

NAME

CURLOPT_MAXLIFETIME_CONN – max lifetime (since creation) allowed for reusing a connection

SYNOPSIS

```
#include <curl/curl.h>
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_MAXLIFETIME_CONN,  
                           long maxlifetime);
```

DESCRIPTION

Pass a long as parameter containing *maxlifetime* – the maximum time in seconds, since the creation of the connection, that you allow an existing connection to have to be considered for reuse for this request.

libcurl features a connection cache that holds previously used connections. When a new request is to be done, libcurl considers any connection that matches for reuse. The *CURLOPT_MAXLIFETIME_CONN(3)* limit prevents libcurl from trying too old connections for reuse. This can be used for client-side load balancing. If a connection is found in the cache that is older than this set *maxlifetime*, it is instead marked for closure.

If set to 0, this behavior is disabled: all connections are eligible for reuse.

DEFAULT

24 hours (since 8.17.0). Before that, the default was 0 seconds (i.e., disabled)

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");

        /* only allow each connection to be reused for 30 seconds */
        curl_easy_setopt(curl, CURLOPT_MAXLIFETIME_CONN, 30L);

        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.80.0

RETURN VALUE

curl_easy_setopt(3) returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non-zero means an error occurred, see *libcurl-errors(3)*.

SEE ALSO

**CURLOPT_FORBID_REUSE(3), CURLOPT_FRESH_CONNECT(3), CURLOPT_MAX-
AGE_CONN(3), CURLOPT_TIMEOUT(3)**