

NAME

CURLINFO_LOCAL_PORT – latest local port number

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_LOCAL_PORT, long *portp);
```

DESCRIPTION

Pass a pointer to a long to receive the local port number of the most recent connection done with this **curl** handle.

If the connection was done using QUIC, the port number is a UDP port number, otherwise it is a TCP port number.

If no connection was established or if the protocol does not use ports, -1 is returned.

PROTOCOLS

This functionality affects quic and tcp

EXAMPLE

```
int main(void)
{
    CURL *curl;
    CURLcode result;

    curl = curl_easy_init();
    if(curl) {
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com/");
        result = curl_easy_perform(curl);

        if(result == CURLE_OK) {
            long port;
            result = curl_easy_getinfo(curl, CURLINFO_LOCAL_PORT, &port);

            if(result == CURLE_OK) {
                printf("We used local port: %ld\n", port);
            }
        }
        curl_easy_cleanup(curl);
    }
    return 0;
}
```

AVAILABILITY

Added in curl 7.21.0

RETURN VALUE

curl_easy_getinfo(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_IP(3), **CURLINFO_PRIMARY_PORT(3)**, **curl_easy_getinfo(3)**, **curl_easy_setopt(3)**