

NAME

CURLOPT_SUPPRESS_CONNECT_HEADERS – suppress proxy CONNECT response headers

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SUPPRESS_CONNECT_HEADERS, long onoff);
```

DESCRIPTION

When *CURLOPT_HTTPPROXYTUNNEL(3)* is used and a CONNECT request is made, suppress proxy CONNECT response headers from the user callback functions *CURLOPT_HEADERFUNCTION(3)* and *CURLOPT_WRITEFUNCTION(3)*.

Proxy CONNECT response headers can complicate header processing since it is essentially a separate set of headers. You can enable this option to suppress those headers.

For example let's assume an HTTPS URL is to be retrieved via CONNECT. On success there would normally be two sets of headers, and each header line sent to the header function and/or the write function. The data given to the callbacks would look like this:

```
HTTP/1.1 200 Connection established
{headers}
...
```

```
HTTP/1.1 200 OK
Content-Type: application/json
{headers}
...

{body}
...
```

However by enabling this option the CONNECT response headers are suppressed, so the data given to the callbacks would look like this:

```
HTTP/1.1 200 OK
Content-Type: application/json
{headers}
...

{body}
...
```

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_HEADER, 1L);
curl_easy_setopt(curl, CURLOPT_PROXY, "http://proxy.example:3128");
curl_easy_setopt(curl, CURLOPT_HTTPPROXYTUNNEL, 1L);
curl_easy_setopt(curl, CURLOPT_SUPPRESS_CONNECT_HEADERS, 1L);

result = curl_easy_perform(curl);

/* always cleanup */
curl_easy_cleanup(curl);
}
```

AVAILABILITY

Added in curl 7.54.0

RETURN VALUE

CURLE_OK or an error such as CURLE_UNKNOWN_OPTION.

SEE ALSO

CURLOPT_HEADER(3), CURLOPT_HTTPPROXYTUNNEL(3), CURLOPT_PROXY(3)