

NAME

CURLOPT_PORT – remote port number to connect to

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_PORT, long number);
```

DESCRIPTION

We discourage using this option since its scope is not obvious and hard to predict. Set the preferred port number in the URL instead.

This option sets *number* to be the remote port number to connect to, instead of the one specified in the URL or the default port for the used protocol.

Usually, you let the URL decide which port to use but this allows the application to override that.

While this option accepts a 'long', a port number is an unsigned 16-bit number and therefore using a port number lower than zero or over 65535 causes a **CURLE_BAD_FUNCTION_ARGUMENT** error.

DEFAULT

0 which makes it not used. This also makes port number zero impossible to set with this API.

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_PORT, 8080L);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.1

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_PRIMARY_PORT(3), **CURLOPT_STDERR(3)**, **CURLOPT_URL(3)**