

**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

Introduced in 7.7

CURLCLOSEPOLICY\_SLOWEST  
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\_HTTP2\_STREAM  
Introduced in 7.49.0

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  
Introduced in 7.1

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  
Introduced in 7.12.3

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

CURLFININFOFLAG\_KNOWN\_FILENAME  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_FILETYPE  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_GID  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_HLINKCOUNT  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_PERM  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_SIZE  
Introduced in 7.21.0

CURLFININFOFLAG\_KNOWN\_TIME  
Introduced in 7.21.0

CURLFININFOFLAG\_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\_CONTENTLEN  
Introduced in 7.46.0

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\_NOHING  
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  
Introduced in 7.15.3

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  
Introduced in 7.4.1

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\_HTTP\_VERSION  
Introduced in 7.50.0

CURLINFO\_LASTONE  
Introduced in 7.4.1

CURLINFO\_LASTSOCKET  
Introduced in 7.15.2

CURLINFO\_LOCAL\_IP  
Introduced in 7.21.0

CURLINFO\_LOCAL\_PORT  
Introduced in 7.21.0

CURLINFO\_LONG  
Introduced in 7.4.1

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  
Introduced in 7.12.3

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 Deprecated since 7.48.0

CURLINFO\_TLS\_SSL\_PTR  
Introduced in 7.48.0

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  
Introduced in 7.19.6

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  
Introduced in 7.16.0

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

CURLOPTTYPE\_STRINGPOINT  
Introduced in 7.46.0

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  
Introduced in 7.10

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\_CONNECT\_TO  
Introduced in 7.49.0

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  
Introduced in 7.17.1

CURLOPT\_CRLF  
Introduced in 7.1

CURLOPT\_CRLFFILE  
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  
Introduced in 7.21.0

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  
Introduced in 7.10

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  
Introduced in 7.10.8

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  
Introduced in 7.16.4

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\_OPEN\_SOCKET\_DATA  
Introduced in 7.17.1

CURLOPT\_OPEN\_SOCKET\_FUNCTION  
Introduced in 7.17.1

CURLOPT\_PASSWDATA  
Introduced in 7.4.2 Deprecated since 7.11.1 Last used in 7.11.1

CURLOPT\_PASSWD\_FUNCTION  
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\_POSTQUOTE  
Introduced in 7.1

CURLOPT\_POSTREDIR  
Introduced in 7.19.1

CURLOPT\_PREQUOTE  
Introduced in 7.9.5

CURLOPT\_PRIVATE  
Introduced in 7.10.3

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  
Introduced in 7.1

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  
Introduced in 7.19.4 Deprecated since 7.49.0

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

CURLOPT\_SSLVERSION  
Introduced in 7.1

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\_STREAM\_DEPENDS  
Introduced in 7.46.0

CURLOPT\_STREAM\_DEPENDS\_E  
Introduced in 7.46.0



CURLOPT\_STREAM\_WEIGHT  
Introduced in 7.46.0

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\_TCP\_FASTOPEN  
Introduced in 7.49.0

CURLOPT\_TELNETOPTIONS  
Introduced in 7.7

CURLOPT\_TFTP\_BLKSIZE  
Introduced in 7.19.4

CURLOPT\_TFTP\_NO\_OPTIONS  
Introduced in 7.48.0

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  
Introduced in 7.32.0

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\_RTMP\_S  
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  
Introduced in 7.18.0

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  
Introduced in 7.16.1

CURLSSH\_AUTH\_PASSWORD  
Introduced in 7.16.1

CURLSSH\_AUTH\_PUBLICKEY  
Introduced in 7.16.1

CURLSSLBACKEND\_AXTLS  
Introduced in 7.38.0

CURLSSLBACKEND\_BORINGSSL  
Introduced in 7.49.0

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\_LIBRESSL  
Introduced in 7.49.0

CURLSSLBACKEND\_MBEDTLS  
Introduced in 7.46.0

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

CURLSSLBACKEND\_WOLFSSL  
Introduced in 7.49.0

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\_DID\_MEMORY\_FUNC\_TYPEDEFS  
Introduced in 7.49.0

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  
Introduced in 7.9.8

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\_NOHING  
Introduced in 7.8

CURL\_GLOBAL\_SSL  
Introduced in 7.8

CURL\_GLOBAL\_WIN32  
Introduced in 7.8.1

CURL\_HTTPPOST\_BUFFER  
Introduced in 7.46.0

CURL\_HTTPPOST\_CALLBACK  
Introduced in 7.46.0

CURL\_HTTPPOST\_FILENAME  
Introduced in 7.46.0

CURL\_HTTPPOST\_LARGE  
Introduced in 7.46.0

CURL\_HTTPPOST\_PTRBUFFER  
Introduced in 7.46.0

CURL\_HTTPPOST\_PTRCONTENTS  
Introduced in 7.46.0

CURL\_HTTPPOST\_PTRNAME  
Introduced in 7.46.0

CURL\_HTTPPOST\_READFILE  
Introduced in 7.46.0

CURL\_HTTP\_VERSION\_1\_0  
Introduced in 7.9.1

CURL\_HTTP\_VERSION\_1\_1  
Introduced in 7.9.1

CURL\_HTTP\_VERSION\_2  
Introduced in 7.43.0

CURL\_HTTP\_VERSION\_2\_0  
Introduced in 7.33.0

CURL\_HTTP\_VERSION\_2TLS  
Introduced in 7.47.0

CURL\_HTTP\_VERSION\_2\_PRIOR\_KNOWLEDGE  
Introduced in 7.49.0

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\_STRICTER  
Introduced in 7.50.2

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  
Introduced in 7.10.6

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\_PSL  
Introduced in 7.47.0

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  
Introduced in 7.18.0