

NAME

curl_easy_duphandle – clone an easy handle

SYNOPSIS

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

```
CURL *curl_easy_duphandle(CURL *handle);
```

DESCRIPTION

This function returns a new curl handle, a duplicate, using all the options previously set in the input curl *handle*. Both handles can subsequently be used independently and they must both be freed with *curl_easy_cleanup(3)*.

Any options that the input handle has been told to point to (as opposed to copy) with previous calls to *curl_easy_setopt(3)*, are pointed to by the new handle as well. You must therefore make sure to keep the data around until both handles have been cleaned up.

The new handle does **not** inherit any state information, no connections, no SSL sessions and no cookies. It also does not inherit any share object states or options (created as if *CURLOPT_SHARE(3)* was set to NULL).

If the source handle has HSTS or alt-svc enabled, the duplicate gets data read data from the main filename to populate the cache.

In multi-threaded programs, this function must be called in a synchronous way, the input handle may not be in use when cloned.

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        CURL *nother;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");
        nother = curl_easy_duphandle(curl);
        result = curl_easy_perform(nother);
        curl_easy_cleanup(nother);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.9

RETURN VALUE

If this function returns NULL, something went wrong and no valid handle was returned.

SEE ALSO

curl_easy_cleanup(3), *curl_easy_init(3)*, *curl_easy_reset(3)*, *curl_global_init(3)*