### **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),