

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, parameter);
```

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 behavior when using that multi handle. All options are set with the *option* followed by the *parameter*. 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_CHUNK_LENGTH_PENALTY_SIZE

See *CURLMOPT_CHUNK_LENGTH_PENALTY_SIZE(3)*

CURLMOPT_CONTENT_LENGTH_PENALTY_SIZE

See *CURLMOPT_CONTENT_LENGTH_PENALTY_SIZE(3)*

CURLMOPT_MAX_HOST_CONNECTIONS

See *CURLMOPT_MAX_HOST_CONNECTIONS(3)*

CURLMOPT_MAX_PIPELINE_LENGTH

See *CURLMOPT_MAX_PIPELINE_LENGTH(3)*

CURLMOPT_MAX_TOTAL_CONNECTIONS

See *CURLMOPT_MAX_TOTAL_CONNECTIONS(3)*

CURLMOPT_MAXCONNECTS

See *CURLMOPT_MAXCONNECTS(3)*

CURLMOPT_PIPELINING

See *CURLMOPT_PIPELINING(3)*

CURLMOPT_PIPELINING_SITE_BL

See *CURLMOPT_PIPELINING_SITE_BL(3)*

CURLMOPT_PIPELINING_SERVER_BL

See *CURLMOPT_PIPELINING_SERVER_BL(3)*

CURLMOPT_PUSHFUNCTION

See *CURLMOPT_PUSHFUNCTION(3)*

CURLMOPT_PUSHDATA

See *CURLMOPT_PUSHDATA(3)*

CURLMOPT_SOCKETFUNCTION

See *CURLMOPT_SOCKETFUNCTION(3)*

CURLMOPT_SOCKETDATA

See *CURLMOPT_SOCKETDATA(3)*

CURLMOPT_TIMERFUNCTION

See *CURLMOPT_TIMERFUNCTION(3)*

CURLMOPT_TIMERDATA

See *CURLMOPT_TIMERDATA(3)*

CURLMOPT_MAX_CONCURRENT_STREAMS

See *CURLMOPT_MAX_CONCURRENT_STREAMS(3)*

EXAMPLE

```
#define MAX_PARALLEL 45

int main(void)
{
    CURLM *multi;
    /* Limit the amount of simultaneous connections curl should allow: */
    curl_multi_setopt(multi, CURLMOPT_MAXCONNECTS, (long)MAX_PARALLEL);
}
```

AVAILABILITY

Added in 7.15.4

RETURN VALUE

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 does not know of.

SEE ALSO

curl_multi_cleanup(3), curl_multi_info_read(3), curl_multi_init(3), curl_multi_socket(3)