NAME

CURLMOPT_SOCKETFUNCTION − callback informed about what to wait for

SYNOPSIS

#include <curl/curl.h>

```
int socket_callback(CURL *easy,      /* easy handle */
          curl_socket_t s, /* socket */
          int what,       /* see above */
          void *userp,     /* private callback pointer */
          void *socketp); /* private socket pointer */
```

CURLMcode curl_multi_setopt(CURLM *handle, CURLMOPT_SOCKETFUNCTION, socket_callback);

DESCRIPTION

Pass a pointer to your callback function, which should match the prototype shown above.

When the *curl_multi_socket_action(3)* function runs, it informs the application about updates in the socket (file descriptor) status by doing none, one, or multiple calls to the **socket_callback**. The callback gets status updates with changes since the previous time the callback was called. If the given callback pointer is NULL, no callback will be called. Set the callback's **userp** argument with *CURLMOPT_SOCKETDATA(3)*. See *curl_multi_socket_action(3)* for more details on how the callback is used and should work.

DEFAULT

NULL (no callback)

PROTOCOLS

All

EXAMPLE

TODO

AVAILABILITY

Added in 7.15.4

RETURN VALUE

Returns CURLM_OK.

SEE ALSO

CURLMOPT_SOCKETDATA(3),   **curl_multi_socket_action**(3),   **CURLMOPT_TIMERFUNC-TION**(3)