

NAME

curl_share_init – create a share object

SYNOPSIS

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

```
CURLSH *curl_share_init();
```

DESCRIPTION

This function returns a pointer to a *CURLSH* handle to be used as input to all the other share-functions, sometimes referred to as a share handle in some places in the documentation. This init call **MUST** have a corresponding call to *curl_share_cleanup(3)* when all operations using the share are complete.

This *share handle* is what you pass to curl using the *CURLOPT_SHARE(3)* option with *curl_easy_setopt(3)*, to make that specific curl handle use the data in this share.

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    CURLSHcode sh;
    CURLSH *share = curl_share_init();
    sh = curl_share_setopt(share, CURLSHOPT_SHARE, CURL_LOCK_DATA_CONNECT);
    if(sh)
        printf("Error: %s\n", curl_share_strerror(sh));
}
```

AVAILABILITY

Added in curl 7.10

RETURN VALUE

If this function returns NULL, something went wrong (out of memory, etc.) and therefore the share object was not created.

SEE ALSO

curl_share_cleanup(3), curl_share_setopt(3)