

NAME

`curl_global_init_mem` - Global libcurl initialisation with memory callbacks

SYNOPSIS

```
#include <curl/curl.h>
CURLcode curl_global_init_mem(long flags,
curl_malloc_callback m,
curl_free_callback f,
curl_realloc_callback r,
curl_strdup_callback s,
curl_calloc_callback c );
```

DESCRIPTION

This function works exactly as *curl_global_init(3)* with one addition: it allows the application to set callbacks to replace the otherwise used internal memory functions.

This man page only adds documentation for the callbacks, see the *curl_global_init(3)* man page for all the rest. When you use this function, all callback arguments must be set to valid function pointers.

The prototypes for the given callbacks should match these:

```
void *malloc_callback(size_t size);
```

To replace `malloc()`

```
void free_callback(void *ptr);
```

To replace `free()`

```
void *realloc_callback(void *ptr, size_t size);
```

To replace `realloc()`

```
char *strdup_callback(const char *str);
```

To replace `strdup()`

```
void *calloc_callback(size_t nmemb, size_t size);
```

To replace `calloc()`

CAUTION

Manipulating these gives considerable powers to the application to severely screw things up for libcurl. Take care!

SEE ALSO

`curl_global_init(3)`, `curl_global_cleanup(3)`,