NAME

CURLOPT_COPYPOSTFIELDS − have libcurl copy data to POST

SYNOPSIS

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

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_COPYPOSTFIELDS, char *data);
```

DESCRIPTION

Pass a char * as parameter, which should be the full *data* to post in a HTTP POST operation. It behaves as the *CURLOPT_POSTFIELDS(3)* option, but the original data is instead copied by the library, allowing the application to overwrite the original data after setting this option.

Because data are copied, care must be taken when using this option in conjunction with *CURLOPT_POSTFIELDSIZE(3)* or *CURLOPT_POSTFIELDSIZE_LARGE(3)*: If the size has not been set prior to *CURLOPT_COPYPOSTFIELDS(3)*, the data is assumed to be a zero terminated string; else the stored size informs the library about the byte count to copy. In any case, the size must not be changed after *CURLOPT_COPYPOSTFIELDS(3)*, unless another *CURLOPT_POSTFIELDS(3)* or *CURLOPT_COPYPOSTFIELDS(3)* option is issued.

DEFAULT

NULL

PROTOCOLS

HTTP(S)

EXAMPLE

```
CURL *curl = curl_easy_init();
if(curl) {
  char local_buffer[1024]="data to send";
  curl_easy_setopt(curl, CURLOPT_URL, "http://example.com");

  /* size of the data to copy from the buffer and send in the request */
  curl_easy_setopt(curl, CURLOPT_POSTFIELDSIZE, 12L);

  /* send data from the local stack */
  curl_easy_setopt(curl, CURLOPT_COPYPOSTFIELDS, local_buffer);

  curl_easy_perform(curl);
}
```

AVAILABILITY

Added in 7.17.1

RETURN VALUE

Returns CURLE_OK if the option is supported, CURLE_UNKNOWN_OPTION if not, or CURLE_OUT_OF_MEMORY if there was insufficient heap space.

SEE ALSO

CURLOPT_POSTFIELDS(3), **CURLOPT_POSTFIELDSIZE**(3),