

NAME

curl_multi_init – create a multi handle

SYNOPSIS

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

```
CURLM *curl_multi_init();
```

DESCRIPTION

This function returns a pointer to a *CURLM* handle to be used as input to all the other multi-functions, sometimes referred to as a multi handle in some places in the documentation. This init call **MUST** have a corresponding call to *curl_multi_cleanup(3)* when the operation is complete.

By default, several caches are stored in and held by the multi handle: DNS cache, connection pool, TLS session ID cache and the TLS CA cert cache. All transfers using the same multi handle share these caches.

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    /* init a multi stack */
    CURLM *multi = curl_multi_init();
    CURL *curl = curl_easy_init();
    CURL *curl2 = curl_easy_init();

    /* add individual transfers */
    curl_multi_add_handle(multi, curl);
    curl_multi_add_handle(multi, curl2);
}
```

AVAILABILITY

Added in curl 7.9.6

RETURN VALUE

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

SEE ALSO

curl_easy_init(3), curl_global_init(3), curl_multi_add_handle(3), curl_multi_cleanup(3), curl_multi_get_handles(3)