

NAME

CURLOPT_LOCALPORT – local port number to use for socket

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_LOCALPORT, long port);
```

DESCRIPTION

Pass a long. This sets the local port number of the socket used for the connection. This can be used in combination with *CURLOPT_INTERFACE(3)* and you are recommended to use *CURLOPT_LOCALPORTRANGE(3)* as well when this option is set. Valid port numbers are 1 – 65535.

DEFAULT

0, disabled – use whatever the system thinks is fine

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/foo.bin");
        curl_easy_setopt(curl, CURLOPT_LOCALPORT, 49152L);
        /* and try 20 more ports following that */
        curl_easy_setopt(curl, CURLOPT_LOCALPORTRANGE, 20L);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

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

CURLINFO_LOCAL_PORT(3), CURLOPT_INTERFACE(3), CURLOPT_LOCALPORTRANGE(3)