

NAME

CURLOPT_SOCKOPTDATA – pointer to pass to sockopt callback

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SOCKOPTDATA, void *pointer);
```

DESCRIPTION

Pass a *pointer* that is untouched by libcurl and passed as the first argument in the sockopt callback set with *CURLOPT_SOCKOPTFUNCTION(3)*.

DEFAULT

NULL

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
static int sockopt_callback(void *clientp, curl_socket_t curlfd,
                           curlsocktype purpose)
{
    int val = *(int *)clientp;
    setsockopt((int)curlfd, SOL_SOCKET, SO_RCVBUF,
               (const char *)&val, sizeof(val));
    return CURL_SOCKOPT_OK;
}

int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        int rcvbufsize = 256 * 1024;

        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com/");

        /* call this function to set options for the socket */
        curl_easy_setopt(curl, CURLOPT_SOCKOPTFUNCTION, sockopt_callback);
        curl_easy_setopt(curl, CURLOPT_SOCKOPTDATA, &rcvbufsize);

        result = curl_easy_perform(curl);

        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.16.0

RETURN VALUE

Returns *CURLE_OK* if the option is supported, and *CURLE_UNKNOWN_OPTION* if not.

SEE ALSO

CURLOPT_OPENSOCKETFUNCTION(3), *CURLOPT_SOCKOPTFUNCTION(3)*