NAME

curl_multi_timeout - how long to wait for action before proceeding

SYNOPSIS

#include <curl/curl.h>

CURLMcode curl_multi_timeout(CURLM *multi_handle, long *timeout);

DESCRIPTION

An application using the libcurl multi interface should call **curl_multi_timeout(3)** to figure out how long it should wait for socket actions – at most – before proceeding.

Proceeding means either doing the socket-style timeout action: call the **curl_multi_socket(3)** function with the **sockfd** argument set to CURL_SOCKET_TIMEOUT and the **easy** argument set to CURL_EASY_TIMEOUT, or simply calling **curl_multi_perform(3)** if you're using the simpler and older multi interface approach.

The timeout value returned in the long **timeout** points to, is in number of milliseconds at this very moment. If 0, it means you should proceed immediately without waiting for anything. If it returns -1, there's no time-out at all set.

RETURN VALUE

The standard CURLMcode for multi interface error codes.

TYPICAL USAGE

Call **curl_multi_timeout(3)**, then wait for action on the sockets. You figure out which sockets to wait for by calling **curl_multi_fdset(3)** or by a previous call to **curl_multi_socket(3)**.

AVAILABILITY

This function was added in libcurl 7.15.4, although not deemed stable yet.

SEE ALSO

<pre>curl_multi_cleanup(3),</pre>	<pre>curl_multi_init(3),</pre>	<pre>curl_multi_fdset(3),</pre>	<pre>curl_multi_info_read(3),</pre>
curl_multi_socket(3)			