

NAME

CURLMOPT_MAXCONNECTS – size of connection cache

SYNOPSIS

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

```
CURLMcode curl_multi_setopt(CURLM *handle, CURLMOPT_MAXCONNECTS, long max);
```

DESCRIPTION

Pass a long indicating the **max**, the maximum amount of connections that libcurl may keep alive in its connection cache after use. By default libcurl enlarges the size for each added easy handle to make it fit 4 times the number of added easy handles.

By setting this option, you prevent the cache size from growing beyond the limit set by you.

When the cache is full, curl closes the oldest connection present in the cache to prevent the number of connections from increasing.

This option is for the multi handle's use only, when using the easy interface you should instead use the *CURLOPT_MAXCONNECTS(3)* option.

See *CURLMOPT_MAX_TOTAL_CONNECTIONS(3)* for limiting the number of active connections.

Changing this value when there are transfers in progress is possible, and the new value is then used the next time checks are performed. Lowering the value does not close down any active transfers, it prevents new ones from being made.

DEFAULT

See DESCRIPTION

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    CURLM *m = curl_multi_init();
    /* only keep 10 connections in the cache */
    curl_multi_setopt(m, CURLMOPT_MAXCONNECTS, 10L);
}
```

AVAILABILITY

Added in curl 7.16.3

RETURN VALUE

curl_multi_setopt(3) returns a CURLMcode indicating success or error.

CURLM_OK (0) means everything was OK, non-zero means an error occurred, see *libcurl-errors(3)*.

SEE ALSO

CURLMOPT_MAX_HOST_CONNECTIONS(3), *CURLOPT_MAXCONNECTS(3)*