

NAME

CURLOPT_CONNECT_ONLY – stop when connected to target server

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_CONNECT_ONLY, long only);
```

DESCRIPTION

Pass a long. If the parameter equals 1, it tells the library to perform all the required proxy authentication and connection setup, but no data transfer, and then return.

The option can be used to test a connection to a server, but is more useful when used with the *CURLINFO_ACTIVESOCKET(3)* option to *curl_easy_getinfo(3)* as the library can set up the connection and then the application can obtain the most recently used socket for special data transfers.

This option can be set to '2' and if WebSocket is used, libcurl performs the request and reads all response headers before handing over control to the application. For other protocols the behavior of '2' is undefined.

Transfers marked connect only do not reuse any existing connections and connections marked connect only are not allowed to get reused.

If the connect only transfer is done using the multi interface, the particular easy handle must remain added to the multi handle for as long as the application wants to use it. Once it has been removed with *curl_multi_remove_handle(3)*, *curl_easy_send(3)* and *curl_easy_recv(3)* do not function.

DEFAULT

0

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/");
        curl_easy_setopt(curl, CURLOPT_CONNECT_ONLY, 1L);
        result = curl_easy_perform(curl);
        if(result == CURLE_OK) {
            /* only connected */
        }
    }
}
```

HISTORY

WS and WSS support added in 7.86.0.

AVAILABILITY

Added in curl 7.15.2

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_HTTPPROXYTUNNEL**(3),
curl_easy_send(3)**CURLOPT_VERBOSE**(3),**curl_easy_recv**(3),