

NAME

CURLOPT_TIMEOUT_MS – maximum time the transfer is allowed to complete

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_TIMEOUT_MS, long timeout);
```

DESCRIPTION

Pass a long as parameter containing *timeout* – the maximum time in milliseconds that you allow the libcurl transfer operation to take.

See *CURLOPT_TIMEOUT(3)* for details.

DEFAULT

0 (zero) which means it never times out during transfer.

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");

        /* complete within 20000 milliseconds */
        curl_easy_setopt(curl, CURLOPT_TIMEOUT_MS, 20000L);

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

AVAILABILITY

Added in curl 7.16.2

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_CONNECTTIMEOUT(3), CURLOPT_LOW_SPEED_LIMIT(3), CUR-
LOPT_TCP_KEEPALIVE(3), CURLOPT_TIMEOUT(3)