

NAME

CURLOPT_ADDRESS_SCOPE – scope id for IPv6 addresses

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_ADDRESS_SCOPE, long scope);
```

DESCRIPTION

Pass a long specifying the scope id value to use when connecting to IPv6 addresses.

DEFAULT

0

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
#include <net/if.h> /* for if_nametoindex() */

int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        long my_scope_id;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com/");
        my_scope_id = if_nametoindex("eth0");
        curl_easy_setopt(curl, CURLOPT_ADDRESS_SCOPE, my_scope_id);
        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.19.0

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)*. Returns CURLE_BAD_FUNCTION_ARGUMENT if set to a negative value.

SEE ALSO

CURLOPT_DEBUGFUNCTION(3), CURLOPT_STDERR(3)