NAME

curl_easy_duphandle - Clone a libcurl session 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 file name 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.

EXAMPLE

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

libcurl

}

AVAILABILITY

Added in 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)