

**NAME**

CURLOPT\_TCP\_KEEPALIVE – enable TCP keep-alive probing

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_TCP_KEEPALIVE, long probe);
```

**DESCRIPTION**

Pass a long. If set to 1, TCP keepalive probes will be sent. The delay and frequency of these probes can be controlled by the *CURLOPT\_TCP\_KEEPIDLE(3)* and *CURLOPT\_TCP\_KEEPINTVL(3)* options, provided the operating system supports them. Set to 0 (default behavior) to disable keepalive probes

**DEFAULT**

0

**PROTOCOLS**

All

**EXAMPLE**

```
CURL *curl = curl_easy_init();
if(curl) {
    curl_easy_setopt(curl, CURLOPT_URL, "http://example.com");

    /* enable TCP keep-alive for this transfer */
    curl_easy_setopt(curl, CURLOPT_TCP_KEEPALIVE, 1L);

    /* keep-alive idle time to 120 seconds */
    curl_easy_setopt(curl, CURLOPT_TCP_KEEPIDLE, 120L);

    /* interval time between keep-alive probes: 60 seconds */
    curl_easy_setopt(curl, CURLOPT_TCP_KEEPINTVL, 60L);

    curl_easy_perform(curl);
}
```

**AVAILABILITY**

Added in 7.25.0

**RETURN VALUE**

Returns CURLE\_OK if the option is supported, and CURLE\_UNKNOWN\_OPTION if not.

**SEE ALSO**

*CURLOPT\_TCP\_KEEPIDLE(3)*, *CURLOPT\_TCP\_KEEPINTVL(3)*,