NAME

CURLOPT_RANGE − set byte range to request

SYNOPSIS

#include <curl/curl.h>

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_RANGE, char *range);

DESCRIPTION

Pass a char * as parameter, which should contain the specified range you want to retrieve. It should be in the format "X-Y", where either X or Y may be left out and X and Y are byte indexes.

HTTP transfers also support several intervals, separated with commas as in *"X-Y,N-M"*. Using this kind of multiple intervals will cause the HTTP server to send the response document in pieces (using standard MIME separation techniques). Unfortunately, the HTTP standard (RFC 7233 section 3.1) allows servers to ignore range requests so even when you set *CURLOPT_RANGE(3)* for a request, you may end up getting the full response sent back.

For RTSP, the formatting of a range should follow RFC2326 Section 12.29. For RTSP, byte ranges are **not** permitted. Instead, ranges should be given in npt, utc, or smpte formats.

Pass a NULL to this option to disable the use of ranges.

DEFAULT

NULL

PROTOCOLS

HTTP, FTP, FILE, RTSP and SFTP.

EXAMPLE

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

  /* get the first 200 bytes */
  curl_easy_setopt(curl, CURLOPT_RANGE, "0-199");

  /* Perform the request */
  curl_easy_perform(curl);
}
```

AVAILABILITY

FILE since 7.18.0, RTSP since 7.20.0

RETURN VALUE

Returns CURLE_OK on success or CURLE_OUT_OF_MEMORY if there was insufficient heap space.

SEE ALSO

CURLOPT_RESUME_FROM(3),