NAME

curl_easy_init - Start a libcurl easy session

SYNOPSIS

#include <curl/curl.h>

CURL *curl_easy_init( );

DESCRIPTION

This function must be the first function to call, and it returns a CURL easy handle that you must use as input to other functions in the easy interface. This call **MUST** have a corresponding call to *curl_easy_cleanup(3)* when the operation is complete.

If you did not already call *curl_global_init(3)*, *curl_easy_init(3)* does it automatically. This may be lethal in multi-threaded cases, since *curl_global_init(3)* is not thread-safe, and it may result in resource problems because there is no corresponding cleanup.

You are strongly advised to not allow this automatic behaviour, by calling *curl_global_init(3)* yourself properly. See the description in **libcurl**(3) of global environment requirements for details of how to use this function.

RETURN VALUE

If this function returns NULL, something went wrong and you cannot use the other curl functions.

EXAMPLE

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

SEE ALSO

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