

NAME

CURLOPT_TIMECONDITION – select condition for a time request

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_TIMECONDITION, long cond);
```

DESCRIPTION

Pass a long as parameter. This defines how the *CURLOPT_TIMEVALUE(3)* time value is treated. You can set this parameter to *CURL_TIMECOND_IFMODSINCE* or *CURL_TIMECOND_IFUNMODSINCE*.

The last modification time of a file is not always known and in such instances this feature has no effect even if the given time condition would not have been met. *curl_easy_getinfo(3)* with the *CURLINFO_CONDITION_UNMET* option can be used after a transfer to learn if a zero-byte successful "transfer" was due to this condition not matching.

DEFAULT

CURL_TIMECOND_NONE (0)

PROTOCOLS

This functionality affects file, ftp and http

EXAMPLE

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

        /* January 1, 2020 is 1577833200 */
        curl_easy_setopt(curl, CURLOPT_TIMEVALUE, 1577833200L);

        /* If-Modified-Since the above time stamp */
        curl_easy_setopt(curl, CURLOPT_TIMECONDITION, CURL_TIMECOND_IFMODSINCE);

        /* Perform the request */
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

HISTORY

CURL_TIMECOND_* enums became *long* types in 8.13.0, prior to this version a *long* cast was necessary when passed to *curl_easy_setopt(3)*.

AVAILABILITY

Added in curl 7.1

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

CURLINFO_FILETIME(3), **CURLOPT_TIMEVALUE(3)**