## 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);
 }
```

```
}
```

## 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)