7

CURLCLOSEPOLICY\_OLDEST

# CURLCLOSEPOLICY\_SLOWEST Introduced in 7.7

introduced in 7.7

## CURLE\_ABORTED\_BY\_CALLBACK Introduced in 7.1

#### CURLE AGAIN

Introduced in 7.18.2

#### CURLE\_ALREADY\_COMPLETE

Introduced in 7.7.2

#### CURLE BAD CALLING ORDER

Introduced in 7.1 Deprecated since 7.17.0

## CURLE\_BAD\_CONTENT\_ENCODING

Introduced in 7.10

#### CURLE\_BAD\_DOWNLOAD\_RESUME

Introduced in 7.10

#### CURLE\_BAD\_FUNCTION\_ARGUMENT

Introduced in 7.1

## CURLE\_BAD\_PASSWORD\_ENTERED

Introduced in 7.4.2 Deprecated since 7.17.0

#### CURLE\_CHUNK\_FAILED

Introduced in 7.21.0

#### CURLE\_CONV\_FAILED

Introduced in 7.15.4

#### CURLE\_CONV\_REQD

Introduced in 7.15.4

## CURLE\_COULDNT\_CONNECT

Introduced in 7.1

#### CURLE\_COULDNT\_RESOLVE\_HOST

Introduced in 7.1

#### CURLE\_COULDNT\_RESOLVE\_PROXY

Introduced in 7.1

#### CURLE\_FAILED\_INIT

Introduced in 7.1

## CURLE\_FILESIZE\_EXCEEDED

Introduced in 7.10.8

### CURLE\_FILE\_COULDNT\_READ\_FILE

Introduced in 7.1

#### CURLE\_FTP\_ACCEPT\_FAILED

Introduced in 7.24.0

#### CURLE\_FTP\_ACCEPT\_TIMEOUT

Introduced in 7.24.0

## CURLE\_FTP\_ACCESS\_DENIED

Introduced in 7.1

## CURLE\_FTP\_BAD\_DOWNLOAD\_RESUME

Introduced in 7.1 Deprecated since 7.1

- CURLE\_FTP\_BAD\_FILE\_LIST Introduced in 7.21.0
- CURLE\_FTP\_CANT\_GET\_HOST Introduced in 7.1
- CURLE\_FTP\_CANT\_RECONNECT Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_COULDNT\_GET\_SIZE
  Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_COULDNT\_RETR\_FILE Introduced in 7.1
- CURLE\_FTP\_COULDNT\_SET\_ASCII Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_COULDNT\_SET\_BINARY
  Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_COULDNT\_SET\_TYPE Introduced in 7.17.0
- CURLE\_FTP\_COULDNT\_STOR\_FILE Introduced in 7.1
- CURLE\_FTP\_COULDNT\_USE\_REST Introduced in 7.1
- CURLE\_FTP\_PARTIAL\_FILE
  Introduced in 7.1 Deprecated since 7.1
- CURLE\_FTP\_PORT\_FAILED Introduced in 7.1
- CURLE\_FTP\_PRET\_FAILED Introduced in 7.20.0
- CURLE\_FTP\_QUOTE\_ERROR
  Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_SSL\_FAILED
  Introduced in 7.11.0 Deprecated since 7.17.0
- CURLE\_FTP\_USER\_PASSWORD\_INCORRECT Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_WEIRD\_227\_FORMAT Introduced in 7.1
- CURLE\_FTP\_WEIRD\_PASS\_REPLY Introduced in 7.1
- CURLE\_FTP\_WEIRD\_PASV\_REPLY Introduced in 7.1
- CURLE\_FTP\_WEIRD\_SERVER\_REPLY Introduced in 7.1
- CURLE\_FTP\_WEIRD\_USER\_REPLY
  Introduced in 7.1 Deprecated since 7.17.0
- CURLE\_FTP\_WRITE\_ERROR
  Introduced in 7.1 Deprecated since 7.17.0

## CURLE\_FUNCTION\_NOT\_FOUND

Introduced in 7.1

#### CURLE GOT NOTHING

Introduced in 7.9.1

#### **CURLE HTTP2**

Introduced in 7.38.0

## CURLE\_HTTP\_NOT\_FOUND

Introduced in 7.1

#### CURLE HTTP PORT FAILED

Introduced in 7.3 Deprecated since 7.12.0

## CURLE\_HTTP\_POST\_ERROR

Introduced in 7.1

#### CURLE\_HTTP\_RANGE\_ERROR

Introduced in 7.1 Deprecated since 7.17.0

#### CURLE\_HTTP\_RETURNED\_ERROR

Introduced in 7.10.3

#### CURLE\_INTERFACE\_FAILED

Introduced in 7.12.0

#### CURLE\_LDAP\_CANNOT\_BIND

Introduced in 7.1

#### CURLE\_LDAP\_INVALID\_URL

Introduced in 7.10.8

#### CURLE\_LDAP\_SEARCH\_FAILED

Introduced in 7.1

## CURLE\_LIBRARY\_NOT\_FOUND

Introduced in 7.1 Deprecated since 7.17.0

#### CURLE\_LOGIN\_DENIED

Introduced in 7.13.1

#### CURLE\_MALFORMAT\_USER

Introduced in 7.1 Deprecated since 7.17.0

#### CURLE\_NOT\_BUILT\_IN

Introduced in 7.21.5

## CURLE\_NO\_CONNECTION\_AVAILABLE

Introduced in 7.30.0

#### CURLE OK

Introduced in 7.1

#### CURLE\_OPERATION\_TIMEDOUT

Introduced in 7.10.2

#### CURLE\_OPERATION\_TIMEOUTED

Introduced in 7.1 Deprecated since 7.17.0

#### CURLE\_OUT\_OF\_MEMORY

Introduced in 7.1

#### CURLE PARTIAL FILE

## CURLE\_PEER\_FAILED\_VERIFICATION

Introduced in 7.17.1

#### CURLE QUOTE ERROR

Introduced in 7.17.0

#### CURLE\_RANGE\_ERROR

Introduced in 7.17.0

#### CURLE\_READ\_ERROR

Introduced in 7.1

#### CURLE RECV ERROR

Introduced in 7.10

## CURLE\_REMOTE\_ACCESS\_DENIED

Introduced in 7.17.0

#### CURLE\_REMOTE\_DISK\_FULL

Introduced in 7.17.0

#### CURLE REMOTE FILE EXISTS

Introduced in 7.17.0

#### CURLE\_REMOTE\_FILE\_NOT\_FOUND

Introduced in 7.16.1

#### CURLE\_RTSP\_CSEQ\_ERROR

Introduced in 7.20.0

#### CURLE\_RTSP\_SESSION\_ERROR

Introduced in 7.20.0

#### CURLE\_SEND\_ERROR

Introduced in 7.10

#### CURLE SEND FAIL REWIND

Introduced in 7.12.3

#### CURLE\_SHARE\_IN\_USE

Introduced in 7.9.6 Deprecated since 7.17.0

#### CURLE\_SSH

Introduced in 7.16.1

#### CURLE\_SSL\_CACERT

Introduced in 7.10

## CURLE\_SSL\_CACERT\_BADFILE

Introduced in 7.16.0

#### CURLE\_SSL\_CERTPROBLEM

Introduced in 7.10

#### CURLE\_SSL\_CIPHER

Introduced in 7.10

#### CURLE\_SSL\_CONNECT\_ERROR

Introduced in 7.1

#### CURLE\_SSL\_CRL\_BADFILE

Introduced in 7.19.0

## CURLE\_SSL\_ENGINE\_INITFAILED

- CURLE\_SSL\_ENGINE\_NOTFOUND Introduced in 7.9.3
- CURLE\_SSL\_ENGINE\_SETFAILED Introduced in 7.9.3
- CURLE\_SSL\_INVALIDCERTSTATUS Introduced in 7.41.0
- CURLE\_SSL\_ISSUER\_ERROR Introduced in 7.19.0
- CURLE\_SSL\_PEER\_CERTIFICATE
  Introduced in 7.8 Deprecated since 7.17.1
- CURLE\_SSL\_PINNEDPUBKEYNOTMATCH Introduced in 7.39.0
- CURLE\_SSL\_SHUTDOWN\_FAILED Introduced in 7.16.1
- CURLE\_TELNET\_OPTION\_SYNTAX Introduced in 7.7
- CURLE\_TFTP\_DISKFULL Introduced in 7.15.0 Deprecated since 7.17.0
- CURLE\_TFTP\_EXISTS
  Introduced in 7.15.0 Deprecated since 7.17.0
- CURLE\_TFTP\_ILLEGAL Introduced in 7.15.0
- CURLE\_TFTP\_NOSUCHUSER Introduced in 7.15.0
- CURLE\_TFTP\_NOTFOUND Introduced in 7.15.0
- CURLE\_TFTP\_PERM Introduced in 7.15.0
- CURLE\_TFTP\_UNKNOWNID Introduced in 7.15.0
- CURLE\_TOO\_MANY\_REDIRECTS Introduced in 7.5
- CURLE\_UNKNOWN\_OPTION Introduced in 7.21.5
- CURLE\_UNKNOWN\_TELNET\_OPTION Introduced in 7.7
- CURLE\_UNSUPPORTED\_PROTOCOL Introduced in 7.1
- CURLE\_UPLOAD\_FAILED Introduced in 7.16.3
- CURLE\_URL\_MALFORMAT Introduced in 7.1
- CURLE\_URL\_MALFORMAT\_USER
  Introduced in 7.1 Deprecated since 7.17.0

# CURLE\_USE\_SSL\_FAILED Introduced in 7.17.0

CURLE\_WRITE\_ERROR

Introduced in 7.1

CURLFILETYPE\_DEVICE\_BLOCK

Introduced in 7.21.0

CURLFILETYPE\_DEVICE\_CHAR

Introduced in 7.21.0

**CURLFILETYPE DIRECTORY** 

Introduced in 7.21.0

CURLFILETYPE DOOR

Introduced in 7.21.0

CURLFILETYPE\_FILE

Introduced in 7.21.0

CURLFILETYPE NAMEDPIPE

Introduced in 7.21.0

CURLFILETYPE\_SOCKET

Introduced in 7.21.0

CURLFILETYPE\_SYMLINK

Introduced in 7.21.0

CURLFILETYPE\_UNKNOWN

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_FILENAME

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_FILETYPE

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_GID

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_HLINKCOUNT

Introduced in 7.21.0

 $CURLFINFOFLAG\_KNOWN\_PERM$ 

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_SIZE

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_TIME

Introduced in 7.21.0

CURLFINFOFLAG\_KNOWN\_UID

Introduced in 7.21.0

CURLFORM\_ARRAY

Introduced in 7.9.1

CURLFORM\_ARRAY\_END

Introduced in 7.9.1 Deprecated since 7.9.5 Last used in 7.9.5

 $CURLFORM\_ARRAY\_START$ 

Introduced in 7.9.1 Deprecated since 7.9.5 Last used in 7.9.5

#### CURLFORM\_BUFFER

Introduced in 7.9.8

## CURLFORM\_BUFFERLENGTH

Introduced in 7.9.8

## CURLFORM\_BUFFERPTR

Introduced in 7.9.8

#### CURLFORM\_CONTENTHEADER

Introduced in 7.9.3

#### CURLFORM CONTENTSLENGTH

Introduced in 7.9

## CURLFORM\_CONTENTTYPE

Introduced in 7.9

#### CURLFORM\_COPYCONTENTS

Introduced in 7.9

#### **CURLFORM COPYNAME**

Introduced in 7.9

#### CURLFORM\_END

Introduced in 7.9

#### CURLFORM\_FILE

Introduced in 7.9

#### CURLFORM\_FILECONTENT

Introduced in 7.9.1

#### CURLFORM\_FILENAME

Introduced in 7.9.6

## CURLFORM\_NAMELENGTH

Introduced in 7.9

#### **CURLFORM NOTHING**

Introduced in 7.9

## CURLFORM\_PTRCONTENTS

Introduced in 7.9

## CURLFORM\_PTRNAME

Introduced in 7.9

## CURLFORM\_STREAM

Introduced in 7.18.2

#### CURLFTPAUTH\_DEFAULT

Introduced in 7.12.2

#### CURLFTPAUTH\_SSL

Introduced in 7.12.2

#### CURLFTPAUTH\_TLS

Introduced in 7.12.2

## CURLFTPMETHOD\_DEFAULT

Introduced in 7.15.3

#### CURLFTPMETHOD MULTICWD

#### CURLFTPMETHOD\_NOCWD

Introduced in 7.15.3

#### CURLFTPMETHOD SINGLECWD

Introduced in 7.15.3

#### CURLFTPSSL ALL

Introduced in 7.11.0 Deprecated since 7.17.0

## CURLFTPSSL\_CCC\_ACTIVE

Introduced in 7.16.2

#### CURLFTPSSL CCC NONE

Introduced in 7.16.2

#### CURLFTPSSL\_CCC\_PASSIVE

Introduced in 7.16.1

#### CURLFTPSSL\_CONTROL

Introduced in 7.11.0 Deprecated since 7.17.0

#### CURLFTPSSL NONE

Introduced in 7.11.0 Deprecated since 7.17.0

#### CURLFTPSSL\_TRY

Introduced in 7.11.0 Deprecated since 7.17.0

#### CURLFTP\_CREATE\_DIR

Introduced in 7.19.4

#### CURLFTP\_CREATE\_DIR\_NONE

Introduced in 7.19.4

#### CURLFTP\_CREATE\_DIR\_RETRY

Introduced in 7.19.4

## CURLGSSAPI\_DELEGATION\_FLAG

Introduced in 7.22.0

#### CURLGSSAPI\_DELEGATION\_NONE

Introduced in 7.22.0

## $CURLGSSAPI\_DELEGATION\_POLICY\_FLAG$

Introduced in 7.22.0

#### CURLHEADER\_SEPARATE

Introduced in 7.37.0

## CURLHEADER\_UNIFIED

Introduced in 7.37.0

#### CURLINFO\_ACTIVESOCKET

Introduced in 7.45.0

#### CURLINFO\_APPCONNECT\_TIME

Introduced in 7.19.0

#### CURLINFO\_CERTINFO

Introduced in 7.19.1

#### CURLINFO\_CONDITION\_UNMET

Introduced in 7.19.4

#### CURLINFO CONNECT TIME

# CURLINFO\_CONTENT\_LENGTH\_DOWNLOAD Introduced in 7.6.1

# CURLINFO\_CONTENT\_LENGTH\_UPLOAD Introduced in 7.6.1

## CURLINFO\_CONTENT\_TYPE Introduced in 7.9.4

## CURLINFO\_COOKIELIST Introduced in 7.14.1

## CURLINFO\_DATA\_IN

# Introduced in 7.9.6 CURLINFO\_DATA\_OUT

# Introduced in 7.9.6

## CURLINFO\_DOUBLE Introduced in 7.4.1

## CURLINFO\_EFFECTIVE\_URL Introduced in 7.4

# CURLINFO\_END Introduced in 7.9.6

## CURLINFO\_FILETIME

Introduced in 7.5

## CURLINFO\_FTP\_ENTRY\_PATH Introduced in 7.15.4

# CURLINFO\_HEADER\_IN Introduced in 7.9.6

# CURLINFO\_HEADER\_OUT Introduced in 7.9.6

## CURLINFO\_HEADER\_SIZE Introduced in 7.4.1

## CURLINFO\_HTTPAUTH\_AVAIL Introduced in 7.10.8

## CURLINFO\_HTTP\_CODE

Introduced in 7.4.1 Deprecated since 7.10.8

## CURLINFO\_HTTP\_CONNECTCODE

Introduced in 7.10.7

## CURLINFO\_LASTONE

Introduced in 7.4.1

## CURLINFO\_LASTSOCKET Introduced in 7.15.2

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## CURLINFO\_LOCAL\_IP

Introduced in 7.21.0

## CURLINFO\_LOCAL\_PORT

Introduced in 7.21.0

## CURLINFO\_LONG

#### CURLINFO\_MASK

Introduced in 7.4.1

## CURLINFO\_NAMELOOKUP\_TIME

Introduced in 7.4.1

## CURLINFO\_NONE

Introduced in 7.4.1

#### CURLINFO\_NUM\_CONNECTS

Introduced in 7.12.3

#### CURLINFO OS ERRNO

Introduced in 7.12.2

#### CURLINFO\_PRETRANSFER\_TIME

Introduced in 7.4.1

## CURLINFO\_PRIMARY\_IP

Introduced in 7.19.0

## CURLINFO\_PRIMARY\_PORT

Introduced in 7.21.0

#### CURLINFO\_PRIVATE

Introduced in 7.10.3

#### CURLINFO\_PROXYAUTH\_AVAIL

Introduced in 7.10.8

#### CURLINFO\_REDIRECT\_COUNT

Introduced in 7.9.7

#### CURLINFO\_REDIRECT\_TIME

Introduced in 7.9.7

## CURLINFO\_REDIRECT\_URL

Introduced in 7.18.2

## CURLINFO\_REQUEST\_SIZE

Introduced in 7.4.1

#### CURLINFO\_RESPONSE\_CODE

Introduced in 7.10.8

## CURLINFO\_RTSP\_CLIENT\_CSEQ

Introduced in 7.20.0

## CURLINFO\_RTSP\_CSEQ\_RECV

Introduced in 7.20.0

#### CURLINFO\_RTSP\_SERVER\_CSEQ

Introduced in 7.20.0

## CURLINFO\_RTSP\_SESSION\_ID

Introduced in 7.20.0

#### CURLINFO\_SIZE\_DOWNLOAD

Introduced in 7.4.1

#### CURLINFO\_SIZE\_UPLOAD

Introduced in 7.4.1

## CURLINFO\_SLIST

#### CURLINFO\_SOCKET

Introduced in 7.45.0

#### CURLINFO\_SPEED\_DOWNLOAD

Introduced in 7.4.1

## CURLINFO\_SPEED\_UPLOAD

Introduced in 7.4.1

#### CURLINFO\_SSL\_DATA\_IN

Introduced in 7.12.1

#### CURLINFO SSL DATA OUT

Introduced in 7.12.1

## CURLINFO\_SSL\_ENGINES

Introduced in 7.12.3

## CURLINFO\_SSL\_VERIFYRESULT

Introduced in 7.5

#### CURLINFO\_STARTTRANSFER\_TIME

Introduced in 7.9.2

#### CURLINFO\_STRING

Introduced in 7.4.1

## CURLINFO\_TEXT

Introduced in 7.9.6

## CURLINFO\_TLS\_SESSION

Introduced in 7.34.0

## CURLINFO\_TOTAL\_TIME

Introduced in 7.4.1

## CURLINFO\_TYPEMASK

Introduced in 7.4.1

#### CURLIOCMD\_NOP

Introduced in 7.12.3

## $CURLIOCMD\_RESTARTREAD$

Introduced in 7.12.3

#### CURLIOE\_FAILRESTART

Introduced in 7.12.3

## CURLIOE\_OK

Introduced in 7.12.3

## CURLIOE\_UNKNOWNCMD

Introduced in 7.12.3

#### CURLKHMATCH\_MISMATCH

Introduced in 7.19.6

#### CURLKHMATCH\_MISSING

Introduced in 7.19.6

#### CURLKHMATCH\_OK

Introduced in 7.19.6

#### CURLKHSTAT DEFER

#### CURLKHSTAT\_FINE

Introduced in 7.19.6

#### CURLKHSTAT\_FINE\_ADD\_TO\_FILE

Introduced in 7.19.6

## CURLKHSTAT\_REJECT

Introduced in 7.19.6

#### CURLKHTYPE\_DSS

Introduced in 7.19.6

#### CURLKHTYPE RSA

Introduced in 7.19.6

#### CURLKHTYPE\_RSA1

Introduced in 7.19.6

#### CURLKHTYPE\_UNKNOWN

Introduced in 7.19.6

#### CURLMOPT\_CHUNK\_LENGTH\_PENALTY\_SIZE

Introduced in 7.30.0

#### CURLMOPT\_CONTENT\_LENGTH\_PENALTY\_SIZE

Introduced in 7.30.0

#### CURLMOPT\_MAXCONNECTS

Introduced in 7.16.3

#### CURLMOPT\_MAX\_HOST\_CONNECTIONS

Introduced in 7.30.0

#### CURLMOPT\_MAX\_PIPELINE\_LENGTH

Introduced in 7.30.0

## CURLMOPT\_MAX\_TOTAL\_CONNECTIONS

Introduced in 7.30.0

#### CURLMOPT PIPELINING

Introduced in 7.16.0

#### CURLMOPT\_PIPELINING\_SERVER\_BL

Introduced in 7.30.0

#### CURLMOPT\_PIPELINING\_SITE\_BL

Introduced in 7.30.0

## CURLMOPT\_PUSHDATA

Introduced in 7.44.0

## CURLMOPT\_PUSHFUNCTION

Introduced in 7.44.0

#### CURLMOPT\_SOCKETDATA

Introduced in 7.15.4

#### CURLMOPT\_SOCKETFUNCTION

Introduced in 7.15.4

## CURLMOPT\_TIMERDATA

Introduced in 7.16.0

## CURLMOPT\_TIMERFUNCTION

#### CURLMSG\_DONE

Introduced in 7.9.6

#### CURLMSG\_NONE

Introduced in 7.9.6

## CURLM\_ADDED\_ALREADY

Introduced in 7.32.1

#### CURLM\_BAD\_EASY\_HANDLE

Introduced in 7.9.6

#### CURLM BAD HANDLE

Introduced in 7.9.6

## CURLM\_BAD\_SOCKET

Introduced in 7.15.4

#### CURLM\_CALL\_MULTI\_PERFORM

Introduced in 7.9.6

#### CURLM\_CALL\_MULTI\_SOCKET

Introduced in 7.15.5

## CURLM\_INTERNAL\_ERROR

Introduced in 7.9.6

#### CURLM\_OK

Introduced in 7.9.6

## CURLM\_OUT\_OF\_MEMORY

Introduced in 7.9.6

#### CURLM\_UNKNOWN\_OPTION

Introduced in 7.15.4

#### CURLOPTTYPE FUNCTIONPOINT

Introduced in 7.1

#### CURLOPTTYPE\_LONG

Introduced in 7.1

#### CURLOPTTYPE\_OBJECTPOINT

Introduced in 7.1

#### CURLOPTTYPE\_OFF\_T

Introduced in 7.11.0

## CURLOPT\_ACCEPTTIMEOUT\_MS

Introduced in 7.24.0

### CURLOPT\_ACCEPT\_ENCODING

Introduced in 7.21.6

#### CURLOPT\_ADDRESS\_SCOPE

Introduced in 7.19.0

#### CURLOPT\_APPEND

Introduced in 7.17.0

#### CURLOPT\_AUTOREFERER

Introduced in 7.1

#### CURLOPT BUFFERSIZE

#### CURLOPT\_CAINFO

Introduced in 7.4.2

#### CURLOPT CAPATH

Introduced in 7.9.8

## CURLOPT\_CERTINFO

Introduced in 7.19.1

### CURLOPT\_CHUNK\_BGN\_FUNCTION

Introduced in 7.21.0

#### CURLOPT CHUNK DATA

Introduced in 7.21.0

#### CURLOPT\_CHUNK\_END\_FUNCTION

Introduced in 7.21.0

#### CURLOPT\_CLOSEFUNCTION

Introduced in 7.7 Deprecated since 7.11.1 Last used in 7.11.1

#### CURLOPT\_CLOSEPOLICY

Introduced in 7.7 Deprecated since 7.16.1

#### CURLOPT\_CLOSESOCKETDATA

Introduced in 7.21.7

#### CURLOPT\_CLOSESOCKETFUNCTION

Introduced in 7.21.7

#### CURLOPT\_CONNECTTIMEOUT

Introduced in 7.7

#### CURLOPT\_CONNECTTIMEOUT\_MS

Introduced in 7.16.2

#### CURLOPT CONNECT ONLY

Introduced in 7.15.2

#### CURLOPT\_CONV\_FROM\_NETWORK\_FUNCTION

Introduced in 7.15.4

## CURLOPT\_CONV\_FROM\_UTF8\_FUNCTION

Introduced in 7.15.4

#### CURLOPT\_CONV\_TO\_NETWORK\_FUNCTION

Introduced in 7.15.4

## CURLOPT\_COOKIE

Introduced in 7.1

#### CURLOPT\_COOKIEFILE

Introduced in 7.1

#### CURLOPT\_COOKIEJAR

Introduced in 7.9

#### CURLOPT\_COOKIELIST

Introduced in 7.14.1

#### CURLOPT\_COOKIESESSION

Introduced in 7.9.7

#### CURLOPT COPYPOSTFIELDS

#### CURLOPT\_CRLF

Introduced in 7.1

#### CURLOPT CRLFILE

Introduced in 7.19.0

## CURLOPT\_CUSTOMREQUEST

Introduced in 7.1

#### CURLOPT\_DEBUGDATA

Introduced in 7.9.6

#### CURLOPT DEBUGFUNCTION

Introduced in 7.9.6

## CURLOPT\_DEFAULT\_PROTOCOL

Introduced in 7.45.0

#### CURLOPT\_DIRLISTONLY

Introduced in 7.17.0

#### CURLOPT\_DNS\_CACHE\_TIMEOUT

Introduced in 7.9.3

#### CURLOPT\_DNS\_INTERFACE

Introduced in 7.33.0

#### CURLOPT\_DNS\_LOCAL\_IP4

Introduced in 7.33.0

## CURLOPT\_DNS\_LOCAL\_IP6

Introduced in 7.33.0

#### CURLOPT\_DNS\_SERVERS

Introduced in 7.24.0

## CURLOPT\_DNS\_USE\_GLOBAL\_CACHE

Introduced in 7.9.3 Deprecated since 7.11.1

#### CURLOPT\_EGDSOCKET

Introduced in 7.7

#### CURLOPT\_ENCODING

Introduced in 7.10

#### CURLOPT\_ERRORBUFFER

Introduced in 7.1

## CURLOPT\_EXPECT\_100\_TIMEOUT\_MS

Introduced in 7.36.0

#### CURLOPT FAILONERROR

Introduced in 7.1

#### CURLOPT\_FILE

Introduced in 7.1 Deprecated since 7.9.7

#### CURLOPT\_FILETIME

Introduced in 7.5

#### CURLOPT\_FNMATCH\_DATA

Introduced in 7.21.0

#### CURLOPT FNMATCH FUNCTION

#### CURLOPT\_FOLLOWLOCATION

Introduced in 7.1

#### CURLOPT FORBID REUSE

Introduced in 7.7

## CURLOPT\_FRESH\_CONNECT

Introduced in 7.7

#### CURLOPT\_FTPAPPEND

Introduced in 7.1 Deprecated since 7.16.4

#### CURLOPT FTPASCII

Introduced in 7.1 Deprecated since 7.11.1 Last used in 7.11.1

#### CURLOPT\_FTPLISTONLY

Introduced in 7.1 Deprecated since 7.16.4

#### CURLOPT\_FTPPORT

Introduced in 7.1

#### CURLOPT FTPSSLAUTH

Introduced in 7.12.2

#### CURLOPT\_FTP\_ACCOUNT

Introduced in 7.13.0

#### CURLOPT\_FTP\_ALTERNATIVE\_TO\_USER

Introduced in 7.15.5

#### CURLOPT\_FTP\_CREATE\_MISSING\_DIRS

Introduced in 7.10.7

#### CURLOPT\_FTP\_FILEMETHOD

Introduced in 7.15.1

## CURLOPT\_FTP\_RESPONSE\_TIMEOUT

Introduced in 7.10.8

#### CURLOPT\_FTP\_SKIP\_PASV\_IP

Introduced in 7.15.0

#### CURLOPT\_FTP\_SSL

Introduced in 7.11.0 Deprecated since 7.16.4

#### CURLOPT\_FTP\_SSL\_CCC

Introduced in 7.16.1

## CURLOPT\_FTP\_USE\_EPRT

Introduced in 7.10.5

### CURLOPT\_FTP\_USE\_EPSV

Introduced in 7.9.2

## CURLOPT\_FTP\_USE\_PRET

Introduced in 7.20.0

#### CURLOPT\_GSSAPI\_DELEGATION

Introduced in 7.22.0

## CURLOPT\_HEADER

Introduced in 7.1

#### CURLOPT HEADERDATA

#### CURLOPT\_HEADERFUNCTION

Introduced in 7.7.2

#### CURLOPT HEADEROPT

Introduced in 7.37.0

#### **CURLOPT HTTP200ALIASES**

Introduced in 7.10.3

#### CURLOPT\_HTTPAUTH

Introduced in 7.10.6

#### CURLOPT HTTPGET

Introduced in 7.8.1

## CURLOPT\_HTTPHEADER

Introduced in 7.1

#### CURLOPT\_HTTPPOST

Introduced in 7.1

#### CURLOPT HTTPPROXYTUNNEL

Introduced in 7.3

### CURLOPT\_HTTPREQUEST

Introduced in 7.1

#### CURLOPT\_HTTP\_CONTENT\_DECODING

Introduced in 7.16.2

#### CURLOPT\_HTTP\_TRANSFER\_DECODING

Introduced in 7.16.2

## CURLOPT\_HTTP\_VERSION

Introduced in 7.9.1

## CURLOPT\_IGNORE\_CONTENT\_LENGTH

Introduced in 7.14.1

#### CURLOPT\_INFILE

Introduced in 7.1 Deprecated since 7.9.7

#### CURLOPT\_INFILESIZE

Introduced in 7.1

#### CURLOPT\_INFILESIZE\_LARGE

Introduced in 7.11.0

## CURLOPT\_INTERFACE

Introduced in 7.3

#### CURLOPT INTERLEAVEDATA

Introduced in 7.20.0

#### CURLOPT\_INTERLEAVEFUNCTION

Introduced in 7.20.0

#### CURLOPT\_IOCTLDATA

Introduced in 7.12.3

#### CURLOPT\_IOCTLFUNCTION

Introduced in 7.12.3

#### CURLOPT IPRESOLVE

#### CURLOPT\_ISSUERCERT

Introduced in 7.19.0

#### CURLOPT KEYPASSWD

Introduced in 7.17.0

#### CURLOPT KRB4LEVEL

Introduced in 7.3 Deprecated since 7.17.0

#### CURLOPT\_KRBLEVEL

Introduced in 7.16.4

#### CURLOPT LOCALPORT

Introduced in 7.15.2

## CURLOPT\_LOCALPORTRANGE

Introduced in 7.15.2

## CURLOPT\_LOGIN\_OPTIONS

Introduced in 7.34.0

## CURLOPT\_LOW\_SPEED\_LIMIT

Introduced in 7.1

## CURLOPT\_LOW\_SPEED\_TIME

Introduced in 7.1

#### CURLOPT\_MAIL\_AUTH

Introduced in 7.25.0

#### CURLOPT\_MAIL\_FROM

Introduced in 7.20.0

#### CURLOPT\_MAIL\_RCPT

Introduced in 7.20.0

#### CURLOPT MAXCONNECTS

Introduced in 7.7

#### CURLOPT MAXFILESIZE

Introduced in 7.10.8

#### CURLOPT\_MAXFILESIZE\_LARGE

Introduced in 7.11.0

#### CURLOPT\_MAXREDIRS

Introduced in 7.5

## CURLOPT\_MAX\_RECV\_SPEED\_LARGE

Introduced in 7.15.5

#### CURLOPT\_MAX\_SEND\_SPEED\_LARGE

Introduced in 7.15.5

#### CURLOPT\_MUTE

Introduced in 7.1 Deprecated since 7.8 Last used in 7.8

#### CURLOPT\_NETRC

Introduced in 7.1

## CURLOPT\_NETRC\_FILE

Introduced in 7.11.0

## CURLOPT\_NEW\_DIRECTORY\_PERMS

#### CURLOPT\_NEW\_FILE\_PERMS

Introduced in 7.16.4

#### **CURLOPT NOBODY**

Introduced in 7.1

#### **CURLOPT NOPROGRESS**

Introduced in 7.1

#### CURLOPT\_NOPROXY

Introduced in 7.19.4

#### CURLOPT NOSIGNAL

Introduced in 7.10

#### CURLOPT\_NOTHING

Introduced in 7.1.1 Deprecated since 7.11.1 Last used in 7.11.1

#### CURLOPT\_OPENSOCKETDATA

Introduced in 7.17.1

#### CURLOPT OPENSOCKETFUNCTION

Introduced in 7.17.1

#### CURLOPT\_PASSWDDATA

Introduced in 7.4.2 Deprecated since 7.11.1 Last used in 7.11.1

#### CURLOPT\_PASSWDFUNCTION

Introduced in 7.4.2 Deprecated since 7.11.1 Last used in 7.11.1

#### CURLOPT\_PASSWORD

Introduced in 7.19.1

#### CURLOPT\_PASV\_HOST

Introduced in 7.12.1 Deprecated since 7.16.0 Last used in 7.16.0

## CURLOPT\_PATH\_AS\_IS

Introduced in 7.42.0

#### CURLOPT PINNEDPUBLICKEY

Introduced in 7.39.0

#### **CURLOPT PIPEWAIT**

Introduced in 7.43.0

#### CURLOPT\_PORT

Introduced in 7.1

## CURLOPT\_POST

Introduced in 7.1

#### **CURLOPT POST301**

Introduced in 7.17.1 Deprecated since 7.19.1

#### CURLOPT\_POSTFIELDS

Introduced in 7.1

#### CURLOPT\_POSTFIELDSIZE

Introduced in 7.2

#### CURLOPT\_POSTFIELDSIZE\_LARGE

Introduced in 7.11.1

#### CURLOPT POSTOUOTE

#### CURLOPT\_POSTREDIR

Introduced in 7.19.1

#### CURLOPT PREOUOTE

Introduced in 7.9.5

#### CURLOPT PRIVATE

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#### CURLOPT\_PROGRESSDATA

Introduced in 7.1

#### CURLOPT PROGRESSFUNCTION

Introduced in 7.1 Deprecated since 7.32.0

## CURLOPT\_PROTOCOLS

Introduced in 7.19.4

#### CURLOPT\_PROXY

Introduced in 7.1

#### CURLOPT PROXYAUTH

Introduced in 7.10.7

#### CURLOPT\_PROXYHEADER

Introduced in 7.37.0

#### CURLOPT\_PROXYPASSWORD

Introduced in 7.19.1

#### CURLOPT\_PROXYPORT

Introduced in 7.1

#### CURLOPT\_PROXYTYPE

Introduced in 7.10

## CURLOPT\_PROXYUSERNAME

Introduced in 7.19.1

#### CURLOPT PROXYUSERPWD

Introduced in 7.1

#### CURLOPT\_PROXY\_SERVICE\_NAME

Introduced in 7.43.0

#### CURLOPT\_PROXY\_TRANSFER\_MODE

Introduced in 7.18.0

## CURLOPT\_PUT

Introduced in 7.1

#### CURLOPT\_QUOTE

Introduced in 7.1

#### CURLOPT\_RANDOM\_FILE

Introduced in 7.7

#### CURLOPT\_RANGE

Introduced in 7.1

#### CURLOPT\_READDATA

Introduced in 7.9.7

## CURLOPT\_READFUNCTION

#### CURLOPT\_REDIR\_PROTOCOLS

Introduced in 7.19.4

#### CURLOPT REFERER

Introduced in 7.1

#### CURLOPT RESOLVE

Introduced in 7.21.3

## CURLOPT\_RESUME\_FROM

Introduced in 7.1

#### CURLOPT RESUME FROM LARGE

Introduced in 7.11.0

#### CURLOPT RTSPHEADER

Introduced in 7.20.0

#### CURLOPT\_RTSP\_CLIENT\_CSEQ

Introduced in 7.20.0

## CURLOPT\_RTSP\_REQUEST

Introduced in 7.20.0

## CURLOPT\_RTSP\_SERVER\_CSEQ

Introduced in 7.20.0

#### CURLOPT\_RTSP\_SESSION\_ID

Introduced in 7.20.0

## CURLOPT\_RTSP\_STREAM\_URI

Introduced in 7.20.0

## CURLOPT\_RTSP\_TRANSPORT

Introduced in 7.20.0

## CURLOPT\_SASL\_IR

Introduced in 7.31.0

#### CURLOPT\_SEEKDATA

Introduced in 7.18.0

## CURLOPT\_SEEKFUNCTION

Introduced in 7.18.0

#### CURLOPT\_SERVER\_RESPONSE\_TIMEOUT

Introduced in 7.20.0

## CURLOPT\_SERVICE\_NAME

Introduced in 7.43.0

#### CURLOPT\_SHARE

Introduced in 7.10

## $CURLOPT\_SOCKOPTDATA$

Introduced in 7.16.0

#### CURLOPT\_SOCKOPTFUNCTION

Introduced in 7.16.0

#### CURLOPT\_SOCKS5\_GSSAPI\_NEC

Introduced in 7.19.4

## CURLOPT\_SOCKS5\_GSSAPI\_SERVICE

#### CURLOPT\_SOURCE\_HOST

Introduced in 7.12.1

#### CURLOPT SOURCE PATH

Introduced in 7.12.1

## CURLOPT\_SOURCE\_PORT

Introduced in 7.12.1

#### CURLOPT\_SOURCE\_POSTQUOTE

Introduced in 7.12.1

#### CURLOPT SOURCE PREQUOTE

Introduced in 7.12.1

#### CURLOPT\_SOURCE\_QUOTE

Introduced in 7.13.0

## CURLOPT\_SOURCE\_URL

Introduced in 7.13.0

## CURLOPT\_SOURCE\_USERPWD

Introduced in 7.12.1

#### CURLOPT\_SSH\_AUTH\_TYPES

Introduced in 7.16.1

#### CURLOPT\_SSH\_HOST\_PUBLIC\_KEY\_MD5

Introduced in 7.17.1

## CURLOPT\_SSH\_KEYDATA

Introduced in 7.19.6

## CURLOPT\_SSH\_KEYFUNCTION

Introduced in 7.19.6

## CURLOPT\_SSH\_KNOWNHOSTS

Introduced in 7.19.6

#### CURLOPT\_SSH\_PRIVATE\_KEYFILE

Introduced in 7.16.1

#### CURLOPT\_SSH\_PUBLIC\_KEYFILE

Introduced in 7.16.1

#### CURLOPT\_SSLCERT

Introduced in 7.1

## CURLOPT\_SSLCERTPASSWD

Introduced in 7.1.1 Deprecated since 7.17.0

#### CURLOPT\_SSLCERTTYPE

Introduced in 7.9.3

#### CURLOPT\_SSLENGINE

Introduced in 7.9.3

#### CURLOPT\_SSLENGINE\_DEFAULT

Introduced in 7.9.3

#### CURLOPT\_SSLKEY

Introduced in 7.9.3

#### CURLOPT SSLKEYPASSWD

Introduced in 7.9.3 Deprecated since 7.17.0

#### CURLOPT\_SSLKEYTYPE Introduced in 7.9.3

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CURLOPT\_SSL\_CIPHER\_LIST Introduced in 7.9

CURLOPT\_SSL\_CTX\_DATA Introduced in 7.10.6

CURLOPT\_SSL\_CTX\_FUNCTION Introduced in 7.10.6

CURLOPT\_SSL\_ENABLE\_ALPN Introduced in 7.36.0

CURLOPT\_SSL\_ENABLE\_NPN Introduced in 7.36.0

CURLOPT\_SSL\_FALSESTART Introduced in 7.42.0

CURLOPT\_SSL\_OPTIONS Introduced in 7.25.0

CURLOPT\_SSL\_SESSIONID\_CACHE Introduced in 7.16.0

CURLOPT\_SSL\_VERIFYHOST Introduced in 7.8.1

CURLOPT\_SSL\_VERIFYPEER Introduced in 7.4.2

CURLOPT\_SSL\_VERIFYSTATUS Introduced in 7.41.0

CURLOPT\_STDERR Introduced in 7.1

CURLOPT\_TCP\_KEEPALIVE Introduced in 7.25.0

CURLOPT\_TCP\_KEEPIDLE Introduced in 7.25.0

CURLOPT\_TCP\_KEEPINTVL Introduced in 7.25.0

CURLOPT\_TCP\_NODELAY Introduced in 7.11.2

CURLOPT\_TELNETOPTIONS Introduced in 7.7

CURLOPT\_TFTP\_BLKSIZE Introduced in 7.19.4

CURLOPT\_TIMECONDITION Introduced in 7.1

CURLOPT\_TIMEOUT
Introduced in 7.1

## $CURLOPT\_TIMEOUT\_MS$

Introduced in 7.16.2

#### CURLOPT\_TIMEVALUE

Introduced in 7.1

## CURLOPT\_TLSAUTH\_PASSWORD

Introduced in 7.21.4

## CURLOPT\_TLSAUTH\_TYPE

Introduced in 7.21.4

#### CURLOPT TLSAUTH USERNAME

Introduced in 7.21.4

## CURLOPT\_TRANSFERTEXT

Introduced in 7.1.1

#### CURLOPT\_TRANSFER\_ENCODING

Introduced in 7.21.6

## CURLOPT\_UNIX\_SOCKET\_PATH

Introduced in 7.40.0

#### CURLOPT\_UNRESTRICTED\_AUTH

Introduced in 7.10.4

#### CURLOPT\_UPLOAD

Introduced in 7.1

#### CURLOPT\_URL

Introduced in 7.1

#### CURLOPT\_USERAGENT

Introduced in 7.1

## CURLOPT\_USERNAME

Introduced in 7.19.1

#### CURLOPT\_USERPWD

Introduced in 7.1

## $CURLOPT\_USE\_SSL$

Introduced in 7.17.0

#### CURLOPT\_VERBOSE

Introduced in 7.1

## CURLOPT\_WILDCARDMATCH

Introduced in 7.21.0

#### CURLOPT\_WRITEDATA

Introduced in 7.9.7

#### CURLOPT\_WRITEFUNCTION

Introduced in 7.1

#### CURLOPT\_WRITEHEADER

Introduced in 7.1

#### CURLOPT\_WRITEINFO

Introduced in 7.1

## CURLOPT\_XFERINFODATA

#### CURLOPT\_XFERINFOFUNCTION Introduced in 7.32.0

## CURLOPT\_XOAUTH2\_BEARER Introduced in 7.33.0

CURLPAUSE\_ALL Introduced in 7.18.0

CURLPAUSE\_CONT Introduced in 7.18.0

CURLPAUSE\_RECV

Introduced in 7.18.0

CURLPAUSE\_RECV\_CONT Introduced in 7.18.0

CURLPAUSE\_SEND Introduced in 7.18.0

CURLPAUSE\_SEND\_CONT Introduced in 7.18.0

CURLPIPE\_HTTP1 Introduced in 7.43.0

CURLPIPE\_MULTIPLEX Introduced in 7.43.0

CURLPIPE\_NOTHING Introduced in 7.43.0

CURLPROTO\_ALL Introduced in 7.19.4

CURLPROTO\_DICT Introduced in 7.19.4

CURLPROTO\_FILE Introduced in 7.19.4

CURLPROTO\_FTP
Introduced in 7.19.4

CURLPROTO\_FTPS
Introduced in 7.19.4

CURLPROTO\_GOPHER Introduced in 7.21.2

CURLPROTO\_HTTP
Introduced in 7.19.4

CURLPROTO\_HTTPS Introduced in 7.19.4

CURLPROTO\_IMAP Introduced in 7.20.0

CURLPROTO\_IMAPS Introduced in 7.20.0

CURLPROTO\_LDAP Introduced in 7.19.4

#### CURLPROTO\_LDAPS

Introduced in 7.19.4

## CURLPROTO\_POP3

Introduced in 7.20.0

## CURLPROTO\_POP3S

Introduced in 7.20.0

## CURLPROTO\_RTMP

Introduced in 7.21.0

#### CURLPROTO RTMPE

Introduced in 7.21.0

## CURLPROTO\_RTMPS

Introduced in 7.21.0

## CURLPROTO\_RTMPT

Introduced in 7.21.0

#### CURLPROTO RTMPTE

Introduced in 7.21.0

## CURLPROTO\_RTMPTS

Introduced in 7.21.0

#### CURLPROTO\_RTSP

Introduced in 7.20.0

#### CURLPROTO\_SCP

Introduced in 7.19.4

## CURLPROTO\_SFTP

Introduced in 7.19.4

## CURLPROTO\_SMB

Introduced in 7.40.0

#### CURLPROTO\_SMBS

Introduced in 7.40.0

## CURLPROTO\_SMTP

Introduced in 7.20.0

#### CURLPROTO\_SMTPS

Introduced in 7.20.0

## CURLPROTO\_TELNET

Introduced in 7.19.4

#### CURLPROTO\_TFTP

Introduced in 7.19.4

#### CURLPROXY\_HTTP

Introduced in 7.10

#### CURLPROXY\_HTTP\_1\_0

Introduced in 7.19.4

#### CURLPROXY\_SOCKS4

Introduced in 7.10

#### CURLPROXY SOCKS4A

#### CURLPROXY\_SOCKS5

Introduced in 7.10

#### CURLPROXY\_SOCKS5\_HOSTNAME

Introduced in 7.18.0

## CURLSHE\_BAD\_OPTION

Introduced in 7.10.3

#### CURLSHE\_INVALID

Introduced in 7.10.3

#### CURLSHE IN USE

Introduced in 7.10.3

## CURLSHE\_NOMEM

Introduced in 7.12.0

#### CURLSHE\_NOT\_BUILT\_IN

Introduced in 7.23.0

#### CURLSHE OK

Introduced in 7.10.3

#### CURLSHOPT\_LOCKFUNC

Introduced in 7.10.3

#### CURLSHOPT\_NONE

Introduced in 7.10.3

#### CURLSHOPT\_SHARE

Introduced in 7.10.3

#### CURLSHOPT\_UNLOCKFUNC

Introduced in 7.10.3

## CURLSHOPT\_UNSHARE

Introduced in 7.10.3

#### CURLSHOPT\_USERDATA

Introduced in 7.10.3

## CURLSOCKTYPE\_ACCEPT

Introduced in 7.28.0

#### CURLSOCKTYPE\_IPCXN

Introduced in 7.16.0

## CURLSSH\_AUTH\_AGENT

Introduced in 7.28.0

#### CURLSSH\_AUTH\_ANY

Introduced in 7.16.1

#### CURLSSH\_AUTH\_DEFAULT

Introduced in 7.16.1

#### CURLSSH\_AUTH\_HOST

Introduced in 7.16.1

#### CURLSSH\_AUTH\_KEYBOARD

Introduced in 7.16.1

#### CURLSSH AUTH NONE

#### CURLSSH\_AUTH\_PASSWORD Introduced in 7.16.1

## CURLSSH\_AUTH\_PUBLICKEY Introduced in 7.16.1

### CURLSSLBACKEND\_AXTLS Introduced in 7.38.0

## CURLSSLBACKEND\_CYASSL Introduced in 7.34.0

## CURLSSLBACKEND\_DARWINSSL

Introduced in 7.34.0

## CURLSSLBACKEND\_GNUTLS Introduced in 7.34.0

## CURLSSLBACKEND\_GSKIT Introduced in 7.34.0

### CURLSSLBACKEND\_NONE Introduced in 7.34.0

## CURLSSLBACKEND\_NSS Introduced in 7.34.0

## CURLSSLBACKEND\_OPENSSL Introduced in 7.34.0

## CURLSSLBACKEND\_POLARSSL Introduced in 7.34.0

## CURLSSLBACKEND\_QSOSSL Introduced in 7.34.0

#### CURLSSLBACKEND\_SCHANNEL Introduced in 7.34.0

## CURLSSLOPT\_ALLOW\_BEAST Introduced in 7.25.0

## CURLSSLOPT\_NO\_REVOKE Introduced in 7.44.0

## CURLUSESSL\_ALL Introduced in 7.17.0

#### CURLUSESSL\_CONTROL Introduced in 7.17.0

## CURLUSESSL\_NONE Introduced in 7.17.0

# CURLUSESSL\_TRY Introduced in 7.17.0

## CURLVERSION\_FIRST Introduced in 7.10

# CURLVERSION\_FOURTH Introduced in 7.16.1

## CURLVERSION\_NOW Introduced in 7.10

### CURLVERSION\_SECOND

Introduced in 7.11.1

#### CURLVERSION\_THIRD

Introduced in 7.12.0

## CURL\_CHUNK\_BGN\_FUNC\_FAIL

Introduced in 7.21.0

## CURL\_CHUNK\_BGN\_FUNC\_OK

Introduced in 7.21.0

#### CURL CHUNK BGN FUNC SKIP

Introduced in 7.21.0

## CURL\_CHUNK\_END\_FUNC\_FAIL

Introduced in 7.21.0

## CURL\_CHUNK\_END\_FUNC\_OK

Introduced in 7.21.0

#### CURL\_CSELECT\_ERR

Introduced in 7.16.3

## CURL\_CSELECT\_IN

Introduced in 7.16.3

#### CURL\_CSELECT\_OUT

Introduced in 7.16.3

#### CURL\_EASY\_NONE

Introduced in 7.14.0

#### CURL\_EASY\_TIMEOUT

Introduced in 7.14.0

## CURL\_ERROR\_SIZE

Introduced in 7.1

## CURL\_FNMATCHFUNC\_FAIL

Introduced in 7.21.0

#### CURL\_FNMATCHFUNC\_MATCH

Introduced in 7.21.0

#### CURL\_FNMATCHFUNC\_NOMATCH

Introduced in 7.21.0

## CURL\_FORMADD\_DISABLED

Introduced in 7.12.1

## CURL\_FORMADD\_ILLEGAL\_ARRAY

Introduced in 7.9.8

# CURL\_FORMADD\_INCOMPLETE

Introduced in 7.9.8

#### CURL\_FORMADD\_MEMORY

Introduced in 7.9.8

#### CURL\_FORMADD\_NULL

Introduced in 7.9.8

## CURL FORMADD OK

- CURL\_FORMADD\_OPTION\_TWICE Introduced in 7.9.8
- CURL\_FORMADD\_UNKNOWN\_OPTION Introduced in 7.9.8
- CURL\_GLOBAL\_ACK\_EINTR Introduced in 7.30.0
- CURL\_GLOBAL\_ALL Introduced in 7.8
- CURL\_GLOBAL\_DEFAULT Introduced in 7.8
- CURL\_GLOBAL\_NOTHING Introduced in 7.8
- CURL\_GLOBAL\_SSL Introduced in 7.8
- CURL\_GLOBAL\_WIN32 Introduced in 7.8.1
- CURL\_HTTP\_VERSION\_1\_0 Introduced in 7.9.1
- CURL\_HTTP\_VERSION\_1\_1 Introduced in 7.9.1
- CURL\_HTTP\_VERSION\_2\_0 Introduced in 7.33.0
- CURL\_HTTP\_VERSION\_2 Introduced in 7.43.0
- CURL\_HTTP\_VERSION\_NONE Introduced in 7.9.1
- CURL\_IPRESOLVE\_V4
  Introduced in 7.10.8
- CURL\_IPRESOLVE\_V6
  Introduced in 7.10.8
- CURL\_IPRESOLVE\_WHATEVER Introduced in 7.10.8
- CURL\_LOCK\_ACCESS\_NONE Introduced in 7.10.3
- CURL\_LOCK\_ACCESS\_SHARED Introduced in 7.10.3
- CURL\_LOCK\_ACCESS\_SINGLE Introduced in 7.10.3
- CURL\_LOCK\_DATA\_CONNECT Introduced in 7.10.3
- CURL\_LOCK\_DATA\_COOKIE Introduced in 7.10.3
- CURL\_LOCK\_DATA\_DNS Introduced in 7.10.3

- CURL\_LOCK\_DATA\_NONE Introduced in 7.10.3
- CURL\_LOCK\_DATA\_SHARE Introduced in 7.10.4
- CURL\_LOCK\_DATA\_SSL\_SESSION Introduced in 7.10.3
- CURL\_LOCK\_TYPE\_CONNECT Introduced in 7.10
- CURL\_LOCK\_TYPE\_COOKIE Introduced in 7.10
- CURL\_LOCK\_TYPE\_DNS Introduced in 7.10
- CURL\_LOCK\_TYPE\_NONE Introduced in 7.10
- CURL\_LOCK\_TYPE\_SSL\_SESSION Introduced in 7.10
- CURL\_MAX\_HTTP\_HEADER Introduced in 7.19.7
- CURL\_MAX\_WRITE\_SIZE Introduced in 7.9.7
- CURL\_NETRC\_IGNORED Introduced in 7.9.8
- CURL\_NETRC\_OPTIONAL Introduced in 7.9.8
- CURL\_NETRC\_REQUIRED Introduced in 7.9.8
- CURL\_POLL\_IN
  Introduced in 7.14.0
- CURL\_POLL\_INOUT Introduced in 7.14.0
- CURL\_POLL\_NONE Introduced in 7.14.0
- CURL\_POLL\_OUT Introduced in 7.14.0
- CURL\_POLL\_REMOVE Introduced in 7.14.0
- CURL\_PROGRESS\_BAR Introduced in 7.1.1
- CURL\_PROGRESS\_STATS Introduced in 7.1.1
- CURL\_PUSH\_DENY
  Introduced in 7.44.0
- CURL\_PUSH\_OK Introduced in 7.44.0

- CURL\_READFUNC\_ABORT Introduced in 7.12.1
- CURL\_READFUNC\_PAUSE Introduced in 7.18.0
- CURL\_REDIR\_GET\_ALL Introduced in 7.19.1
- CURL\_REDIR\_POST\_301 Introduced in 7.19.1
- CURL\_REDIR\_POST\_302 Introduced in 7.19.1
- CURL\_REDIR\_POST\_303 Introduced in 7.25.1
- CURL\_REDIR\_POST\_ALL Introduced in 7.19.1
- CURL\_RTSPREQ\_ANNOUNCE Introduced in 7.20.0
- CURL\_RTSPREQ\_DESCRIBE Introduced in 7.20.0
- CURL\_RTSPREQ\_GET\_PARAMETER Introduced in 7.20.0
- CURL\_RTSPREQ\_NONE Introduced in 7.20.0
- CURL\_RTSPREQ\_OPTIONS Introduced in 7.20.0
- CURL\_RTSPREQ\_PAUSE Introduced in 7.20.0
- CURL\_RTSPREQ\_PLAY Introduced in 7.20.0
- CURL\_RTSPREQ\_RECEIVE Introduced in 7.20.0
- CURL\_RTSPREQ\_RECORD Introduced in 7.20.0
- CURL\_RTSPREQ\_SETUP Introduced in 7.20.0
- CURL\_RTSPREQ\_SET\_PARAMETER Introduced in 7.20.0
- CURL\_RTSPREQ\_TEARDOWN Introduced in 7.20.0
- CURL\_SEEKFUNC\_CANTSEEK Introduced in 7.19.5
- CURL\_SEEKFUNC\_FAIL Introduced in 7.19.5
- CURL\_SEEKFUNC\_OK Introduced in 7.19.5

#### CURL\_SOCKET\_BAD

Introduced in 7.14.0

#### CURL\_SOCKET\_TIMEOUT

Introduced in 7.14.0

## CURL\_SOCKOPT\_ALREADY\_CONNECTED

Introduced in 7.21.5

#### CURL\_SOCKOPT\_ERROR

Introduced in 7.21.5

#### CURL SOCKOPT OK

Introduced in 7.21.5

#### **CURL SSLVERSION DEFAULT**

Introduced in 7.9.2

## CURL\_SSLVERSION\_SSL

Introduced in

#### CURL\_SSLVERSION\_SSL

Introduced in

### CURL\_SSLVERSION\_TLS

Introduced in

## CURL\_SSLVERSION\_TLS

Introduced in

## CURL\_SSLVERSION\_TLS

Introduced in

#### CURL\_SSLVERSION\_TLS

Introduced in

#### CURL TIMECOND IFMODSINCE

Introduced in 7.9.7

#### CURL\_TIMECOND\_IFUNMODSINCE

Introduced in 7.9.7

#### CURL\_TIMECOND\_LASTMOD

Introduced in 7.9.7

#### CURL\_TIMECOND\_NONE

Introduced in 7.9.7

## CURL\_TLSAUTH\_NONE

Introduced in 7.21.4

#### CURL\_TLSAUTH\_SRP

Introduced in 7.21.4

## CURL\_VERSION\_ASYNCHDNS

Introduced in 7.10.7

#### CURL\_VERSION\_CONV

Introduced in 7.15.4

#### CURL\_VERSION\_CURLDEBUG

Introduced in 7.19.6

#### CURL VERSION DEBUG

## CURL\_VERSION\_GSSAPI

Introduced in 7.38.0

#### CURL\_VERSION\_GSSNEGOTIATE

Introduced in 7.10.6 Deprecated since 7.38.0

## CURL\_VERSION\_HTTP2

Introduced in 7.33.0

#### CURL\_VERSION\_IDN

Introduced in 7.12.0

#### **CURL VERSION IPV6**

Introduced in 7.10

#### CURL\_VERSION\_KERBEROS4

Introduced in 7.10 Deprecated since 7.33.0

## CURL\_VERSION\_KERBEROS5

Introduced in 7.40.0

#### CURL\_VERSION\_LARGEFILE

Introduced in 7.11.1

#### CURL\_VERSION\_LIBZ

Introduced in 7.10

#### CURL\_VERSION\_NTLM

Introduced in 7.10.6

#### CURL\_VERSION\_NTLM\_WB

Introduced in 7.22.0

#### CURL\_VERSION\_SPNEGO

Introduced in 7.10.8

#### **CURL VERSION SSL**

Introduced in 7.10

#### CURL\_VERSION\_SSPI

Introduced in 7.13.2

## CURL\_VERSION\_TLSAUTH\_SRP

Introduced in 7.21.4

#### CURL\_VERSION\_UNIX\_SOCKETS

Introduced in 7.40.0

## CURL\_WAIT\_POLLIN

Introduced in 7.28.0

## CURL\_WAIT\_POLLOUT

Introduced in 7.28.0

#### CURL\_WAIT\_POLLPRI

Introduced in 7.28.0

#### CURL\_WRITEFUNC\_PAUSE