

## NAME

curl\_multi\_setopt – set options for a curl multi handle

## SYNOPSIS

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

```
CURLMcode curl_multi_setopt(CURLM * multi_handle, CURLMoption option, param);
```

## DESCRIPTION

*curl\_multi\_setopt(3)* is used to tell a libcurl multi handle how to behave. By using the appropriate options to *curl\_multi\_setopt(3)*, you can change libcurl's behaviour when using that multi handle. All options are set with the *option* followed by the parameter *param*. That parameter can be a **long**, a **function pointer**, an **object pointer** or a **curl\_off\_t** type, depending on what the specific option expects. Read this manual carefully as bad input values may cause libcurl to behave badly! You can only set one option in each function call.

## OPTIONS

CURLMOPT\_SOCKETFUNCTION

See *CURLMOPT\_SOCKETFUNCTION(3)*

CURLMOPT\_SOCKETDATA

See *CURLMOPT\_SOCKETDATA(3)*

CURLMOPT\_PIPELINING

See *CURLMOPT\_PIPELINING(3)*

CURLMOPT\_TIMERFUNCTION

See *CURLMOPT\_TIMERFUNCTION(3)*

CURLMOPT\_TIMERDATA

See *CURLMOPT\_TIMERDATA(3)*

CURLMOPT\_MAX\_HOST\_CONNECTIONS

See *CURLMOPT\_MAX\_HOST\_CONNECTIONS(3)*

CURLMOPT\_MAX\_PIPELINE\_LENGTH

See *CURLMOPT\_MAX\_PIPELINE\_LENGTH(3)*

CURLMOPT\_CONTENT\_LENGTH\_PENALTY\_SIZE

See *CURLMOPT\_CONTENT\_LENGTH\_PENALTY\_SIZE(3)*

CURLMOPT\_CHUNK\_LENGTH\_PENALTY\_SIZE

See *CURLMOPT\_CHUNK\_LENGTH\_PENALTY\_SIZE(3)*

CURLMOPT\_PIPELINING\_SITE\_BL

See *CURLMOPT\_PIPELINING\_SITE\_BL(3)*

CURLMOPT\_PIPELINING\_SERVER\_BL

See *CURLMOPT\_PIPELINING\_SERVER\_BL(3)*

CURLMOPT\_MAX\_TOTAL\_CONNECTIONS

See *CURLMOPT\_MAX\_TOTAL\_CONNECTIONS(3)*

## RETURNS

The standard CURLMcode for multi interface error codes. Note that it returns a CURLM\_UNKNOWN\_OPTION if you try setting an option that this version of libcurl doesn't know of.

## AVAILABILITY

This function was added in libcurl 7.15.4.

## SEE ALSO

**curl\_multi\_cleanup(3)**, **curl\_multi\_init(3)**, **curl\_multi\_socket(3)**, **curl\_multi\_info\_read(3)**